## STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



## RESOURCE MANAGEMENT AGENCY

## DAVID PRICE III, RMA DIRECTOR

Community and Economic Development Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

JUN 1 4 2004

June 9, 2004

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

## Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-010-13, T30S, R25E, Section 1, has been received and reviewed. Your permit number is EH-2229.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Hardy, (R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH: irw

Enclosure

Farm Pump & Irrigation Company cc:

File EH-2229

(water\hardy\eh2229-w23b)

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701



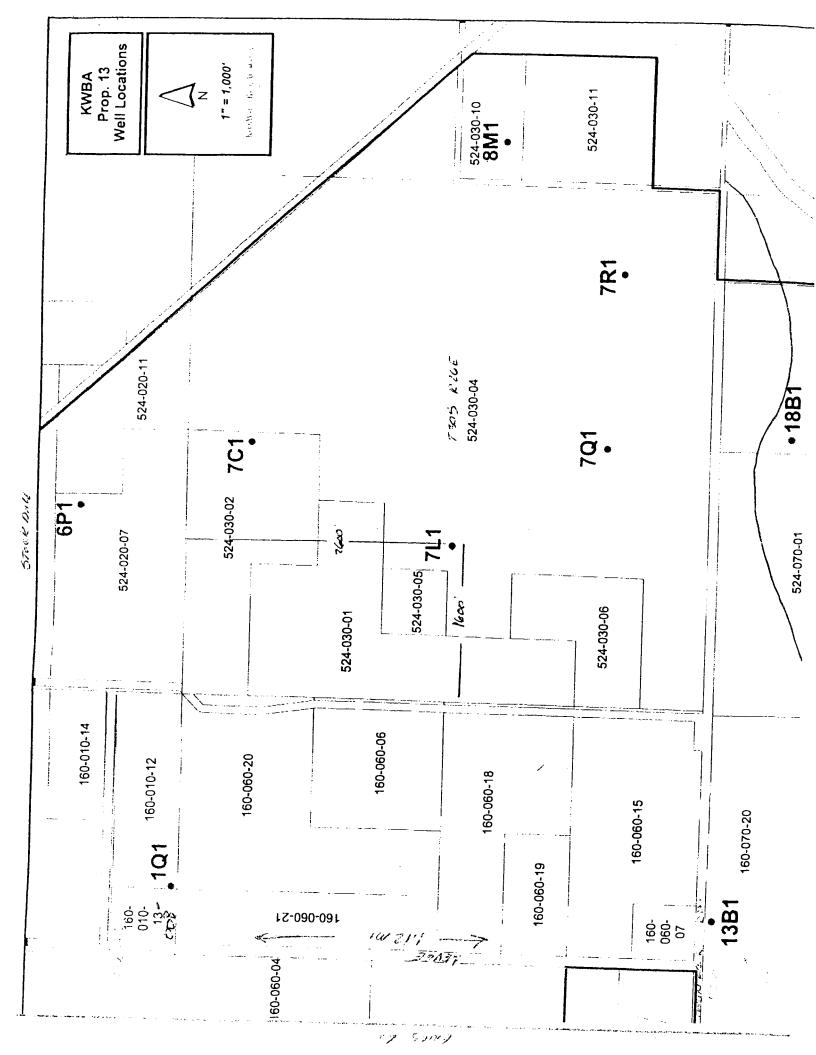
Permit # <u>EH-222</u>

					DDD
APPLICATION DATE:	6-3-4	PROPOSE	D START DATE		20 - 1
UWNER: ROZA (JA) TELE	BROK AUS	111000174			
Mailing Address: <u>Loc &amp;</u>	0607		Sing Parker des	( 7)	277 875
DRILLING		Comment	nty_1/H/REACTION	10.61)	Zip: <u>63380_</u>
CONTRACTOR Address:	<u>, , , , , , , , , , , , , , , , , , , </u>	Contractor's	Louise		e e e e e e e e e e e e e e e e e e e
Address: POX 147	7	Discusse	000170	Phone: <i>[.6</i>	1-389-690
SUBCONTRACTOR:		C	v: <i>5/AFT</i>	21C	_Zip: <u>9326</u>
SUBCONTRACTOR:Address:				Phone:	
Address:		C1	y:		Zip:
LOT OR PREMISES:	T 305 R	75 E Sec. 1	10.4 0.1		
PROPERTY DESCRIPTION:	Assessor's Parcel	No	O Acre Sub		
SITE ADDRESS if available:	ASSESSOI S PAICEI				
				_ TOTAL AC	RES:
DIRECTIONS to Well Site:	TRONE STOCK	ONLY Ityes GO S	arth pri &	Walter France	
LE MUNICISTAL	ひくつ かり タート・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・・	1 4/0.0724 -7 . 15			MUNICA
	N	10 1.05 01	100 5 30 0	L. CEUEE	Ken past
TYPE OF WORK TO BE DONE	(check one)	New Well			
		□ Reconstruction		☐ Deepen ☐ Destruction	
The lot or premises is within 300 for water.   Yes No	et of a community	services district or public		— Designation	
water. U Yes E No	· ·	public of public	water system Willi	ng and able to s	supply domestic
INTENDED USE:	•	•	CONCTRACTOR		
Domestic/private (1 connection	n)		CONSTRUCTION Reverse Rota	N METHOD:	
□ Domestic/nonpublic (2-4 conn	ections)		□ Rotary	ну	
Domestic/public (5 or more co	nn.)		□ Air Rotary		
Agricultural		•	Other		
☐ Test Hole ☐ Monitoring					<del></del>
□ Cathodic Protection					
				PROPOSED (	CASING:
Other	<del></del>		Type	51820	4
SEALING MATERIAL (check one)	GRAV	/FI DACV (about)	Diameter	20 "	,
o iveat cement			Gauge/Wa	ıll <i></i>	3
☑ Cement Grout		Yes □ No /	Conductor	r Depth	0
□ Concrete		om /// To /50 Feet			
Other					
DD ODORUD WAY			PROPOSE	D ANNI II AD	SEAL DEPTH:
PROPOSED WELL	PROPOSEI	PERFORATIONS	Unconso	lidated	SEAL DEPTH:
CONSTRUCTION (DEPTH)  Max. //(C) Feet	O.F.	R SCREEN:	Hardrock	ζ	
Min. 760 Feet	From <u>7000</u>	To <u>www</u> Feet			
Year Feet	rrom	To Feet			
PENETRATES TWO OR MORE AC	UIFERS	PROPOSED WELL	DESTRICTION	CDAI DODGE	,
□ Yes □ No		DEDTH ON NOT	DESTRUCTION	OBAL DEPTH	1/1
		DEPTH OF WELL	IO BE DESTROY	ÆD	MA

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approve
  of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from
  their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stag
  at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular scal(s).
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the
  placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the wall is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.01 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or change by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I furthe understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's A Signature Date	or Agency ffull of 1/1	Date_6-4-
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: Date Paid:_ Receipt # □ Cash □ Fee received by:	Check (# )
ZONING Zone:	Environmental Health Servi	CES DEPARTMENT
Access Approved:	E-Log Required:	□ Yes □ No
Flood Plan Approval Required	Gravel Chute Required:	TYes No
Date: 6/7/04		_
	R CONDITIONS OF PERMIT:	

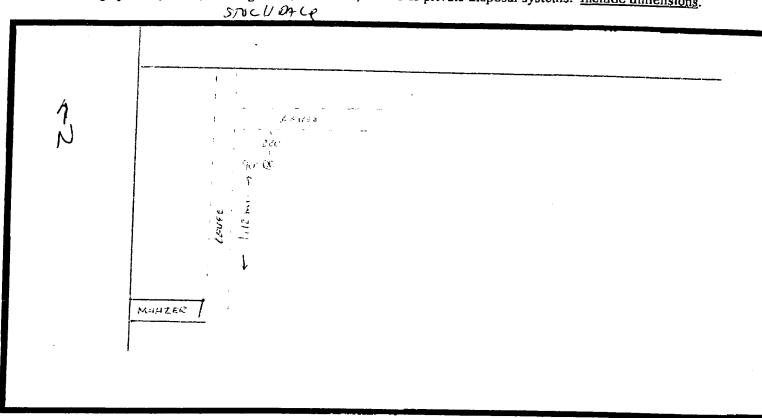


Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract_	
Parcel No	
Assessor's Parcel No.	

#### LOCATION

Indicate below the exact location of well with respect to the following items: property lines, water bodies or cours Α. drainage pattern, roads, existing wells, structures, sewers or private disposal systems. Include dimensions.



LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section B. lines or half section lines. Section No - 1

D	C	В	A
E	F	G	Н
M	L	K	J
N	Р	Q	R

1-\_\_\_\_One Mile \_\_\_\_\_-1

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



August 14, 2001

RESOURCE MANAGEMENT AGENC

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

Kern Water Bank Authority

P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct two agricultural wells located on APN 160-020-04, T30S, R25E, Section 3-R (Permit EH-922) and Section 3-Q2 (Permit EH-923), have been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permits are outlined in the enclosure.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By:

Thomas Hardy, R.E.H.S.

Bavironmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc:

Farm Pump & Irrigation, drilling consultant File EH-922 and EH-923

(water\hardy\eh922-23b-p)





APPLICATION DATE: 7/23/01	PROPOSED START DAT	E 8/25/01
OWNER: KERN WATER BANK		Phone: (661) 399-8735
Mailing Address: P.O. Box 806		SFIELD Zip: 93380-0
DRILLING	Contractor's	Zip: /3380-0
CONTRACTOR KWBA		Phone: (661) 399-8735
Address: P.O. Box 80607	City RAVERS	CLEID OMA.
SUBCONTRACTOR: DRILLING CONSU	LTANT: FARM PUMP INC.	Zip: 73300-060
Address: P.O. Box 1477	Ciny CHAET	_ Frione: (001/387-6701
	City. Shari	ER Zip: <u>93263</u>
JOB SITE: T 30.5	R 25E Sec. 3 40 Acre Sub	R
PROPERTY DESCRIPTION: Assessor's I		<del></del>
SITE ADDRESS if available:		
DIRECTIONS to Well Site: Ta		TOTAL ACRES: 238.04
<del></del>	Ke Enos Lane about 1	
3 [80]	Edgle Hwy. Go about s	1 mile west.
TYPE OF WORK TO BE DONE: (check one)	V	
1112 OF WORLD TO BE DOIVE. (CHECK ONE)	New Well  □ Reconstruction	O Deepen
BITTAIDED LIGH	- 1000.25 20001	□ Destruction
INTENDED USE:  □ Domestic/private (1 connection)	CONSTRUCT	ION METHOD:
☐ Domestic/nonpublic (2-4 connections)	Reverse R	lotary
☐ Domestic/public (5 or more conn.)	□ Rotary □ Air Rotary	v
Agricultural	□ Other	7
□ Test Hole	_ Juli	
□ Monitoring		
☐ Cathodic Protection☐ Other		PROPOSED CASING:
d Other	Type _	STEEL
SEALING MATERIAL (check one)	Diame	
□ Neat Cement	GRAVEL PACK: (check one) Gauge/	/Wall
Cement Grout	Conduc	ctor Depth 50′ ±
□ Concrete	XYes □ No	
□ Other	From 900 To 200 Feet	
	77.0	
PROPOSED WELL PROP	PROPC POSED PERFORATIONS Unco	OSED ANNULAR SEAL DEPTH:
CONSTRUCTION (DEPTH)	On contract	nsolidated 200'±
	880 To 220 Feet	rock
Min. 700 Feet From	To Feet	
PENETRATES TWO OR MORE	PROPOSED WELL DESTRUCTION	ON SEAL DEPTH NA
AQUIFERS  Yes No		
	DEPTH OF WELL TO BE DESTR	ROYED

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
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- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	or Agency Hen firms Date 7/23/0
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 7-26-01  Receipt # 20303
ZONING Zone: A	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
Access Approved: Yes No	E-Log Required:
Flood Plan Approval Required    Yes Pono By: Disapproved  By: The State of the Stat	Gravel Chute Required:
By: ( NVisting U Grider  Date: 1-23-01	

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

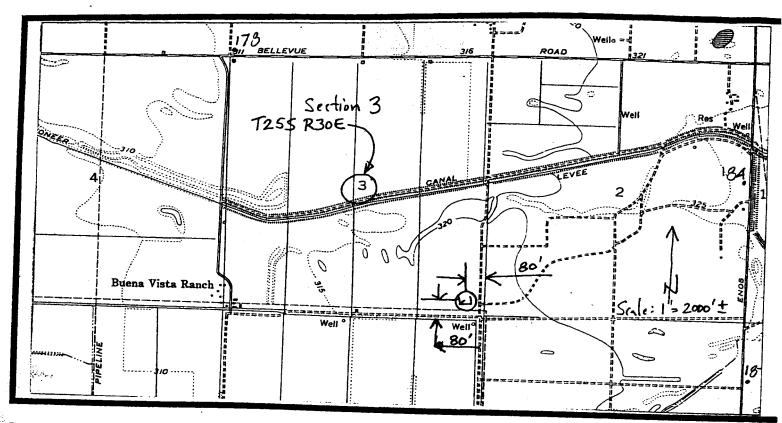
	Kern County
•	Environmental Health Services Department
	2700 "M" Street, Suite 300
	Bakersfield, CA 93301
	Phone (661) 862-8700
	FAX (661) 862-8701

I al centriapi i raci	
Parcel No.	
1 41001 110.	

Assessor's Parcel No. 160 - 020 - 04

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

Section No.: 3				
D	С	В	A	
E	F	G	Н	
M	L	K	J	
N	Р	Q	R	
•				

One Mile

RESOURCE MANAGEMENT AGENC

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



August 14, 2001

DAVID PRICE III, RMA DIRECTOR
Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department

Planning Departmen
Roads Departmen

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct two agricultural wells located on APN 160-020-04, T30S, R25E, Section 3-R (Permit EH-922) and Section 3-Q2 (Permit EH-923), have been received and reviewed.

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If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.S.

Havironmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc: Farm Pump & Irrigation, drilling consultant File EH-922 and EH-923

(water\hardy\eh922-23b-p)



Permit # EH-923

	——————————————————————————————————————		
APPLICATION DATE: 7/23/01	PROPOSED STAR	T DATE 8/2	15/01
OWNER: KERN WATER BANK AUT	HORITY	Phone	(661) 399-8735
Mailing Address: P.O. Box 80607	City RA	KERSELELD	Zip: 93380-0
DRILLING	310)	NCK3 PIELD	Zip:
CONTRACTOR KWBA	Contractor's License	Phone	: (661) 399-8735
Address: P.O. Box 80607	City PA	WEBECIEIR	0000
SUBCONTRACTOR DRILLING CONSULTANT	FARM PUMP TALL	C DL C	Zip: <u>73380-060</u>
Address: P.O. Box 1477	C: C.	Pnone: (	261/589-6701
	City:	AFTER	Zip: <u>93263</u>
JOB SITE: T 305 R 25	E Sec. 3 40 Acre 5	Sul	)
PROPERTY DESCRIPTION: Assessor's Parcel No			
Charles 1 and 2 an			
		TOTA	L ACRES: 238.04
DIRECTIONS to Well Site: /ake E	nos Lane about	I mile soc	th of Stockdale
	out 1/2 mile we	est.	
TWO OF WORK TO THE			
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepe	n
	□ Reconstruction	□ Destru	ction
INTENDED USE:	CONST	RUCTION METH	OD•
☐ Domestic/private (1 connection)☐ Domestic/nonpublic (2-4 connections)	≭Re	verse Rotary	OD.
Domestic/public (5 or more conn.)	□ Ro	tary	
Agricultural		r Rotary her	
□ Test Hole □ Monitoring	204	ner	
□ Cathodic Protection			
Other		PROPO	OSED CASING:
		Type STEE!	L
SEALING MATERIAL (check one) GRAVE		Diameter 20	
□ Neat Cement	· -	Gauge/Wall	18"
Cement Grout	es 🗆 No	Conductor Depth	<u> 50' I</u>
□ Concrete From	1900 To 200 Feet		
o odler	<del>-</del>		
PROPOSED WELL PROPOSED I	Paran . — .	PROPOSED ANN	ULAR SEAL DEPTH:
CONSTRUCTION (DEPTH)	PERFORATIONS CREEN:	Unconsolidated_	200'±
Max. 900 Feet From 880	To 220 Feet	Hardrock	
Min. 700 Feet From	To Feet		
PENETRATES TWO OR MORE			
AQUIFERS	PROPOSED WELL DESTR	RUCTION SEAL D	DEPTH N/A
□ Yes (No			· ———————
<b>/</b> )	DEPTH OF WELL TO BE I	DESTROYED	N/A

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
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Owner's SignatureDate	Authorized Agent Authorized Agency Authorized Agency Date 7/23/0.
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335′ Date Paid: 7-26-01  Receipt # 70303 □ Cash ★ Check (#36496)  Fee received by: Kl. Hinten
ZONING  Zone: A  Access Approved: Yes □ No Flood Plan Approval Required □ Yes No  PApproved □ Disapproved  By: □ 1 □ 1 □ 1 □ 1 □ 1 □ 1 □ 1 □ 1 □ 1 □	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:

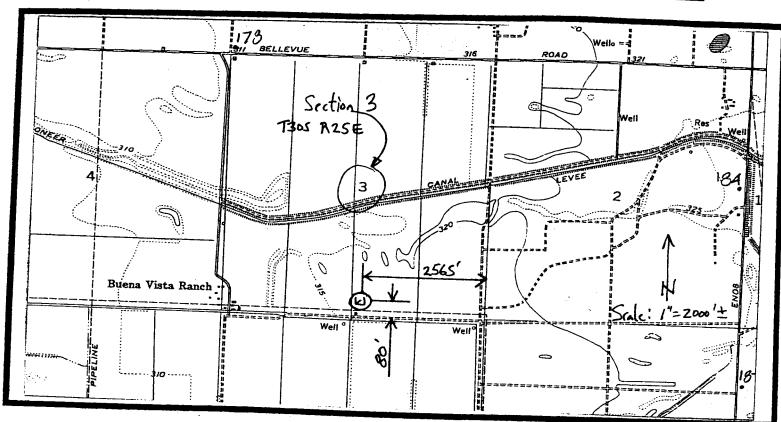
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

1	Kern County
,	Environmental Health Services Department
	2700 "M" Street, Suite 300
	Bakersfield, CA 93301
	Phone (661) 862-8700
	FAX (661) 862-8701

Parcenmap/1rac			-
Parcel No.		<del></del> .	
Assessor's Parcel No.	160-070	A //	

### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions.</u>



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

Section No.: 3			
D	С	В	Α
E	F	G	Н
M	L	K	J
N	Р	Q	R

1-			
	One Mile		-

FRANTROMMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT

APPLICATION FOR WATER WELL DRILLING PERMIT

	******	* * * * * *	* * * * * *	
DRILLING COMPANY KEDIN	h-11		T T T T	* * *
6P4-1	RILING Nible Rd sphy		C5728876 LICENSE NUMBER S	3
6d01 1	NIDLE Kd sphy	09		
PLAN TO COMMENCE URILLING X,	DEEPENING RECONDITIONI	NG, DEST	FRUCTION . OF	A
POTARY , CABLE,	T	(PE WELL, FO	OR THE PURPOSE OF	
AGRICULTURAL WELL , PRIVATE	DOMESTIC WELL , DOMESTIC WE	LL WITH 2 o	OR MORE COMMESTICA	A14
ON PROPERTY OWNED BY TEN	NECO West	INC	WOLLE COMMECTION	·,
WHOSE MAILING ADDRESS IS PO	Bay 9380		200	<del></del>
LEGAL DESCRIPTION OF PROPERTY	AND DIRECTIONS FOR LOSSES	ELL SITE FOR	R INSPECTIONS AS F	FOLLOWS
1550 N as 201 Sec 4 Q USE ADDITIONAL SHEET OR BACK	T30 18 25	V Cort		<del></del>
Q USE ADDITIONAL SHEET OR BACK	OF FORM FOR CONTINUED INFORM	ATION)		
NORTH	i	•	NOR TH	
	4 100175			
	LOCATE WELL IN SECTION. DRAW IN			
	FEATURES SUCH AS			
	NEAREST STREET, RAILROAD. INDICATE			
	DISTANCES.		•	
1300/8	USE TO SHOW OWNERS	۲ د	:	. !
₹ /300 E Ø	PROPERTY, HIS HOME	*		2
<b>, , , , , , , , , ,</b>	SEWAGE LINES, ETC			
	AS THEY RELATE TO THE WELL LOCATION			
is a second		-		
SOUTH	_			
SUBMITTED BY:	2		SOUTH	
(SIGNATURE)	AS AGENT FOR Kai	2 Drillin	19	
	OLLOWING IS FOR OFFICE USE ON	YANY OR CLIE	NJ'S NAME)	
DISAPPROVEDAPPROVED				
	APPROVED SUBJECT TO THE FO	Froming Conf	OITIONS:	
BY ( - 12 M).				
KERN COUNTY PLANNING COMMISSION				
DATE: 9/9/7/6				
HEALTH DEPT REMARKS:	* * * * * * *	* * ;	* * * *	*
BY:				
DATE:				
PERMIT NO.				

KERN COUNTY PLANNING COMMISSION

FALTH DEPT. - REMARKS:

PERMIT NO.

KCHD # 306 EH (10/71).

KOHO // 306 TH (10/71).

DRILLING COMPANY KED DRILLING	329219
606-1 6201 Wible Rd 69	LICENSE NUMBER
PLAN TO COMMENCE URILLING , DEEPENING , RECONDITIONING ,	DESTRUCTION OF A
ROTARY, CABLE,	
AGRICULTURAL WELL X, PRIVATE DOMESTIC WELL , DOMESTIC WELL WITH	
ON PROPERTY OWNED BY TENNIECO WOST TNO	
WHOSE MAILING ADDRESS IS PO. Box 9380	69
LEGAL DESCRIPTION OF PROPERTY AND DIRECTIONS FOR LOCATING WELL SIT	TE FOR INSPECTIONS AS FOLLOWS
USE ADDITIONAL SHEET OR BACK OF FORM FOR CONTINUED INFORMATION)	
NORTH	NOR TH
LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWNERS WAY PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION  SOUTH  SOUTH  SOUTH  SOUTH  SOUTH  SOUTH  FOLLOWING IS FOR OFFICE USE ONLY	
BY MAR APPROVED APPROVED SUBJECT TO THE FOLLOWIS:  BY MAR APPROVED OF THE FOLLOWIS:  BY MAR APPROVED SUBJECT TO THE FOLLOWIS:  BY:  BY:  DATE:  DATE:  DATE:	
PERMIT NO.	

KCHD # 306 EH (10/71).

		**********
DRILLING COMPANY	D Drilling	329219
607-3 620	I Wible Rd	LICENSE NUMBER
PLAY TO COMMENCE URILLIN	E, DEEPENING, RECONDITION!	NG DESTRUCTION
ROTARY , CABLE ,		YPE WELL, FOR THE PURPOSE OF AN
AGRICULTURAL WELL Y, PR	IVATE DOMESTIC WELL, DOMESTIC W	FIL WITH 2 OR WORE
ON PROPERTY OWNED BY	TENNECO West	INC.
WHOSE MAILING ADDRESS IS	P.O. Box 9380	69
LEGAL DESCRIPTION OF PRO	perty and directions for locating and 70°C of N)4	NELL SITE FOR INSPECTIONS AS FOLLOWS
Ser 7	T30/ PDE	
	BACK OF FORM FOR CONTINUED INFORM	MATION)
NORTH		NOR TH
NE SOUTH	LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWNERS PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION	NES-
SUBMITTED BY: Sustant (SI GNATURE)	D Inh AS AGENT FOR K	PANY OR CLIENT PANE)
	FOLLOWING IS FOR OFFICE USE O	NLY
DISAPPROVEDAPPROVE	D APPROVED SUBJECT TO THE F	OLLOWING CONDITIONS:
KERN COUNTY PLANNING COMP DATE: 1-13-77	MISSION	
+ + + * * * * *  HEALTH DEPT REMARKS:	* * * * * * *	* * * * * * *
BY:		
DATE:		
PERMIT NO.		

	* * * * * * * * * * * * *
DRILLING COMPANY KED DRILLING	3000
	S292/9
10001 00 101x 1d	
PLAT TO COMMENCE URILLING X, DEEPENING , RECONDITIONING , DE	STRUCTION, OF A
ROTARY , CABLE TYPE WELL,	FOR THE PURPOSE OF AN
AGRICULTURAL WELL X, PRIVATE DOMESTIC WELL , DOMESTIC WELL WITH 2	OR MORE COUNTECT LONG
ON PROPERTY OWNED BY TENJUECO West INC	)
WHOSE MAILING ADDRESS IS P.O. Box 9380	09
LEGAL DESCRIPTION OF PROPERTY AND DEPECTIONS FOR LOCATIVE	FOR INSPECTIONS AS COLLOWS
1000 3 and 2000. C M NW	Co
USE ADDITIONAL SHEET OR BACK OF FORM FOR CONTINUED INFORMATION)	
NORTH	
	NORTH
LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.	
USE TO SHOW OWNERS WE PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION	J.
(SIGNATURE)  WE FOLLOWING IS FOR OFFICE USE ONLY	SOUTH  Dulley  IENT (SNAME)
ISAPPROVED APPROVED APPROVED SUBJECT TO THE FOLLOWING CO	ONDITIONS
KERN COUNTY PLANNING COMMISSION DATE: 4 3.1	
TALTH DEPT REMARKS:	* * * * *
1:	
TE:	

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 12, 2000

## RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

**Community Development Program Department** Engineering & Survey Services Department **Environmental Health Services Department Planning Department Roads Department** 

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-050-04, T30S, R25E, Section 10-K, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Hardy, R.E.H.S By:

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump Irrigation, Drilling Consultant

File EH-560

Hardy\Water\KWBA-3-w23b

FAX (661) 862-8701

Permit # EH-560



		CEPEN OR DEST	ROY A WELL
APPLICATION DATE: 10/0	4/00		
OWNER: KERN WATER	BANK AUTHORITY × 80607	POSED START DATE _	11/01/2000
Mailing Address: P.O. Bo	× 80607	I	Phone: (661) 399-8735
DRILLING		City_BAKERSFI	ELD Zip: 93380-0607
CONTRACTOR KUBA	Contracto	or's	
Address: P.O. Box 806	License		Phone: (661) 399-8735
CHRONITA CTOR DOWN	0	_City: <u>BAKERSF</u> I	Zip: 93380-0607
Address: P.O. Box 147	CONSULTANT: FARM P	UMP INC. DE	21p: <u>73380-080</u> 7
Address: P.O. Box 147	7	City: CHAETER	Totale: (687) 387 - 6701
IOD or		_ City SHAFTEK	Zip: <u><b>93263</b></u>
JOB SITE:	305 R 25E Sec. 10	2 40 Acre Sub	
PROPERTY DESCRIPTION: A	ssessor's Parcel No.: 160	-050-04	
SITE ADDRESS if available:	N/A	030-04	Lallo
DIRECTIONS to Well Site:			TOTAL ACRES: 570.02
——————————————————————————————————————	Take Enos Lane 2	miles soll	Stock do la Uni
	Go West on field	Coads.	Stocker Hug.
TYPE OF WORK TO BE DONE: (ch	neck one) New Well		
	□ Reconstru		Deepen
INTENDED USE:		u u	Destruction
□ Domestic/private (1 connection)		CONSTRUCTION	METHOD:
□ Domestic/nonpublic (2-4 connecti	ons)	Reverse Rotar	y
Domestic/public (5 or more conn.) Agricultural		□ Rotary	
□ Test Hole		☐ Air Rotary ☐ Other	
☐ Monitoring		- Olliei	
☐ Cathodic Protection			
□ Other		1	PROPOSED CASING:
		TypeS	TEEL
SEALING MATERIAL (check one)	GRAVEL PACK: (check of	Diameter	20"
□ Neat Cement Cement Grout		<b>□</b> <del></del>	3/8"
Concrete	XYes □ No	Conductor [	Depth
□ Other	From 900 To 200 Feet	<b>.</b>	
			• - A
PROPOSED WELL	PROPOSED PERFORATIONS	PROPOSED	ANNULAR SEAL DEPTH:
CONSTRUCTION (DEPTH)	OR SCREEN.	Unconsolic	lated 200'±
Max. 900 Feet Min. 700 Feet	From <u>880</u> To 220 Feet	Hardrock_	·
reet	From To Feet		,
ENETRATES TWO OR MORE		•	
AQUIFERS	PROPOSED W	VELL DESTRUCTION S	EAL DEPTH N/A
□ Yes No			
		ELL TO BE DESTROYE	D
THIS APPLICAT	TON RECOMES A DES		

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Signature Date	Or Agency Heat from Date 10/4/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 1375 Date Paid: 10/4/00  Receipt # 983 1
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:

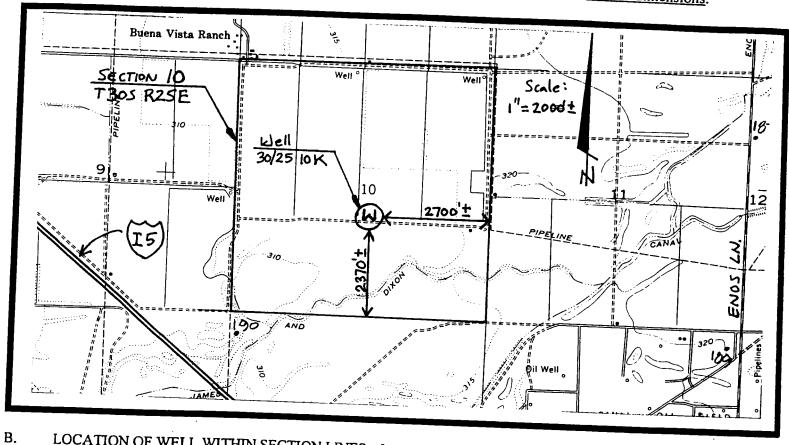
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract
Parcei No
Assessor's Parcel No. 160 - 050 - 04

### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25E Section No. 10

D C B A
E F G H
M L Well J
N P Q R

-\_\_\_\_\_ One Mile \_\_\_\_\_

RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 12, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-060-01, T30S, R25E, Section 11-E, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump Irrigation, Drilling Consultant

File EH-568

Hardy\Water\KernWaterBA-w23b





	TITOUT, BELLIEN	OR DESTROY A WELL
APPLICATION DATE: 10/04/	OO PROPOSED CE	
OWNER: KERN WATER T	BANK AUTHORITY	ART DATE <u> </u>
Mailing Address: P.O. Box	80607	Phone: (661) 399-8735
DRILLING	City_E	SAKERSFIELD Zip: 93380-06
CONTRACTOR_KWBA	Contractor's	***
Address: P.O. Box 80607	License	Phone: (661) 399-8735
SHIPCONTRACTOR DOLLARS	City:	SAKERSFIELD Zip: 93380-060
Add DA P	JUNGULIANT. PARM PINA	
Address: 7.0. Bbx 7477	City:	NC. Phone: (661) 589 - 6901  SHAFTER Zip: 93263
DR 0.000	805 R 25E Sec. 11 40 Ac	re SubE
ROTERTT DESCRIPTION: Asse	essor's Parcel No.: 160 - 060	0-01
SITE ADDRESS if available:	N/A	TOTAL ACRES: 420.03
DIRECTIONS to Well Site:	ake Enos Lane 1-1/2 n	niles south of Stockdale Huy.
	no west on field roads	TOCK DOLL HWY.
	TEIG TOUAS	•
TYPE OF WORK TO BE DONE: (chec	k one) New Well	
	□ Reconstruction	☐ Deepen☐ Destruction☐
INTENDED USE:		
□ Domestic/private (1 connection)	CON	STRUCTION METHOD:
□ Domestic/nonpublic (2-4 connections	s) X	Reverse Rotary
□ Domestic/public (5 or more conn.)		Rotary
Agricultural		Air Rotary
□ Test Hole		Other
□ Monitoring		
□ Cathodic Protection		PR 0 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
□ Other	<del></del>	PROPOSED CASING:
SEAL DIC MATERIAL CO.		Type STEEL Diameter 20"
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)	
□ Neat Cement	,,	Gauge/Wall 3/8" Conductor Depth 50' ±
Cement Grout □ Concrete	¥Yes □ No	Conductor Depth 50' ±
	From 900 To 200 Feet	
Other		
PROPOSED WELL	PROPOSED PERFORATIONS	PROPOSED ANNULAR SEAL DEPTH:
CONSTRUCTION (DEPTH)	OR SCREEN:	Unconsolidated 200'±
Max. <u>900</u> Feet	From <u>880</u> To <u>220</u> Feet	Hardrock
Min Feet	From To Feet	•
PENETRATES TWO OR MORE		
AQUIFERS	PROPOSED WELL DES	STRUCTION SEAL DEPTH
□ Yes No		
• •	DEPTH OF WELL TO B	BE DESTROYED
TITIC ADDITIONS		·

- 1. Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's Aut Signature Date	thorized Agent or Agency Held firmmona Date 10/4/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 10/4/00  Receipt # 9837
ZONING	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
Zone:  Access Approved: Yes □ No	E-Log Required:
Flood Plan Approval Required	Gravel Chute Required:
By: # [ ]	

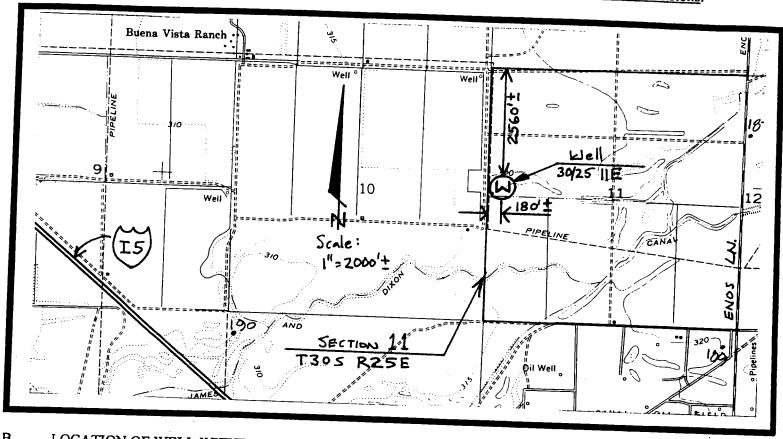
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Elern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract
Parcel No
Assessor's Parcel No. 160-060-01

### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions.</u>



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25E

Section No. 11

, , , , , , , , , , , , , , , , , , ,	Section	on No.: 1.	<u> </u>
D	С	В	A
E ⊙Well	F	G	Н
M	L	K	J
N	Р	Q	R

1-\_\_\_\_One Mile

NOI RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 12, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

Planning Department Roads Department

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-060-02, T30S, R25E, Section 11-N, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump Irrigation, Drilling Consultant

File EH-569

Hardy\Water\KernWaterBankA-w23b



Permit # EH-569

APPLICATION DATE: 10/04	/2000		./. / .
OWNER KERN VIATER	RANGE AND A PROPOSED	START DATE/	101/2000
Mailing Address: P.O. Roy	BANK AUTHORITY  80607 Cin	Phone	: <u>(661)399-8735</u>
	City	BAKERSFIELD	Zip: <b>93380-</b> 0
DRILLING CONTRACTOR KUBA	Communication		
Address: P.O. Box 8060	License	Pho	one: (661) 399-8735
Address. 1.0. 20% 0000	City	BAKERSFIELD	Zip: <b>93380-0</b> 60
SUBCONTRACTOR: DRILLING	CONSULTANT: FARM PUMP	THE Phase	(661) EDD (901
Address: <b>P.O. Box</b> 1477	City	: SHAFTER	Zip: <b>93263</b>
	305 R 25E Sec. 11 40		
PROPERTY DESCRIPTION: As			
SITE ADDRESS if available:		0-02	158
	N/A	TO	TAL ACRES: 134.85
DIRECTIONS to Well Site:	ake Enos Lane 2 mile	s south of 5-	tockdale Hwy.
	so west on field roa	ds	
TYPE OF WORK TO BE DONE: (ch	eck one) New Well	□ Dee	nen
	□ Reconstruction		struction
INTENDED USE:	,	30) (GCD) (GCD)	
☐ Domestic/private (1 connection)		CONSTRUCTION MET  Reverse Rotary	ΓHOD:
□ Domestic/nonpublic (2-4 connection	ons)	□ Rotary	
Domestic/public (5 or more conn.)		☐ Air Rotary	
Agricultural  Test Hole	*	□ Other	
☐ Monitoring			
□ Cathodic Protection			
Other			POSED CASING:
		Type STE	
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)		0"
□ Neat Cement	Troit (theek one)	Gauge/Wall	# 50' ±
Cement Grout	¥Yes □ No	Conductor Dept	п
□ Concrete	From 900 To 200 Feet		
□ Other		•	
PROPOSED WELL	DD OD O O	PROPOSED AN	NULAR SEAL DEPTH:
CONSTRUCTION (DEPTH)	PROPOSED PERFORATIONS	Unconsolidate	d_200'±
Max. <u>900</u> Feet	OR SCREEN:	Hardrock	
Min. 700 Feet	From <u>880</u> To <u>220</u> Feet From To Feet	•	
	110III 10 Feet		
PENETRATES TWO OR MORE AQUIFERS	PROPOSED WELL	DESTRUCTION SEA	L DEPTH _ <i>N</i> /A
□ Yes XNo			
	DEPIROR WELL	TO BE DESTROYED	N/A

- 1. Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
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- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
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- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
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- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

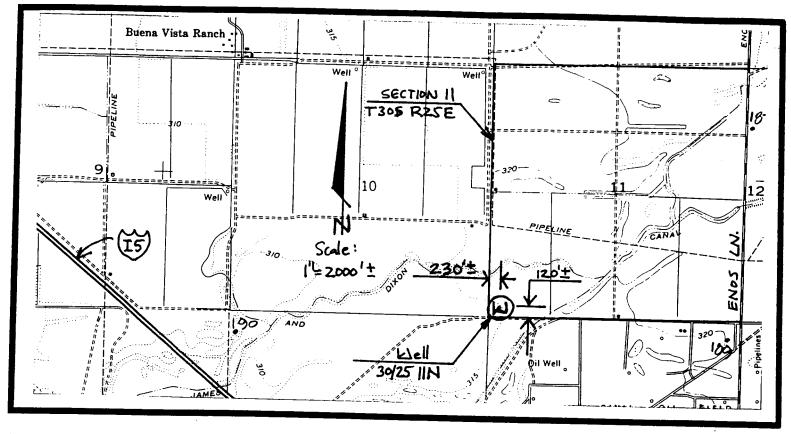
Signature Date	Authorized Agent or Agency Heart firm Date 10/4
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 10/4/00  Receipt # 9851 Date Paid: 10/4/00  Fee received by: UM, SALIM
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  PApproved  Disapproved  By:  Date:  10/4/00	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcei No.	
Assessor's Parcel No.	160-060-

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D C B A
E F G H
M L K J

New P Q R

One Mile

|\ (0) 0 \
RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 12, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

Planning Department Roads Department

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-060-03, T30S, R25E, Section 11-Q, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump Irrigation, Drilling Consultant

File EH-567

Hardy\Water\KWBA-2-w23b



Permit # EH-567

		BIROTA WELL
APPLICATION DATE: 10/04/200		TE ///01/2000
owner: <u>Kern Water Ba</u>	UK AUTHORITY	Phone: (66) 399 9725
Mailing Address: P.O. Box 80	607 Cin. RAKER	
DRILLING		SFIELD Zip: 93380-0
CONTRACTOR KWBA	Contractor's License	Phone: (661) 399-8735
Address: P.O. Box 80607	0: P	
SUBCONTRACTOR DRILLING CON	SULTANT: FARM PUMP INC.	SFIELD Zip: 93380-060
Address PA Rose 1477	SUCIANT. PARM PUMP INC.	Phone: (661) 589 - 6901
Addless: J.U. Bbx 7717	City:	TER Zip: 93263
1703		Q
	's Parcel No.: 160 - 060 - 03	
SITE ADDRESS if available:	N/A	TOTAL ACRES: 39.12
DIRECTIONS to Well Site:	e Enos Lane 2 miles sout	h of Stabile 11.
Go	west on field roads.	TOTOGRAPE HUY.
	THE TOAGS.	
TYPE OF WORK TO BE DONE: (check on	e) New Well	
on the second of	□ Reconstruction	□ Deepen
INTENDED USE:	33333334 433301	□ Destruction
□ Domestic/private (1 connection)	CONSTRUCT	ПОМ МЕТНОД:
□ Domestic/nonpublic (2-4 connections)	Reverse	Rotary
☐ Domestic/public (5 or more conn.)	□ Rotary	
Agricultural	□ Air Rota	гу
□ Test Hole	□ Other	<del></del>
□ Monitoring		
□ Cathodic Protection		PROPOSER SASSAS
□ Other	Time	PROPOSED CASING:
	Туре	
SEALING MATERIAL (check one)		eter 20"
□ Neat Cement		2/Wall
Cement Grout	¥Yes □ No	actor Depth 50' ±
□ Concrete	From 900 To 200 Feet	
□ Other	1000	•
DD 02 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PROP	OSED ANNULAR SEAL DEPTH:
PROPOSED WELL PI	ROPOSED PERFORATIONS Unc.	onsolidated 200'±
CONSTRUCTION (DEPTH)	OR SCREEN:	brisondated 200 _
Max. 900 Feet Fr	om <u>880 To 220</u> Feet	dock
Min. 700 Feet Fr	om To Feet	
PENETRATES TWO OR MORE	DDODOGDD	
AQUIFERS	PROPOSED WELL DESTRUCT	ION SEAL DEPTH
□ Yes No		
	DEPTH OF WELL TO BE DEST	KUYED

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's Aut Signature Date	or Agency Heat fimmons Date 10/4/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 10/400 Receipt # 9837 Cash. Check (#35478) Fee received by: M. Salung
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:  1014/00	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No

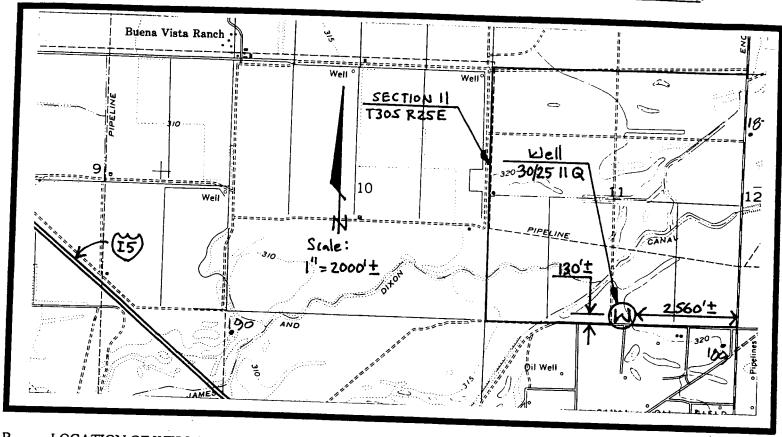
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Korn County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No	
Assessor's Parcel No. 160-060	- 03

### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25 E Section No.: 11

D C B A
E F G H
M L K J
N P Q R

1-\_\_\_\_\_ One Mile \_\_\_\_

			~ ~ ~ ~ * * *	* * * * * * *	* * * *
DRITLING COMPANY	SLATE W.	ELL DRILLI	V9	C57 288	763
PL	2 Box 187	STRATFORD C	a 9326	LICENSE NUMBER	
PLAN TO COMMENCE URI					F A
ROTARY X, CABLE					
AGRICULTURAL WELL	, PRIVATE DOMESTI	D WELL , DOMESTIC W	ELL WITH 2 OR	MORE CONNECTIO	ane.
ON PROPERTY OWNED BY	TENNECO	WEST I	- مىلىمارىسى	The sound of the	
WHOSE MAILING ADDRESS	_			Co 92	2v2
LEGAL DESCRIPTION OF	PROPERTY AND DIRE	CTIONS FOR LOCATING	WELL SITE EOD	THE DECEMBER 15	FOLLOWS A 12E
	,				W/ Pini
♥ USE ADDITIONAL SHEE	T OR BACK OF FORW	FOR CONTINUED INFOR	MATION)	Market and a state of the state	
			<b>†</b>	NOR TH	
5.640'SOUTH 1340'E SEC 12 T30 R	EAST	LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWNERS PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION	WEST		
· ·					
SOUTH			5	нтио	-
SIGNATUR	(4)	AS AGENT FOR COM	MPANY OR CLIEN	IL DOILL	ını q
	/	G IS FOR OFFICE USE			
DISAPPROVER	ROVED APPR	OVED SUBJECT TO THE P	COLLOWING COND	ITIONS:	
BY Kilin	A =				
KERN COUNTY PLANNING DATE: 674-74	COMMISSION				
+ * * * * * HEALTH DEPT REMARKS	* * * *	* * * *	* * * *	* * *	* *
i nemarks					
BY:	Marketing (B. Alexie Department of the State				
DATE:					
PERMIT NO.					- and to dispense of

DATE:

PERMIT NO.

#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



February 22, 2001

#### RESOURCE MANAGEMENT AGENCY

#### DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department

Roads Department

FEB 26 2001

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct three (3) agricultural wells have been received and reviewed. The wells will be located as follows:

Permit No.	<u>APN</u>	Township, Range, Section
EH-758	160-070-22	30S/25E/13-F
EH-759	160-070-20	30S/25E/24-K
EH-760	160-070-20	30S/25E/13-J

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Nardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

cc: Farm Pump & Irrigation - Drilling Consultant

Files EH-758, 759 & 760

Hardy\Water\2001\KWBA-3-w23b



APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 02/22/0		PROPOSED ST	ART DATE	04/01/	01
OWNER: KERN WATER B	ANK AUTHOR	ITY		Phone: 166	1) 399 0735
Mailing Address: P.O. Box	80607	Ciny	RAVERSE	FIDNE: (CO)	- 90400
DRILLING			DANEKS FI	ELD	Zip: <u>73380-06</u> 6
CONTRACTOR KWBA		Contractor's		Dhana (6)	51) 399-8735
Address: P.O. Box 80607		Cin.,	PARCEC	_ Phone: 106	2000-1-2
SUBCONTRACTOR DRILLING C	MISHTALE E	ARA D T	DAKEKSFI	ELD	Zip: <u>73380-060</u> /
PA R 1477	MUSUCIALOJ. 1	HAM FUMP 1	NC. P	none: (661)	<u> 589-6901</u>
Address: P.O. Box 1477		City:	SHAFTER		_Zip: <u>93263</u>
JOB SITE: T 3	05 R 25E	Sec 13 40.4	C-2 E	<del></del>	
PROPERTY DESCRIPTION: Asset	ssor's Parcel No.:	160 - 070	cre Subr		
	. 1 .				
SITE ADDRESS if available:	I/A			TOTAL AC	RES: 213.74
DIRECTIONS to Well Site:	Take Enos 1	ane 21/2 1	niles so	uth of :	Stockdale
Hn	14. Go 1/2	mile east			
		Will Color			
			<del></del>		· · · · · · · · · · · · · · · · · · ·
TYPE OF WORK TO BE DONE: (shoot	\	<b>V</b>			
TYPE OF WORK TO BE DONE: (chec		New Well  □ Reconstruction		□ Deepen	
	<del></del>	- Reconstruction	l	<ul> <li>Destruction</li> </ul>	
INTENDED USE:		CO	NSTRUCTION	J METUOD.	
☐ Domestic/private (1 connection)			Reverse Rota		
□ Domestic/nonpublic (2-4 connections			□ Rotary	- 3	
Domestic/public (5 or more conn.)			Air Rotary		
Agricultural			Other		
□ Test Hole			<del></del> -		<del></del>
□ Monitoring					
□ Cathodic Protection				PROPOSED	CASING:
□ Other	·		Туре	STEEL	
CEAL DIG MATTER AND A COLUMN			Diameter		
SEALING MATERIAL (check one)	GRAVEL PA	CK: (check one)	Gauge/Wa	all 3/8	"
Neat Cement		•	Conductor	r Depth	
Cement Grout	<b>X</b> Yes			•	
□ Concrete	From <u>400</u>	To 200 Feet			
□ Other					
DRODOGED WELL	DD 0 - 0		PROPOSI	ED ANNULA	R SEAL DEPTH:
PROPOSED WELL	PROPOSED PERF		Unconso	olidated_ 2	00'±
CONSTRUCTION (DEPTH)	OR SCRE		Hardroc	k	
Max. 900 Feet	From <u>880</u> To <u>2</u>				
Min. 700 Feet	From To	Feet			
PENETRATES TWO OR MORE	P	ROPOSED WELL D	ESTRUCTION	ISFAI DED	ги <i>N/A</i>
AQUIFERS			=2111001101	· SUAL DEF	111
□ Yes No	D	EPTH OF WELL TO	D BE DESTRO	YED A	1/A
					<u>/</u>

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
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I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

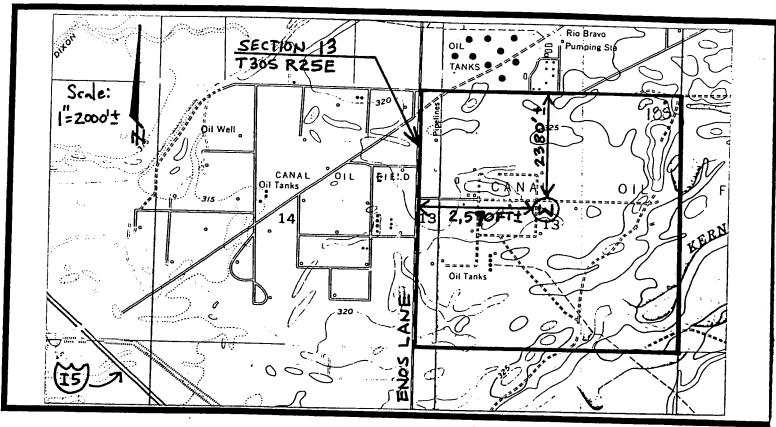
Owner's A Signature Date	or Agency 14 frames Date 2/22/01
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 2 2 220 1  Receipt # 14266 □ Cash © Check (#136094)  Fee received by:
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Disapproved  By:  Date:  Date:  Done:  Disapproved  Disapproved  Disapproved  Disapproved  Disapproved	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: No

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No.	
Assessor's Parcel No	160-070-22

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25 E Section No.: 13

D C B A

E F G G H

M L K J

N P Q R

\_\_\_\_\_One Mile \_\_\_\_\_

#### **RESOURCE MANAGEMENT AGENCY**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



February 22, 2001

#### DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department
Roads Department

FEB 2 6 2001

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct three (3) agricultural wells have been received and reviewed. The wells will be located as follows:

<u>APN</u>	Township, Range, Section
160-070-22	30S/25E/13-F
160-070-20	30S/25E/24-K
160-070-20	30S/25E/13-J
	160-070-22 160-070-20

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Nardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

cc: Farm Pump & Irrigation - Drilling Consultant

Files EH-758, 759 & 760

Hardy\Water\2001\KWBA-3-w23b





## APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

		SILDEBIROT A W	ELL
APPLICATION DATE: 02/22/01	PROPOSED ST	TART DATE 04/01/0	
OWNER: KERN WATER BANK	AUTHORITY	Phone: (66	1) 399 0725
Mailing Address: P.O. Box 8060	7 Circ.	PANCOCCIO	17717-0135
DRILLING	City_	BAKERSFIELD	Zip: <u>73380-0</u>
CONTRACTOR KWBA	Contractor's	2110	
Address: P.O. Box 80607	License 60	2118 Phone: (6	61) 399-8735
Address. 7.0. 88% 80807	City:	BAKERSFIELD	Zip: <b>933</b> 80-060
SUBCONTRACTOR: DRILLING CONSULTA	NT: FARM PUMP I	NC Dhail (CA)	E00 (90)
Address: P.O. Box 1477	City:	SHAFTER	Zip: 93263
	25E Sec. 13 40 A		
PROPERTY DESCRIPTION: Assessor's Par	cel No.: 160 - 070	cre Sub	<del></del>
		7-20	
		TOTAL AC	CRES: 167
DIRECTIONS to Well Site: Take	Enos Lane about	23/4 mile south	of Stackfula
Ηωη.	Go about 1 mil	e each	OI STOCKATIE
		e cast.	
TYPE OF WORK TO BE DONE: (check one)	V.,		
(check one)	New Well  Reconstruction	□ Deepen	_
	- Reconstruction	□ Destruction	l
INTENDED USE:	CO	NSTRUCTION METHOD:	
Domestic/private (1 connection)	)	Reverse Rotary	
□ Domestic/nonpublic (2-4 connections) □ Domestic/public (5 or more conn.)	, i	□ Rotary	
Agricultural		☐ Air Rotary	
□ Test Hole	C	□ Other	
□ Monitoring			
□ Cathodic Protection			
□ Other		PROPOSEI	CASING:
		Type STEEL	
SEALING MATERIAL (check one) GI	RAVEL PACK: (check one)	Diameter 20"	,,
□ Neat Cement	(oneck one)	Gauge/Wall 3/8	F-1/+
Cement Grout	¥Yes □ No	Conductor Depth	>0, T
□ Concrete	From 900 To 200 Feet		
□ Other			
PROPOSED WELL		PROPOSED ANNULA	R SEAL DEDTU.
PROPOSED WELL PROPO	SED PERFORATIONS	Unconsolidated 2	00'±
CONSTRUCTION (DEPTH)  Max. <u>900</u> Feet From A	OR SCREEN:	Hardrock	
	880 To 220 Feet	<del></del>	
From _	To Feet		
ENETRATES TWO OR MORE	DDODOCED WELL OF	F.Com t. com	
AQUIFERS	WOLOSED MELL D	ESTRUCTION SEAL DEP	TH _ <i>N</i> /A
□ Yes No	DEPTH OF WELL TO	BE DESTROYED	1/2
· •		DESTRUYED	14

#### GENERAL CONDITIONS:

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from ١.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the 2.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed. 3.
- Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 4. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the 5. confining clay layer(s) and assist in the placement of any required annular seal(s).
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the 6. placement of any seals or plugs.
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- The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable. 12.
- Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system. 13.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage,

personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the perm regulations.

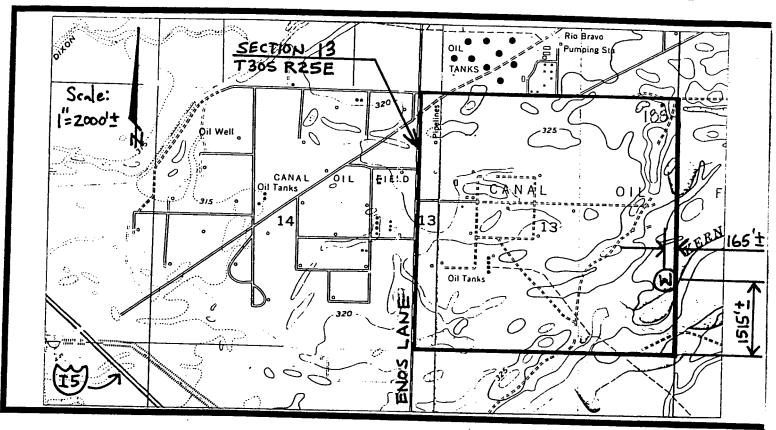
Owner's Auth Signature Date 0	r Agency 16 frim Date 2/22/01
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 345 Date Paid: 2577/01  Receipt # 142100
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Disapproved  By:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:  Gravel Chute Required:  Yes No
Date:	R CONDITIONS OF PERMIT:

Kern County Environmental Health Services Department 2700 "M" Street, Suite 300 Bakersfield, CA 93301 Phone (661) 862-8700 FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No.	
Assessor's Parcel No.	160-070-20

#### LOCATION

Indicate below the exact location of well with respect to the following items: property lines, water bodies or course: A. drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section B. 305 P75F

1 3	NO KZS	Section Section	on No.:	3
	D	С	В	A
	E	F	G	Н
	M	L	K	J WellO
	N	Р	Q	R
1-		One	Mile	

#### 14E01 RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 10, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

> Planning Department Roads Department

OCT 1 3 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-070-02, T30S, R25E, Section 14-E, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.

Environmental Health Specialist III

Water Quality Program

TH:dt

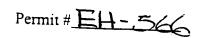
**Enclosure** 

cc: Farm Pump & Irrigation, drilling consultant

File EH-566

Hardy\Water\KWaterB-w23h





APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

		OR DESTROY A	
APPLICATION DATE: 10/04/2000  OWNER: KERN LIATER RANGE	PROPOSED ST	TART DATE 1/01/2	000
SINGLE DANK	ノスリナルヘカノナレ		<u> </u>
Mailing Address: P.O. Box 806	07	Phone: (66	51) 379 - 8735
DRILLING	City_	BAKERSFIELD	Zip:_ <b>93380-</b> 06
CONTRACTOR KUBA	Contractor's		
	License	Phone: (6	61) 399-8735
Address: P.O. Box 80607	City:	BAKERSFIELD	7in. 93380-060
Address: P.O. Box 1477	JANT. FAKM PULLS I		
Address: <u>P.O.</u> Box 1477		7 Prione: (661)	287-6701
Address: P.O. Box 1477	City:	SHAFTER	Zip: <u>93263</u>
PROPERTY DESCRIPTION: Assessor's F	R 25E Sec. 14 40 A	cre Sub E	
	arcel No.:160 - 070	-02	
SITE ADDRESS if available: N	4	TOTAL	2/9 (1
DIRECTIONS to Well Site: Take	Enos Lane 3 mile	- IDIAL AC	RES: 267.51
6. 1	Tool and United	South of Stock	Edale Hwy
	sest on north side	of KWBA can	1.
TVDF OF WORK TO			
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepen	
	□ Reconstruction	□ Destruction	1
INTENDED USE:			•
☐ Domestic/private (1 connection)	CO	NSTRUCTION METHOD:	
□ Domestic/nonpublic (2-4 connections)	?	Reverse Rotary	
Domestic/public (5 or more conn.)		□ Rotary □ Air Rotary	
Agricultural  ☐ Test Hole		Other	
□ Monitoring			
□ Cathodic Protection			
□ Other		PROPOSET	CASING:
		Type STEEL	<del></del>
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)	Diameter 20"	<i>,,</i>
- Near Coment	(check one)	Gauge/Wall	50'±
Cement Grout □ Concrete	XYes □ No	Conductor Depth	30 <u>+</u>
□ Other	From 900 To 200 Feet	,	
		<b>.</b>	
PROPOSED WELL PROP	OSED PERFORATIONS	PROPOSED ANNULA	R SEAL DEPTH:
CONSTRUCTION (DEPTH)	OR SCREEN:	Unconsolidated 2	00'±
Max. 900 Feet From	880 To 220 Feet	Hardrock	
Min. 700 Feet From	To Feet		
PENETRATES TWO OR MORE			
AQUIFERS	PROPOSED WELL DE	STRUCTION SEAL DEPT	н <i>N/A</i>
□ Yes No			
	DEFINOR WELL TO	BE DESTROYED	/A ·
THIC ADDITION TO			

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval 1. of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the 2. proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed.
- Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features. 4.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the 6. placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 9. Order."
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental 10. Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11. Department.
- The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress 12. toward completion made. Fees are not refundable nor transferable.
- Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the 14. County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

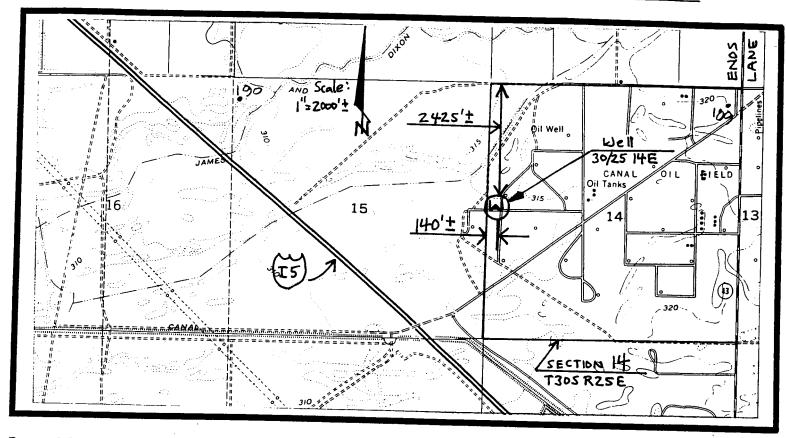
Owner's Signature Date	Authorized Agent or Agency Herr firm Date 10/4/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 10/4/00  Receipt # 9837
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  PApproved  Dicapproved  By:  Date:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:
By: 10/4/00	OR CONDITIONS OF PERMIT

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract
Parcel No
Assessor's Parcel No. 160-070-02

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25 E Section No. 14

		on No.: I	<del></del>
D	С	В	Α
E Owell	F	G	Н
M	L	K	J
N	Р	Q	R

1-\_\_\_\_\_ One Mile \_\_\_\_

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



June 19, 2000

#### RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department

Roads Department

**JUN** 2 1 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct four agricultural wells located in Sections 15-L, 16-D, 15-E, and 14-J of T30S, R25E, have been received and reviewed. The wells are located on Assessor's Parcel Numbers 160-080-02 (two wells), 160-080-01, and 160-070-03.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permits are outlined in the enclosure.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Directo

By: Thomas Hardy, R.F.H.S.

Environmental Health Specialist III

Water Quality Program

jrw

Enclosure

cc:

Files EH-460, EH-461,

EH-462, EH-463

(water\hardy\water bank-w23b)

Kern County Environmental Health Services Department 2700 "M" Street. Suite 300 Bakersiield. CA 93301 Phone (661) 862-8700 FAX (661) 862-8701



Permit # EH-46

## APPLICATION FOR PERMIT TO CONSTRUCTION. RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 5-31-00	PROPOSED STA	ART DATE 6-7-00
OWNER: KERN WHITER BANK	AUTHORITY	N
Mailing Address: 1300 30607	City	BARRAL Pered
DRILLING	Contractor's	Zip: <u>9338</u>
CONTRACTOR KLUISA	License	
Address: Box 80607		Phone: 389-8738
SUBCONTRACTOR: Drilling Consultant:	City:_	13AKERS+1EZC Zip: 9336
ALL	Tarm Pu-p Inc.	Phone:
Address:	City:	Zip:
	Sec 40 Ac	ere Sub
PROPERTY DESCRIPTION: Assessor's Parcel No.	.:160 07	70 03007
SITE ADDRESS if available:		TOTAL ACRES: 23/a
DIRECTIONS to Well Site: Ex/os LAnis	3/2 MI =	ITIL OF STOCKDALE HYU!
WEST ON MORTH SIDE OF	Phis of Annie	· BIOCKDALE AYU
	ESSIA ORGIL	
TYPE OF WORK TO BE DONE: (check one)	<u> </u>	
of the state of the bolde. (theth one)	New Well	□ Deepen
	o Reconstruction	□ Destruction
INTENDED USE:	CON	NSTRUCTION METHOD:
□ Domestic/private (1 connection)	2	Reverse Rotary
☐ Domestic/nonpublic (2-4 connections)☐ Domestic/public (5 or more conn.)		Rotary
Agricultural		Air Rotary
□ Test Hole	а	Other
□ Cathodic Protection		
Other		PROPOSED CASING:
		Type STEEL
SEALING MATERIAL (check one) GRAVE	I DACK ( I	Diameter 12" Gauge/Wall ///3
□ Neat Cement	L PACK: (check one)	Gauge/Wall
Cement Grout	es □ No	Conductor Depth
<del>_</del> •	es □ No 1 <u>9∞</u> To <u>7 x</u> Feet	
□ Other	1 10 10 reet	
		PROPOSED ANNULAR SEAL DEPTH:
PROPOSED WELL PROPOSED	PERFORATIONS	Unconsolidated /So +
CONSTRUCTION (DEPTH) OR S	CREEN:	Hardrock
Max. <u>160</u> Feet From <u>900</u>	To 200 Feet	Hardrock
Min. 700 Feet From	Γο Feet	
PENETRATES TWO OR MORE	PPODOCED umi	
AQUIFERS	LVOLOSED METT DE	STRUCTION SEAL DEPTH
□ Yes ☑No	DEPTH OF WELL TO	BE DESTROYED
		DESTROYED

#### **GENERAL CONDITIONS:**

2.

Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.

Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the

proposed starting date.

Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed.

Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features. 4

In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).

A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the 6.

placement of any seals or plugs.

Approval of water quality and final construction features is required before the well is put into use. 7.

Construction under this permit is subject to any instructions by Department representatives. 8.

Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 9. Order."

A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental 10. Health Services Department within 30 days after completion of the work.

"Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11. Department.

The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress 12. toward completion made. Fees are not refundable nor transferable.

Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.

Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the 14. County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

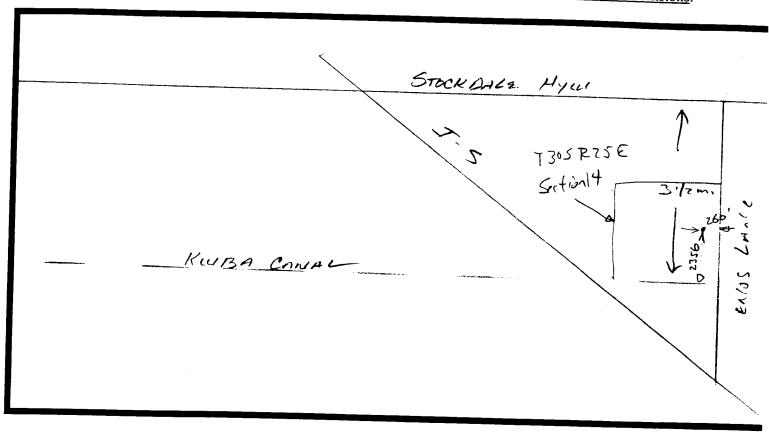
Owner's Aut Signature Date	thorized Agent or Agency MAC He / Lambda Date 5-3/-
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 5 31 00  Receipt # 5033 Cash Check (#34103)  Fee received by: Www.nelle Salms
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:  5/3/100	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: No

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersrield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	_
Parcel No	_
Assessor's Parcel No. 160-070-03	7

#### LOCATION

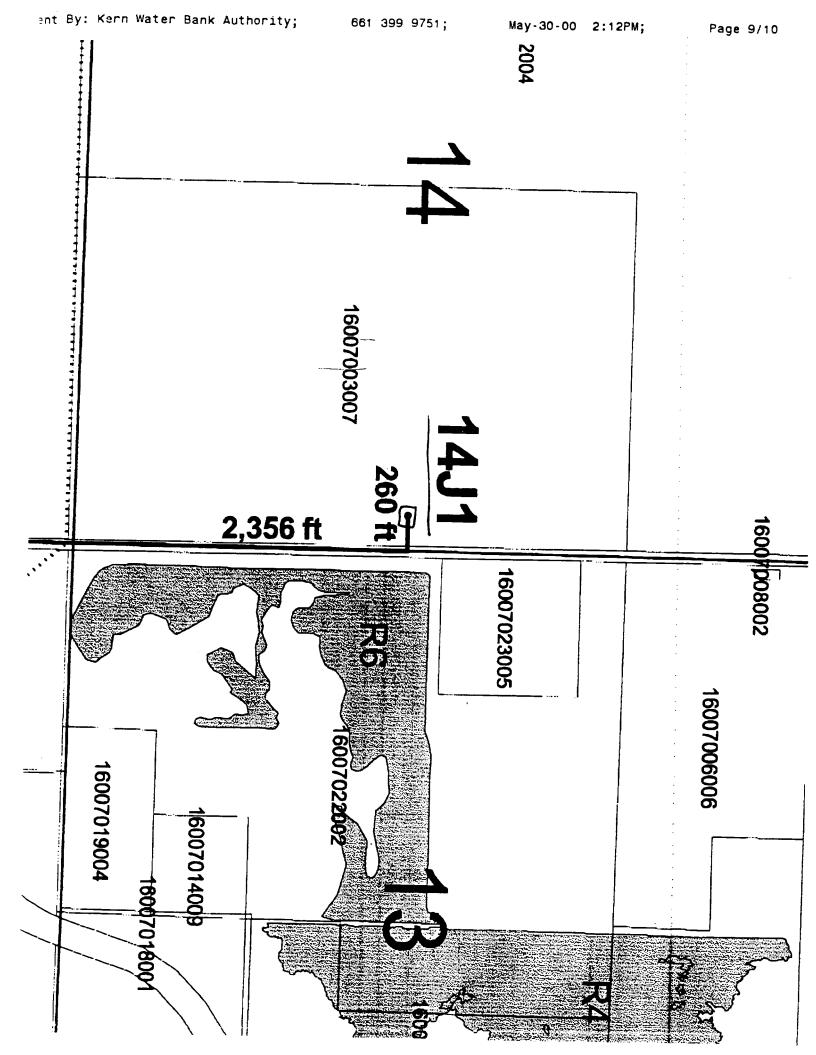
A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D	С	C B A				
E	F	G	H			
M	L	K	J'			
N	Р	Q	R			

1-\_\_\_\_\_One Mile \_\_\_\_\_\_-1



#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

> Planning Department Roads Department

October 8, 2001

OC 1 5 2001

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

#### Ladies and Gentlemen:

This is to advise you that your applications for permits to construct three agricultural wells have been received and reviewed. The wells will be located as follows:

EH-1013	160-050-04	T30S, R25E, Sestion 10-0
EB-101/2	160-070-03	T30S, R25E, Section 14-K
EH-1011	160-020-06	T30S, R25E, Section 4-N
Permit No.	<u>APN</u>	Township, Range, Section

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By:

Thomas Hardy, R.E.H.S

Environmental Health Specialist III

Water Quality Program

TH:jrw

cc:

Farm Pump & Irrigation, Drilling Consultant Files EH-1011, EH-1012, EH-1013

(water\hardy\eh1011-w23b)





## APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 10/05/2001	PROPOSED START DATE 10/22/2001
OWNER: KERN WATER BANK AUTHORITY	Phone: (661) 399-8735
Mailing Address: P. O. Box 80607	City BAKERSFIELD Zip: 93380-06
CONTRACTOR KWBA	ntractor's License Phone: (661) 399-8735
Address: P.O. Box 80607	City: <u>BAKERSFIELD</u> Zip: <u>93380-0607</u>
-SUBCONTRACTOR DRILLING CONSULTANT: FAR	M PUMP INC. Phone: (661) 589-6901
Address: P.O. Box 1477	City:Zip: 93263
JOB SITE: T 305 R 25E Sec	
PROPERTY DESCRIPTION: Assessor's Parcel No.:	160-070-03
SITE ADDRESS if available:	TOTAL ACRES: 235.65
DIRECTIONS to Well Site: Go South on Eno	Lane about 3 miles with from \$ Stockdo
Hum to KLIRA Main C	and. Go about 1/2 mile west on 10
m II lank t	mal. Go about 12 mile west on 10
Morth back of canal	, then about 1/2 mile north.
TYPE OF WORK TO BE DONE: (check one)	
	ew Well Deepen  construction Destruction
	Destruction :
INTENDED USE:  □ Domestic/private (1 connection)	CONSTRUCTION METHOD:
□ Domestic/nonpublic (2-4 connections)	Reverse Rotary
Domestic/public (5 or more conn.)	□ Rotary
Agricultural	☐ Air Rotary
□ Test Hole	Other
☐ Monitoring	
☐ Cathodic Protection	DRODOGED GLEDIE
□ Other	PROPOSED CASING:
	Type STEEL  Diameter 20"
SEALING MATERIAL (check one) GRAVEL PACK:	(check one) Gauge/Wall 38"
d Neat Cement	Conductor Depth 50' ±
Cement Grout	□ No
U Concrete From 900 To	200 Feet
Other	
PROPOSED WELL PROPOSED PERFORM	PROPOSED ANNULAR SEAL DEPTH:
COMPANIE TO THE COMPANIE TO TH	
	Hardrock
10 <u>DZ</u>	<u>reet</u>
Min To To To	_ Feet
PENETRATES TWO OR MORE PROPERTY PROPERT	POSED WELL DESTRUCTION SEAL DEPTH N/A
□ Yes No DEPT	H OF WELL TO BE DESTROYED
	TO BE DESTROTED

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.

  14. Permittee shall assume entire responsibility for all activities and uses under the
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	or Agency Hert Simme Date 19/05/20
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 33 Date Paid: 1050 Receipt # Cash A Check (# )
ZONING  Zone:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:  Yes No

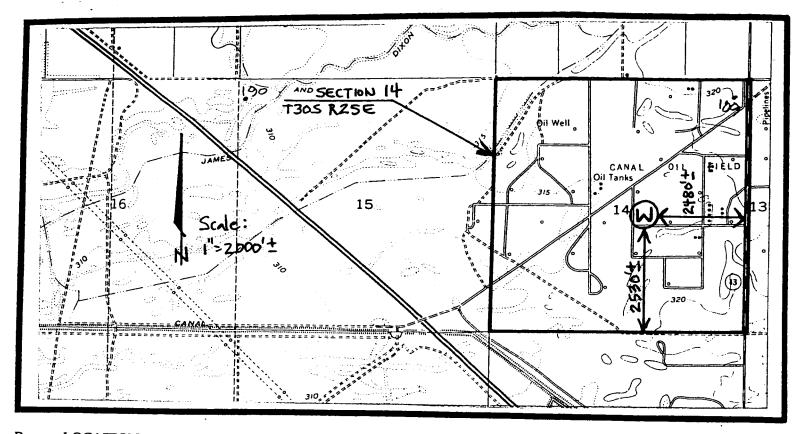
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

--Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract_	160	
Parcel No	070	
Assessor's Parcel No.	03	

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. Include dimensions.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

Section No.: 14				
D	С	В	A	
E	F	G	Н	
M	L	ຝ K	J	
N	Р	Q	R	

One Mile \_\_\_\_\_\_

**RESOURCE MANAGEMENT AGENCY** 

MAR 2 7 2000

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department

Roads Department

March 22, 2000

Kern Water Bank Authority Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-070-04, T30S, R25E, Section 14-N, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

116

Steve McCalley, Direct

Thomas Hardy, R.E.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-386

Hardy\Water\KernWaterBankA-w23b

ORIGINAL			
File with	<b>DWR</b>		

## WELL COMPLETION REPORT Refer to Instruction Pamphlet

_			
Page	1	of	2

Owner's	Well	No.	30/25	14NU1

Date Work Began 4/3/2000 , Ended 4/22/2000

Local	Permit	Agency	
D		FH-386	

KERN COUNTY ENVR. HEALTH DEPT. Permit No. EH-386

GFOLOGIC LOC

Permit Date 3/22/2000

DWR USE ONLY DO NOT FILL IN	
	l
STATE WELL NO./ STATION NO.	l
LATITUDE LONGITUDE	

		GEOLOGIC LOG	WELL OWNER
ORIENTA	TION (≰)	✓ VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)	WELL OWNER
		DRILLING REVERSE FLUID Bentonite	
	FROM FACE		Mailing Address P.O. Box 80607 Bakersfield CA 93390
Ft. to		DESCRIPTION  Describe material, grain, size, color, etc.	CITY S3300
0	10	SAND AND CLAY	WELL LOCATION STATE ZIP
10	20	SAND AND CLAY	Address NOIL
20		SAND AND CLAY	City CA
30		SAND AND CLAY	County Kern
40		SAND AND CLAY	APN Book 160 Page 070 Parcel 04
50		SAND AND CLAY	Township 30 S Range 25 E Section 14 SW SW SE
60	72		Latitude DEG. MIN. SEC. DEG. MIN. OF CO.
72	152	SAND	DEG. MIN. SEC. DEG. MIN. SEC.  LOCATION SKETCH — ACTIVITY (∠′) —
152	171	CLAY	NORTH V NEW WELL
171	205	SAND	Section Line MODIENTONIDEDAD
205	230	CLAY	— Deepen
230	253	SAND	
253	287	CLAY	DESTROY (Describe
287	291	SAND	DESTROY (Describe Procedures and Material Under Sectol OGIC LOG
291	297	CLAY	PLANNED USES (∠)
297	301	SAND	WATER SUPPLY
301	303	CLAY	O Domestic Public Industria
303	306	SAND	MONITOONIC
306	322	CLAY	N 100'± TEST WELL
322	332	SAND	ATHODIC PROTECTION
332	338	CLAY	HEAT EXCHANGE
338	347	SAND	KWBA MAIN (ANAL DIRECTPUSH
347	359	CLAY	VAPOR EXTRACTION
359	372	SAND	SPARGING
372	385	CLAY	SOUTH REMEDIATION Reserve of Well from Roads, Buildings,
385	394	SAND	Fonces, Rivers, etc. and attach a map. Use additional paper if secessary. PLEASE BE ACCURATE & COMPLETE.
394	422	CLAY	WATER LEVEL & YIELD OF COMPLETED WELL
422	426	SAND	DEPTH TO FIRST WATER 40 (FL) BELOW SURFACE
426	479	CLAY	DEPTH OF STATIC_
479	489	SAND	WATER LEVEL 65 (Ft.) & DATE MEASURED 4/15/2000
OTAL DE	PTH OF R	ORING 870 (Feet)	ESTIMATED YIELD • (GPM) & TEST TYPE
		O) (D) ETERD 1170 - 720	TEST LENGTH (Hrs.) TOTAL DRAWDOWN (Ft.)
J	11101 0	UMPLETED WELL 720 (Feet)	May not be representative of a well's long-term yield.

DEF FROM SI	PTH	BORE -					C	ASING (S)				EPTI			ANNI	II AD	MATERIAL
		HOLE DIA.	1	YPI	E (	<u>{</u>	MATERIAL /	INTERNAL	GAUGE	SLOT SIZE	FROM						PE
Ft. to	) Fl.	(Inches)	BLANK	SCREEN	S	FILL PIPE	GRADE	DIAMETER (Inches)	OR WALL THICKNESS	IF ANY (inches)	Ft	to	Ft	CE- MENT	BEN- TONITE	FILL	FILTER PACK
0	72	48	_	, ,	5	1						 —		<b>(</b> ∠)	(₹)	(⊻)	(TYPE/SIZE)
0	169	30		-	-	╀─	STEEL	35.5	0.25	NONE	0		72	1			
			~	_	<u> </u>	↓_	STEEL	18	.3125	NONE	0		135	1			
169	289	30		✓	ļ		STEEL	18	.3125	1		+-					
289	319	30	1	_	_		STEEL			.050	135	╁	140				FINE SAND
319	459	30	-		-	1		18	3125	NONE	140		740				GRAVEL
							STEEL	18	.3125	.050							
459	480	30	$\checkmark$				STEEL	18	.3125	NONE		+					

WINCUMENTS (X)
Geologic Log
Well Construction Diagram
— Geophysical Log(s)
Soil/Water Chemical Analysis
Other
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

	CERTIFICATION	STATEMENT	
I, the undersigned, certify that this report is com	plete and accurate to the	hast of my knowledge	
NAME_FARM PUMP & IRRIGATIO	NI	Desir Of HITY ICHOWHOUG	ye Bind Deller.
(PERSON, FIRM, OR CORPORATION)	(TYPED OR PRINTED)		

P.O. Box 1477

DRILLERAUTHORIZED REPRESENTATIVE

09/14/01

**ORIGINAL** File with DWR

STATE OF CALIFORNIA

T

ELL	<b>COMPLETION</b>	REPOR
	Refer to Instruction Pamp	hlet

Page 2 of 2	?			
Owner's	Well	Nο	30/25	14N01

Date Work Began 4/3/2000 Ended 4/22/2000

Local Permit Agency KERN COUNTY ENVR. HEALTH DEPT.
Permit No. EH-386 Permit Date 3/22/200 Permit Date 3/22/2000

DIVIN USE UNLT	DO NO! FILL IN												
STATE WELL	NO./ STATION NO.												
LATITUDE	LONGITUDE												
APN/T	APN/TRS/OTHER												

		GEOLOGIC LOG	T WELL OWNER		
ORIENTA	TION (Z)	-✓- VERTICAL HORIZONTAL ANGLE (SPECIFY)	Name Kern Water Bank Authority		
ORIENTA	TION (±)	ADII BNG	Mailing Address P.O. Box 80607		
DEPTH SURI		METHOD REVERSE FLUID Bentonite  DESCRIPTION	Bakersfield	CA 93380	
	Ft.	Describe material, grain, size, color, etc.	СПУ	STATE ZIP	
489	509	CLAY	Address NONE WELL LOCATION—		
509	516	SAND	City CA		
516	558	CLAY	County Kern	13.21.	
558	569	SAND			
569	599	CLAY	APN Book 160 Page 070 Parcel 04 Township 30 S Range 25 E Section 14	CIAL CIAL CE	_
599	615	SAND	Latitude	344 244 2E	—
615	648	CLAY	DEG. MIN. SEC.	DEG. MIN. SEC.	—
648	663	SAND	LOCATION SKETCH	ACTIVITY (Z)	
663	693	CLAY	NORTH	→ NEW WELL	
693	711	SAND		MODIFICATION/REPAIR	
711	740	CLAY		Deepen Other (Specify)	i
				l	
				<ul> <li>DESTROY (Describe Procedures and Mater</li> </ul>	ariale
				Under "GEOLOGIC L	OG
	-			PLANNED USES (*	۷)
			TS:	WATER SUPPLY  — Domestic — Public	с
			WE:	Imigation Indus	
				MONITORING	
				TEST WELL _	
				CATHODIC PROTECTION  HEAT EXCHANGE	
				DIRECT PUSH_	
				INJECTION	
				VAPOR EXTRACTION	
			SOUTH	SPARGING_	_
			Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if	REMEDIATION _	
			necessary. PLEASE BE ACCURATE & COMPLETE.	OTHER (SPECIFY)	
			WATER LEVEL & YIELD OF COMPLE		
			DEPTH TO FIRST WATER 40 (Ft.) BELOW SURFACE	<u> </u>	
			DEPTH OF STATIC WATER LEVEL 65 (Ft.) & DATE MEASURED		
			ESTIMATED YIELD * (GPM) & TEST TYPE		
TOTAL DE	PTH OF B	ORING 870 (Feet)	TEST LENGTH (Hrs.) TOTAL DRAWDOWN		
TOTAL DE	PTH OF C	COMPLETED WELL 720 (Feet)	May not be representative of a well's long-term yield		
				·	

DEP		BORF.	L					ASING (S)				DEPTH		ANNULAR MATERIAL					
FROM SURFACE BORE -		HOLE DIA	TYPE		E (		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	BUTEDALAL	22				ROM SURFACE			PE			
Ft. to	Ft.	(Inches)			BLANK	SCREEN	Š	DUCTOR	.I GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	FL	to	Ft	CE- MENT	BEN- TONITE	FILL (✓)	FILTER PACK (TYPE/SIZE)
480	710	30		<b>✓</b>	1	1	STEEL	18	.3125	.050			72	_	\ <u></u>				
710	720	30	✓				STEEL	18	.3125	NONE		,	135	1					
			_	_	↓	┶					135	;	140				FINE SAND		
			_	L	1	$\perp$		ļ			140		740				GRAVEL		
				L	1.	_													

ATTACHMENTS (∠)
Geologic Log
— Well Construction Diagram
Geophysical Log(s)
- Soil/Water Chemical Analysis
Other
ATTACH ADDITIONAL MICODIA TON IT TO THE

CERTIFICATION STATEMENT -	
the undersigned, certify that this report is complete and accurate to the best of my knowledge	and holief
VAME FARM PUMP & IRRIGATION	and politic
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)	
P.O. Box 1477 Shafter	CA 93263
ADDRESS CITY	STATE ZIP
igned	
territoria formation and the second s	SIGNED C-57 LICENSE NUMBER

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



March 22, 2000

#### **RESOURCE MANAGEMENT AGENCY**

DAVID PRICE III, RMA DIRECTOR

**Roads Department** 

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department

Box 80607 Bakersfield, CA 93380-0607

Kern Water Bank Authority

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-070-03, T30S, R25E, Section 14-R, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Directo

Thomas Hardy, R.E.H.S. Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-387

Hardy\Water\KernWaterBank-w23b

#### **ORIGINAL** File with DWR

#### STATE OF CALIFORNIA

WELL COMPLETION REPORT

Page	1	of 2	

Owner's Well No. 30/25 14R01

Refer to Instruction Pamphlet

M-	

)ate	Work	Regan	4/23/2000	F-4-

-, Ended 5/7/2000

Local Permit Agency KERN COUNTY ENVR. HEALTH DEPT.
Permit No. EH-387 Permit Date 3/22/200

Permit Date 3/22/2000

DWR USE ONLY - DO NOT FILL IN STATE WELL NO./ STATION NO. LATTUDE LONGITUDE APN/TRS/OTHER

ORIENTA	TION (∠)	GEOLOGIC LOG  VERTICAL HORIZONTAL ANGLE (SPECIFY)	
SURF		METHOD REVERSE FLUID Bentonite  DESCRIPTION	Mailing Address P.O. Box 80607  Bakersfield CA 93380
Ft to		Describe material, grain, size, color, etc.	CITY STATE ZIP
75		SAND AND CLAY	AddressWELL LOCATION
		CLAY	City CA
85		CLAY	County KERN
115	155		APN Book 160 Page 070 Parcel 03
155		CLAY	Township 30 S Range 25 E Section 14 SE SE SE
170	183		Latitude
183		CLAY	DEG. MIN. SEC. DEG. MIN. SEC.
197		SAND	LOCATION SKETCH ACTIVITY () -
208	229		NEW WELL
229		SAND	MODIFICATION/REPAIR
240		CLAY	- Deepen Other (Specify)
246	293	SAND	w
293	327	CLAY	2 — DESTROY (Describe Procedures and Materia
327	345	SAND	
345	404	CLAY	Under "GEOLOGIC LOC PLANNED USES ( $\angle$ )
404	410	SAND	WATER SUPPLY
410	464	CLAY	15 10 at 1 trination Industri
464	467	SAND	So'± Z W MONITORING —
467	474	CLAY	TESTWELL
474	494	SAND	CATHODIC PROTECTION
494	511	CLAY	KWB MAIN CANAL HEATEXCHANGE
511		SAND	DIRECT PUSH
514		CLAY	VAPOR EXTRACTION
532		SAND	SPARGING
533		CLAY	SOUTH REMEDIATION Report of Well from Roads, Buildings,
579		SAND	Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.
589		CLAY	
631		SAND	WATER LEVEL & YIELD OF COMPLETED WELL
650		CLAY	DEPTH TO FIRST WATER 45 (FL) BELOW SURFACE
677		SAND	DEPTH OF STATIC WATER LEVEL 60 (Ft.) & DATE MEASURED
			ESTIMATED YIELD • (GPM) & TEST TYPE
		ORING 720 (Feet)	TEST LENGTH (Hrs.) TOTAL DRAWDOWN (FL)
OTAL DE	PTH OF C	OMPLETED WELL 700 (Feet)	May not be representative of a well's long-term yield.
·			inal not be representative of a well's long-term yield.

DEF		BORE -	L				C.	ASING (S)				D.C.			ANNI	II AD	MATERIAL
FROM SU	JRFACE	HOLE DIA.		YPI	Ε ( <u>·</u>		MATERIAL /	INTERNAL	GAUGE	01.07.07	FRO		PTH URFACE				YPE
Ft. to	Ft.	(Inches)	BLANK	SCREEN	CON-	FLP	GRADE	DIAMETER (Inches)	OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	Ft	. t	o Ft	1	BEN- TONITE		FILTER PACK (TYPE/SIZE)
0	82	48			1		STEEL	35.5	0.25	NONE	<u> </u>	Λ	82	(7)	(2)	(₹)	
0	199	30	<b>✓</b>				STEEL	18	.3125	NONE	<b></b>	0					
199	339	30		<b>✓</b>	1		STEEL	18	.3125	0.070	1	65	165 170				ENE CAND
339	369	30	1				STEEL	18	.3125	NONE		70	720				FINE SAND GRAVEL
369	554	30		<b>√</b>			STEEL	18	.3125	0.070	<u> </u>	<del></del>	120				GIVAVEL
554	574	30	1				STEEL	18	.3125	NONE	<u> </u>						

ATTACHMENTS (∠)
Geologic Log
Well Construction Diagram
Geophysical Log(s)
Soil/Water Chemical Analysis
Other
ATTACH ADDITIONAL INCORMATION IS IT IT INCOME.

CERTIFICATION				
the undersigned, certify that this report is complete and accurate to the t	nest of my kno	wind has anhalus		
NAME FARM PUMP & IRRIGATION	or or my ran	A MOODE ON ICI DESIGN.		
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)				<del></del>
P.O. Box 1477	Shafter		CA	93263
ADDRESS // /	cm	/	STATI	
Signed MUU TILIT	0	09/14/01	SIAII	<del>602110</del> 602148
WELL DRILLER/AUTHOREZED/REPRESENTATIVE		DATE SIGNED		C-57 LICENSE NUMBER
				A AL PIOPINGE HOMBEN

#### **ORIGINAL** File with DWR

#### STATE OF CALIFORNIA

WELL COMPLETION REPORT

,	insi
	No.

P	900	7	Λf	1

Owner's Well No. 30/25 14R01

Date Work Began 4/23/2000

\_\_\_\_, Ended 5/7/2000

Local Permit Agency KERN COUNTY ENVR. HEALTH DEPT
Permit No. EH-387
Permit Date 3/22/200

Permit Date 3/22/2000

DWR USE ONLY - DO NOT FILL IN STATE WELL NO./ STATION NO. LATITUDE LONGITUDE APN/TRS/OTHER

		GEOLOGIC LOG	WELL OWNER -		
ORIENTAT	TION (≰)	VERTICAL HORIZONTAL - ANGLE (SPECIFY)			
		DRILLING REVERSE FLUID Bentonite	Mailing Address P.O. Box 80607		
DEPTH SURE		DESCRIPTION DESCRIPTION	Bakersfield	CA 9	3380
Ft. to		Describe material, grain, size, color, etc.	СПУ	STATE	ZIP
680	720	CLAY	Address WELL LOCATION—		
			City CA		
			County KERN		
			APN Book 160 Page 070 Parcel 03		
			Township 30 S Range 25 E Section 14	SE SE SE	
			Latitude	OL OL OL	
			DEG. MIN, SEC.	DEG. MIN.	SEC.
			LOCATION SKETCH	ACTIVITY	(⊻) —
			,	→ NEW WELL	
				MODIFICATION/RE  Deepen	
				Other (S	
				DESTROY (De Procedures an	nd Materials
				Under "GEOL(	
			<u>.</u>	PLANNED USI WATER SUPPLY	ES (∠)
			WEST	— Domestic — _✓ Irrigation —	- Public
			<b>3</b>	_	
				MONITOF TEST W	VELL
				CATHODIC PROTECT	
				HEAT EXCHA	NGE
				DIRECTP	
				NJECT	
				VAPOR EXTRACT	
			SOUTH SOUTH State or Describe Distance of Well from Roads, Buildings,	REMEDIAT	
			Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.	OTHER (SPEC	IFY)
			WATER LEVEL & YIELD OF COMPLE		1
			DEPTH TO FIRST WATER 45 (Ft.) BELOW SURFACE		ļ
			DEPTH OF STATIC WATER LEVEL 60 (FL) & DATE MEASURED		
OTAL DES	TUCES		ESTIMATED YIELD • (GPM) & TEST TYPE		
		ORING 720 (Feet)	TEST LENGTH (Hrs.) TOTAL DRAWDOWN	(F4.)	
OTAL DEP	TH OF CO	OMPLETED WELL 700 (Feet)	May not be representative of a well's long-term yield.	- (rt.)	1
5500			The state of the s		

DEPTH FROM SURFACE Ft to Ft		BORE -		CASING (S)				DEPTH		ANNULAR MATERIAL						
		HOLE DIA (Inches)	BLANK	SCREEN 4	CON- DUCTOR	FILL PIPE	MATERIAL / GRADE	INTERNAL DIAMETER (Inches)	GAUGE OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	FROM SURFACE		BEN- TONITE	FILL	FILTER PACK (TYPE/SIZE)	
574 690	690 700	30 30	✓	✓			STEEL STEEL	18 18	.3125 .3125	0.070 NONE	0	82 165	₹	( <u>v</u> )	( <del>x</del> )	
											165 170	170 720				FINE SAND GRAVEL

ATTACHMENTS (∠)	
Geologic Log	
Well Construction Diagram	
Geophysical Log(s)	
Soil/Water Chemical Analysis	
Other	
ATTACH ADDITIONAL INFORMATION IF IT FYISTS	

CERTIFICATION	STATEMENT -			_
the undersigned, certify that this report is complete and accurate to the	nest of my knowledge and	haline		- !
NAME FARM FUMP & IRRIGATION	out or my ratiowipungs and	Deliet.		- 1
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)				- 1
P.O. Box 1477	Shafter	CA	93263	- 1
ADDRESS // / / //	СПУ		30200	-
Signed	09/14/0	STATE 1 <b>60</b>	<del>2118</del> 602 <i>148</i>	ı
WELL DRIVERIAUTHORIZED REPRESENTATIVE	DATE SIGN		7 LICENSE NUMBI	

APPLICATION FOR WATER WELL DRILLING PERMIT ENVIRONMENTAL HEALTH DIVISION KEPN COUNTY HEALTH DEPARTMENT

ORITHING COMPANY I	**************************************
GAME AND ADDRESS KOD DRILLING	C572887/3
6201 Wible Rd 5964 93309	C57288763 LICENSE NUMBER
PLAT TO COMMENCE URILLING, DEEPENING, RECONDITIONING, DE	ESTRUCTION OF A
ROTARY X, CABLE TYPE WELL,	
AGRICULTURAL WELL , PRIVATE DOMESTIC WELL , DOMESTIC WELL WITH 2	2 OR MORE CONNECTIONS
ON PROPERTY OWNED BY TENNECO WEST	,
WHOSE MAILING ADDRESS IS PO. Box 9380 93309	
LEGAL DESCRIPTION OF PROPERTY AND DIRECTIONS FOR LOCATING WELL SITE	TOD INCOFORTIONS
(6015.3) 1300'S & 1300'W of NE Co	SEC 15
USE ADDITIONAL SHEET OR BACK OF FORM FOR CONTINUED INFORMATION)	
NOR TH	NOR TH
/360 LOCATE WELL IN	
BOOW SECTION. DRAW IN	1
FEATURES SUCH AS	1
NEW, NEAREST STREET,	
WELL RAILROAD. INDICATE DISTANCES.	1
_	F 00
SEC 15 USE TO SHOW OWNERS W	EAS
I NOTER I , HIS HOME	
SEWAGE LINES, ETC	
7305: R25E SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION	
THE WEEL LOCATION	
•	
SOUTH	SOUTH
SUBMITTED BY: Dunty Donne AS AGENT FOR Kain DA	•
(SICNATION)	lling
FOLLOWING IS FOR OFFICE USE ONLY	LIENT'S NAME)
DISAPPROVED APPROVED SUBJECT TO THE FOLLOWING	CONDITIONS
	<del></del> :
BY Maria Meaks "14	
KERN COUNTY PLANNING COMMISSION	
DATE: 5-28-76	
+ * * * * * * * * * * * * * * * * * * *	* * * * *
- TO MEMORIA .	
BY:	
DATE:	
PERMIT NO.	

KCHD # 306 DH (10/71).

KCHD # 306 TH (10/71).

ENVIRONMENTAL HEALTH DIVISION
KEPN COUNTY HEALTH DEPARTMENT

DRILLING COMPANY	Deillina	C <i>5</i> 7 288 76 3
-	Nible Rd 2064 933	C 57 288 763 LICENSE NUMBER
	, DEEPENING , RECONDITIONING ,	
_	TYPE WEL	
	E DOMESTIC WELL . DOMESTIC WELL WIT	TH 2 OR MORE CONNECTIONS,
ON PROPERTY OWNED BY		
	0.Bx 9380, 93	
(6015-2) 1300'S	e 1300 E N N.W. Ca	TE FOR INSPECTIONS AS FOLLOWS:
	. 0	
	CK OF FORM FOR CONTINUED INFORMATION)	
NORTH	<del>1</del> +	NOR TH
1300'E) 1300'S' NEW	LOCATE WELL IN	
1300'E)	SECTION. DRAW IN	
NEW	FEATURES SUCH AS NEAREST STREET,	<b>,</b>
WELL .	RAILROAD. INDICATE	
	DISTANCES.	<b>-</b>
CE/ 15	USE TO SHOW OWNERS	E A S
SEC 15	PROPERTY, HIS HOME	
	SEWAGE LINES, ETC AS THEY RELATE TO	
SEC 15 T305 R251	THE WELL LOCATION	
SOUTH	<del></del>	SOUTH
SUBMITTED BY: XICAMI, D	Runch AS AGENT FOR TIDD	: 46 :
(SIGNATURE)		OR CLIENTS NAME)
	FOLLOWING IS FOR OFFICE USE ONLY -	V
DISAPPROVEDPPROVED	APPROVED SUBJECT TO THE FOLLOW!	NG CONDITIONS
BY Williams Melalo "	40	
KERN COUNTY PLANNING COMMIS	SION	
DATE: 5-28-76	* * * * * * * *	* * * * * * *
HEALTH DEPT REMARKS:		
BY:		
DATE:		The first the Total State of the State of th
PERMIT NO.		warm # and my (20/02)

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



April 14, 2000

#### **RESOURCE MANAGEMENT AGENCY**

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department

Roads Department

P. O. Box 80607 Bakersfield, CA 93380-0607

Kern Water Bank Authority

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-080-02, T30S, R25E, Section 15-N, has been received and reviewed.

No additional conditions will be required at this time.

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If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley Directo

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-399

KernWaterBank-EH399-w23b

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701



Permit # EH-399

## APPLICATION FOR PERMIT TO CONSTRUCT, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE:	3-17-00	PROPOSED START DATE: 3-72-40
	BANK AUTHORIT	
Address: Box 80607	City:	BAKURS 11520 21p: 93380 0607
	P. J	Phone: (661-589-69
Address: 130x 1477	city:	ShAFTER Zip: 93263
SUBCONTRACTOR:		Phone:
Address:	City:	Zip:
JOB SITE: WELL 15N	Assessor's Parcel No	c. 15 40 Acre Sub. N 2 .: 160-080-09  TOTAL ACRES: 355.98
SITE ADDRESS if available :		
DIRECTIONS to Well Site:	ENOS LANT 3.9	MILES SOUTH OF STOCKDALE H
MIEST ON MORTH 3	BE OF CAMA	
TYPE OF WORK TO BE DONE: (CINTENDED USE:  Domestic/private (1 colored Domestic/public (2-Domestic/public (5 or Agricultural Test Hole Monitoring Cathodic Protection Other	□ Recorponnection) -4 connections)	Deepen Destruction  CONSTRUCTION METHOD: Reverse Rotary Rotary Air Rotary Other
SEALING MATERIAL: (check of Neat Cement  Cement Grout  Concrete  Other  PROPOSED WELL  CONSTRUCTION (DEPTH)  Max. 800 Feet  Min. 700 Feet	PROPOSED PERFO OR SCREE  From 710 To 5	Type STEEL  Diameter /8'  300 Feet Depth 800  Conductor Depth 70-100  Gauge/Wall 3//6  RATIONS WELL CONSTRUCTION OR DESTRUCTION PROPOSED SEALS/PLUGS:  320 Feet Annular 300'±
PENETRATES TWO OR MORE		PROPOSED WELL DESTRUCTION Well Depth MA ft

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access and flood plain clearances prior to approval of the Environmental Health Services Dept. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed 2. starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at 3. which an inspection is required unless inspection is waived or completed.
- Other required inspections include: setting conductor casing, E-logs, all annular seals, and final construction features. 4.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement 6. of any seals or plugs.
- Approval of water quality and final construction features are required before the well is put into use. 7.
- Construction under this Permit is subject to any instructions by Department representatives. 8.
- Any misrepresentation or non-compliance with required Permit Conditions, or regulations, will result in issuance of a "Stop Work Order". 9.
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health 10 Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department. 11.
- The permit is void on the ninetieth (90) calendar day after date of issuance if work has not been started and reasonable progress toward 12. completion made. Fees are not refundable nor transferable.
- Lead appurtenences shall not be used in construction of any private or public water supply system. The use of solders containing more 13. than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility of all activities and uses under this Permit and shall indemnify, defend and save the County 14. of Kern and/or Kern County Water Agency, its officers, agents, and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this Permit, including, but not limited to, property demage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to insure compliance with the pertinent regulations. F.D. I

Owner's Signature 14 firms Date 3/17	Drilling Contractor Market 14- Date 3-17-00
INTERNAL USE ONLY Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 3-17-00  Receipt #2077 Cash Theck (#34333  Fee Received by: A Tanton.
ZONING	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
Zone:	E-Log Required: 🗆 Yes 🗀 Nọ
Access Approved:	Gravel Chute Required:
BY: 7 AMUS DATE: 3/17/00	

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

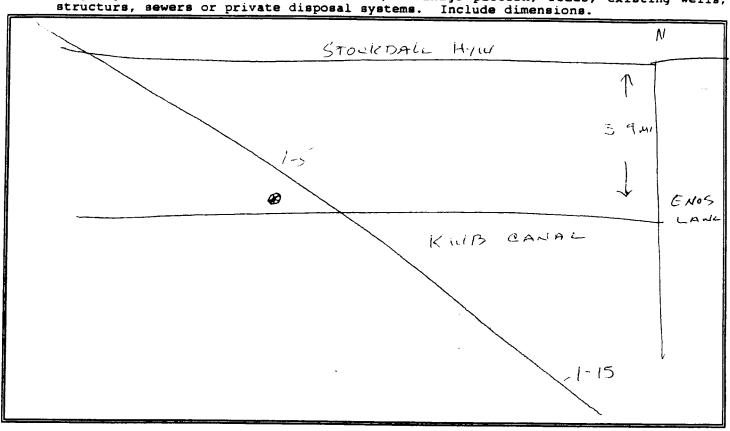
Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701

	Parcel	No.:	
Assessor's	Parcel	No.:	160080-

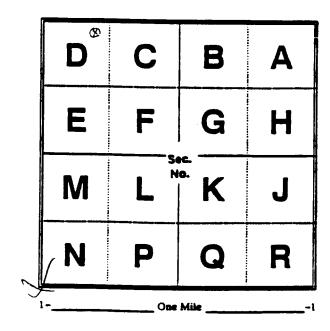
Parcel Map/Tract.

#### **LOCATION**

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses, drainage pattern, roads, existing wells, structurs, sewers or private disposal systems. Include dimensions.



B. LOCATION OF WELL WITHIN SECTION LINES--Locate well by measuring from proposed site in relation to section lines or 1/2 section lines.



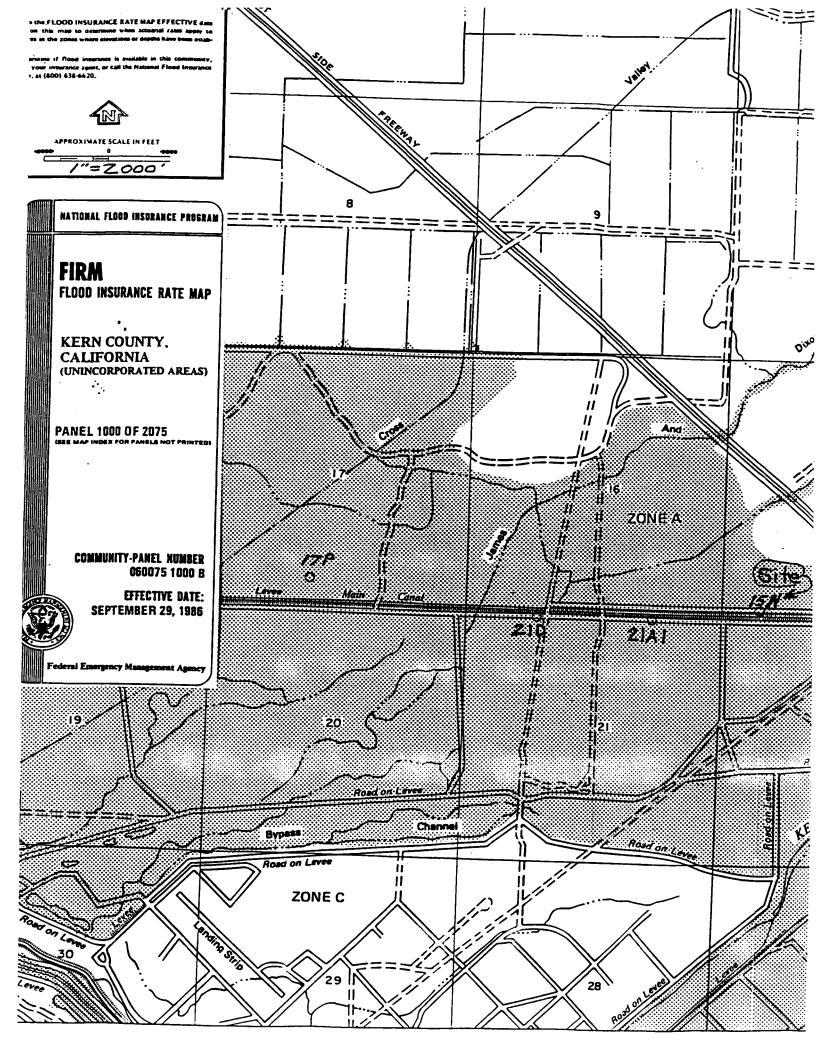
# DEPARTMENT OF ENGINEERING & SURVEY SERVICES FLOOD PROTECTION REQUIREMENTS

In response to a request dated *April 3, 2000*, a flood hazard evaluation was performed for:

Building Permit Number: <u>Well 15N</u>
Applicant: Kern Water Bank Authority
Assessor's Parcel Number: 160-080-0Z
Street Address:
Section Township/Range: Sec. 15, T. 30S., R. 25 E.
Date completed: <u>April 4, 2000</u> File: 14/. 1. 121.15.
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and a fee is not required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
[ ]foot/feet above the prevailing ground level (see note) at the location of the well site.
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
Two feet above the prevailing ground level (see note) at the location of the well site or one foot above the perimeter levee, whichever is higher.
Reviewed by:
Note: Prevailing ground level is the highest natural elevation of the ground surface prior to

construction, upstream and next to the proposed walls of the structure.

GENERAL INFORMATION:
The documents reviewed to perform this evaluation are as indicated:
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 / 1000 B effective September 6, 1995.
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[ ] Parcel Map/Tract Map/Approximate Study
BASIS:
The well site is located in an area subject to flooding from
and
Within FEMA FIRM Zone
[ ] Within FEMA FBFM limits (see alternate #2).
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
[ ] Floodplain Zone A.
Therefore, the 100-year storm event flood conditions are as follows:
Flow depth of  Base flood elevation of  Average flow velocity of  Flow depth of  foot
ALTERNATIVE #1:
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.
ALTERNATE #2:
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.
If you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (805) 862-5100.
Attachments cc: Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park [ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi



### FLOOD PROTECTION REQUIREMENTS FOR A WELL

In response to a request dated <u>Mar. 23, 2000</u> , a flood hazard evaluation was performed for:
building Permit Number:
Applicant: Jeff ; June Spindler
Assessor's Parcel Number: 352-201-42
Street Address: 1508 Indian Wells Ct., East of Invokern
Section Township/Range: <u>Sec. 28, 7.765.</u> , R. 39E.
Date completed: <u>April 3, 2000</u> File: <u>/4/./.47.28.</u> /
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and a fee of \$180. is required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
Site. Site.
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation  Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
site or one foot above the prevailing ground level (see note) at the location of the well backwater condition, whichever is higher. A possible
Reviewed by:
Note: Prevailing and the state of the state

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

коно # 306 ЕН (10/71).

ENVIRONMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT

APPLICATION FOR WATER WELL DRILLING PERMIT

* * * * * * * * *	* * * * * * * * *	* * * * * * * *	* * * * * * * *	* * * * * * * * * *	* * * *
D ING COMPANY HAVE AND ADDRESS (6D15-1)		9 RJ 8069	93307	C.57288 LICENSE NUMBER	-743
PLAN TO COMMENCE				STRUCTION, OF	A
ROTARY , CABL	•			FOR THE PURPOSE OF	
	•	_	-	OR MORE CONNECTION	15,
	D BY <u>TENNE</u>			<u> </u>	
	DRESS IS PO. BUS			73.30	2
	and 70.	€ 0/ 5		FOR INSPECTIONS AS	FOLLOWS
USE ADDITIONAL	SHEET OR BACK OF F	ORM FOR CONTINUE	D INFORMATION)		
NORTH	Po'N	LOCATE WELL IN SECTION. DRAW FEATURES SUCH NEAREST STREE RAILROAD. INCOMPANCES.  USE TO SHOW PROPERTY, HE SEWAGE LINE AS THEY RELETED.	IN HAS  OCATE  OWNERS  IS HOME  S, ETC  ATE TO	SOUTH	
SUBMITTED BY:	A Done	AS AGENT	FOR COMPANY OR	Millary CLIENT'S NAME)	
	FOLL	OWING IS FOR OFF	TOE USE ONLY		
DISAPPROVED	APPROVED /	APPROVED SUBJECT	TO THE FOLLOWING	CONDITIONS:	
KERN COUNTY PLA DATE: April	Men A ANNING COMMISSION 7,1976	* * *	* * * *		* *
ALTH DEPT RE	EMARKS:				
BY:					
DATE:					
PERMIT NO.					20/071

### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

**RESOURCE MANAGEMENT AGENCY** 

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 10, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

> Planning Department Roads Department

OCT 1 3 2000

Kern Water Bank Authority
P. O. Box 80607
Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-080-01, T30S, R25E, Section 16-B, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.S

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation, drilling consultant

File EH-565

Hardy\Water\KWater-w23b



Permit # <u>FH-565</u>

APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

	DELI EN C	R DESTROY A WELL
APPLICATION DATE: 10/04/2	2000 PROPOSED STAF	PEDATE Waste
OWNER: KERN WATER B	ANK AUTHORITY	RT DATE ///01/2000 Phone: (661) 399-8735
Mailing Address: P. O. Box	80607	Phone: (661) 399-8735
DRILLING	ON ON	KERSFIELD Zip: 93380-06
CONTRACTOR KWBA	Contractor's	
Address: P.O. Box 80607		Phone: (661) 399-8735
SUBCONTRACTOR DRILLING C	City:	KERSFIELD Zip: 93380-0607
Address: PA Rose 1117	MUSULIANT. PAPM PIII.A I	
7.0. Dox 7717	City:	C. Phone: (661) 589 - 6901 HAFTER Zip: 93263
PROPERTY DESCRIPTION: Assess	S R 25E Sec. 16 40 Acre	
SITE ADDRESS if available:	sor's Parcel No.: 160-080-0	1023
	N/A	TOTAL ACRES: 334-26
DIRECTIONS to Well Site:	ake Enos Lane 3 miles	outh + 51 1/1/
Go	west on north side or	
	THE DIE	F KWBA Canal.
TYPE OF WORK TO BE DONE: (check	one) New Well	
	□ Reconstruction	☐ Deepen☐ Destruction☐
INTENDED USE:		
☐ Domestic/private (1 connection)		TRUCTION METHOD:
□ Domestic/nonpublic (2-4 connections)		everse Rotary  otary
Domestic/public (5 or more conn.)  Agricultural	. ПА	r Rotary
☐ Test Hole	□ Ot	her
☐ Monitoring		
□ Cathodic Protection		
Other		PROPOSED CASING:
o outer	<del>_</del>	TypeSTEEL
SEALING MATERIAL (check one)		Diameter 20"
□ Neat Cement	GRAVEL PACK: (check one)	Gauge/Wall 3/8"
Cement Grout		Conductor Depth 50' ±
□ Concrete	A Yes $\square$ No	
□ Other	From 900 To 200 Feet	
PROPOSED WAY -	_	PPODOSED ADDRESS -
PROPOSED WELL	PROPOSED PERFORATIONS	PROPOSED ANNULAR SEAL DEPTH: Unconsolidated 200'±
200 -	OR SCREEN:	Hardrock
) (in 700 p	From <u>880 To 220</u> Feet	1 AM CHOULK
riui. 700 Feet	From To Feet	
PENETRATES TWO OR MORE	PROPOSED WELL DEC	
AQUIFERS	TROPOSED WELL DEST	RUCTION SEAL DEPTH N/A
□ Yes No	DEPTH OF WELL TO BE	DESTROYED A
THIS ADDITION TO		

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

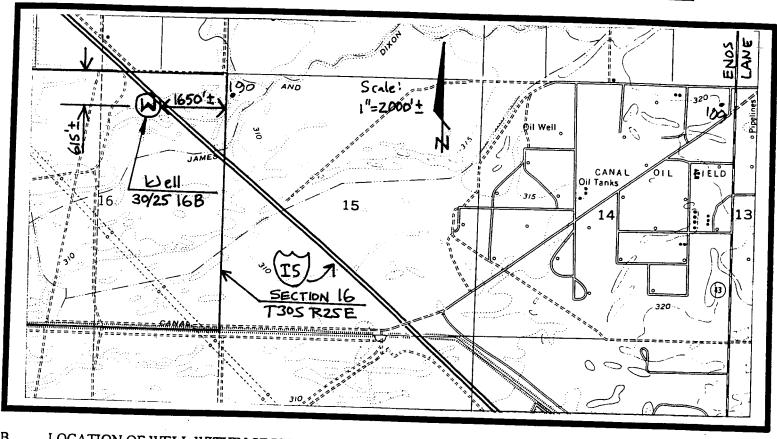
Owner's A Signature Date	or Agency New Jimmons Date 10/4/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: <u>3755</u> Date Paid: <u>10   4  00</u> Receipt # 9831
ZONING  Zone:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:  Gravel Chute Required:  OR CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract
Parcel No
Assessor's Parcel No. 160 - 080 - 01

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25 E Section No. 16

D C B A

E F G H

M L K J

N P Q R

0ne Mile \_\_\_\_\_

### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

#### RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



June 19, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

Planning Department Roads Department

JUN 2 1 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct four agricultural wells located in Sections 15-L, 16-D, 15-E, and 14-J of T30S, R25E, have been received and reviewed. The wells are located on Assessor's Parcel Numbers 160-080-02 (two wells), 160-080-01, and 160-070-03.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permits are outlined in the enclosure.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Directo

By: Thomas Hardy, R.F.H.S.

Environmental Health Specialist III

Water Quality Program

jrw

**Enclosure** 

cc:

Files EH-460, EH-461, EH-462, EH-463

(water\hardy\water bank-w23b)

Kern County
Environmental Health Services Department
2700 "M" Street. Suite 300
Bakersrield. CA 93301
Phone (661) 862-8700
FAX (661) 862-8701





Permit # EH-461

# APPLICATION FOR PERMIT TO CONSTRUCTION. RECONSTRUCT, DEEPEN OR DESTROY A WELL

A DDI LO A TITONA TO A TITO		
APPLICATION DATE: 3-3	/- 00 PROPOSED ST	ART DATE 6-7-00
OWNER: KEEN CHHTE	R EMUK PUTHORITY	Phone: 399 - 8738
Maning Address: /564 606	07City_	BAKERSfield Zip: 93380
DRILLING	Contractor's	
CONTRACTOR KWBA	License	Phone: 399 - 87 38
Address: Box Box	2607 City:_	BAKARCHURD d = ====
SUBCONTRACTOR: DITTING TO	nsultant: Farm Pump	Phone:
Address:	City:	Zip:
DROPERTY PERCENTAGE	305 R 75E Sec. 16 40 A	cre Sub
	essor's Parcel No.: 160 OE	30 01004
SITE ADDRESS if available:		TOTAL ACRES: 623
DIRECTIONS to Well Site:	65 LANE 31/2 MI. SOL	TH OF STOCKDOLE HELD
MEST ON MORTH	SIDE OF KWBA CANAC	
TYPE OF WORK TO BE DONE: (che		□ Deepen
	□ Reconstruction	□ Destruction
INTENDED USE:	СО	NSTRUCTION METHOD:
<ul><li>□ Domestic/private (1 connection)</li><li>□ Domestic/nonpublic (2-4 connection)</li></ul>	)	Reverse Rotary
□ Domestic/public (5 or more conn.)	·	□ Rotary
☑ Agricultural		□ Air Rotary □ Other
□ Test Hole		
☐ Monitoring☐ Cathodic Protection		
□ Other		PROPOSED CASING:
	<del></del>	Type STEE
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)	Diameter 18 Gauge/Wall 5/16
□ Neat Cement		Conductor Depth 30 1
Cement Grout	er Yes □ No	
□ Concrete □ Other_	From 500 To ZocFeet	
<del></del>		PRODOSED ANDRU AD CEAL DEDWIN
PROPOSED WELL	PROPOSED PERFORATIONS	PROPOSED ANNULAR SEAL DEPTH: Unconsolidated /SO +
CONSTRUCTION (DEPTH)	OR SCREEN:	Hardrock
Max. $\frac{900}{700}$ Feet	From 700 To 7 70 Feet From To Feet	
	110m 10 Feet	
PENETRATES TWO OR MORE	PROPOSED WELL D	ESTRUCTION SEAL DEPTH
AQUIFERS □ Yes ❷ No		
	DEFIH OF WELL TO	BE DESTROYED

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
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- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	horized Agent or Agency Mill Sky / Free Date 5-31-0
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 5/31/00  Receipt # 5033 Date Paid: 5/31/08  Fee received by: Wulle Saling
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Disapproved  By:  Date:  Disapproved  Disapproved  Disapproved	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:

THIS APPLICATION BECOMES A PERMIT WHEN APPROVED

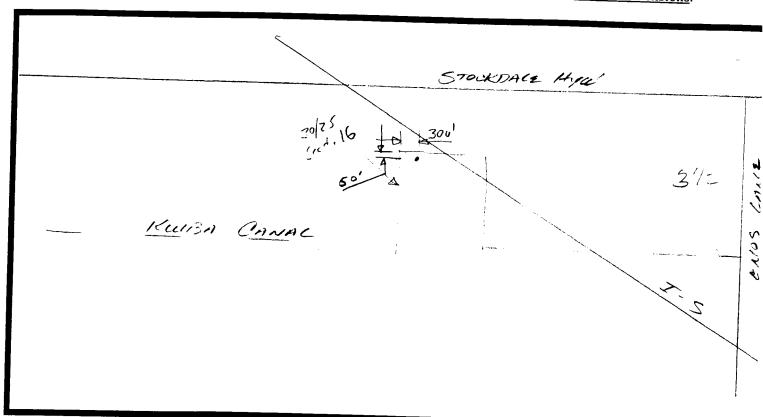
Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

W54

Parcel/Map/Tract	_
Parcel No	
Assessor's Parcel No. 160-080-0	)

#### LOCATION

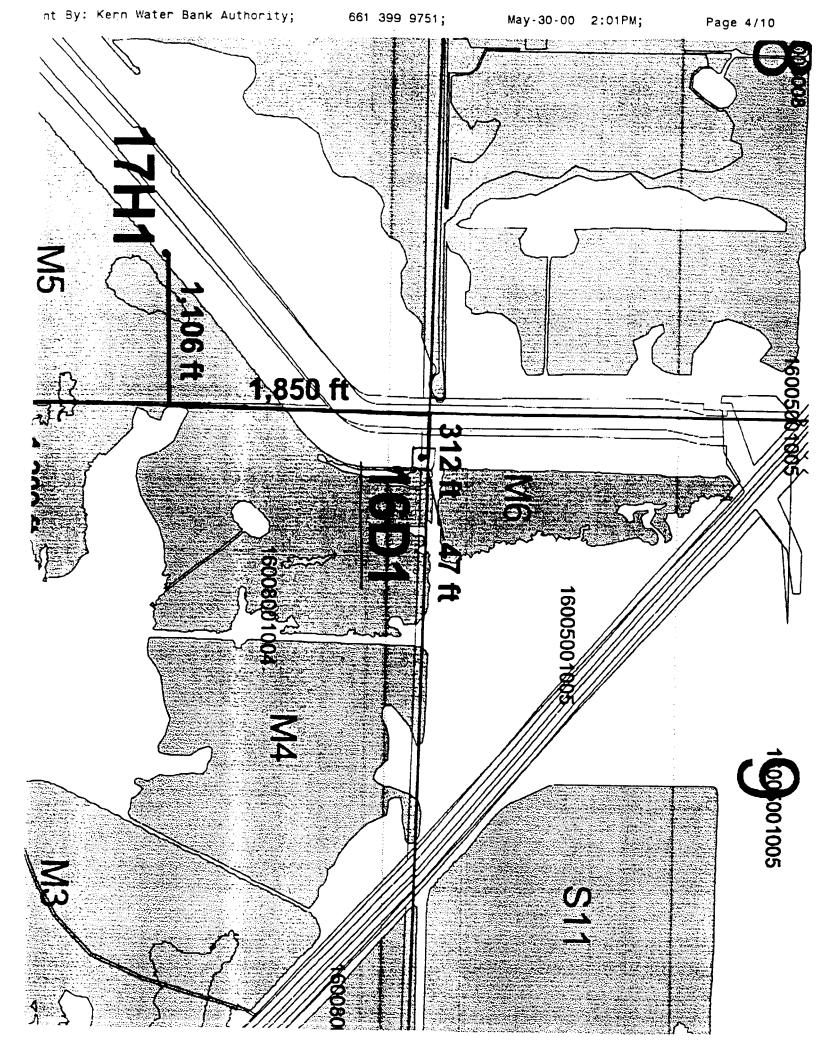
A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or cours drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to sectic lines or half section lines.

B	C	B B	A
E	F	G	Н
M	L	K	J
N	Р	Q	R

\_\_\_\_\_One Mile \_\_\_\_\_-1



ENVIRONMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT APPLICATION FOR WATER WELL DRILLING PERMIT

, , ,	· · · · · · · · · · · · · · · · · · ·	~ ~ ~ ~ * * * * * * *	· * * * * * * * * * * *	* * * * * * * * *	* * * *
DRI ING C	OMPANY DDRESS	DRILLING		057288	7/3
6016·2)	6201 11	DRILLING Lible Rd Soft	93307	C57288, LICENSE NUMBER	
		, DEEPENING, RECO			<b>A</b>
ROTARY	, CABLE,		TYPE WELL.	FOR THE PURPOSE OF	AN
AGRICULTURA	AL WELL X, PRIVAT	TE DOMESTIC WELL, DO	OMESTIC WELL WITH 2	OR MORE CONNECTION	AN
ON PROPERTY	Y OWNED BY KNIV	UECO West	•		-
WHOSE MAILI	ING ADDRESS IS $\frac{P.7}{100}$	n. Box 380	Bakerstide	93.3	 カ <i>コ</i>
LEGAL DESCR	RIPTION OF PROPERT	Y AND DIRECTIONS FOR L	OCATING WELL SITE	FOR INSPECTIONS AS	FOLLOWS
1300	2 9mol 66	0 0 11 N/4		Sec. 16	, occoms
+ 30	0 K 253	3 0			
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1		LOCATE WELL	IN		1
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Š		DISTANCES.	DICATE		
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	ı	PROPERTY, F			
	i .	SEWAGE LINE AS THEY REL			j
I	ı	THE WELL LO			
	i				
<u> </u>	SOUTH		<del> </del>		
		\		SOUTH	
8UBMITTED BY	: Kinton	AS AGENT	FOR KS	Dalle	
	(SIGNATURE)		(COMPANY OR C	LIENT'S NAME	<del></del>
		FOLLOWING IS FOR OFF	ICE USE ONLY		
DISAPPROVED_	APPROVED U	APPROVED SUBJECT	TO THE FOLLOWING	CONDITIONS	
		<del></del>	· · · · · · · · · · · · · · · · · · ·	:	
3x < 7	m	1			
KERN COUNT	Y PLANNING COMMISS	7			<del></del>
DATE: an	1 7,1976	TON			
* * *	* * * * *	* * * * *	* * * * *	* *	
HEA'TH DEPT.	- REMARKS:				* *
	-				
3Y:					
DATE:					
PERMIT NO					

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

OCT 2 7 2000 RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



October 24, 2000

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

Planning Department Roads Department

Ladies and Gentlemen:

P. O. Box 80607

Kern Water Bank Authority

Bakersfield, CA 93380-0607

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-080-01, T30S, R25E, Section 16-J, has been received and reviewed.

In addition to the general conditions listed on the back side of the application for a well permit, the following additional condition will apply to well construction:

• The top of the well casing shall be elevated to a minimum height of two feet (2') above the prevailing ground level.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.F.H.S.

Environmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc: Farm Pump & Irrigation, drilling consultant

File EH-595

(water\hardy\eh595-w23b)

FAX (661) 862-8701

Permit # **EH-59** 



# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

			~225
APPLICATION DATE: 10/04/2000	PROPOSED STAR?	TDATE ///01/	2000
OWNER: KEKN WATER DANK AUTHOR	2 <i>I</i> TY	n ///	1) 200
Mailing Address: P. O. Box 80607	City BA	KERSEIELD	7: 92300 0
DIGLETING	Contractor's		Zip: <u>_ / 3380-0</u>
CONTRACTOR KWBA	License	Phone: (6	61) 399-8735
Address: P.O. Box 80607	C: P.	1255-5-5	0000
JUDGONTHALLON: DKILLING CONSULTANT:	TARM PUMP THE	Dh. ((())	500 (9A)
Address: P.O. Box 1477	City Cul	Pnone: (001)	287-6701
	City:3 H	AFIEK	Zip: <u><b>73263</b></u>
JOB SITE: <u>T 305</u> R 25E	Sec. 16 40 Acre S	T. dus	
PROPERTY DESCRIPTION: Assessor's Parcel No:	160-080-	Su0	
SITE ADDRESS if available: N/A		· · · · · · · · · · · · · · · · · · ·	
DIRECTIONS to Well Site: Take Engs /	2 1	TOTAL AC	RES: 2-63.49
TARE LINES L	ane 3 miles.	south of Sto	ckdale Hwy.
Go West on no	rth side of K	WBA Canal	
TVDE OF WORK TO BE DONE (1)			
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepen	
	□ Reconstruction	□ Destruction	1
INTENDED USE:	CONST	RUCTION METHOD:	
<ul> <li>□ Domestic/private (1 connection)</li> <li>□ Domestic/nonpublic (2-4 connections)</li> </ul>	<b>≭</b> Re	verse Rotary	
Domestic/public (5 or more conn.)	□ Ro	tary	
Agricultural		r Rotary	
□ Test Hole	□ Oti	her	
□ Monitoring			
□ Cathodic Protection			
Other		PROPOSEI	CASING:
- Other		TypeSTEEL	
SEALING MATERIAL (check one) GRAVEL PA		Diameter 20"	
□ Neat Cement GRAVEL PA	ACK: (check one)	Gauge/Wall 3/8	<i>"</i>
<b>V</b> a	•	Conductor Depth	50'±
- · ·	□ No	•	
□ Other	To 200 Feet		
		• •	
PROPOSED WELL PROPOSED PERF	OP ATTONIC	PROPOSED ANNULA	R SEAL DEPTH:
CONSTRUCTION (DEPTH) OR SCRE		Unconsolidated 2	
Max. 900 Feet From 880 To 2	20 Face	Hardrock	
Min. 700 Feet From To	Feet		
	1 cct		
PENETRATES TWO OR MORE	ROPOSED WELL DESTI	RUCTION SEAL DEPT	TU N/A
n.v			п_///
□ Yes No	EPTH OF WELL TO BE	DESTROYED ~	1/4

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

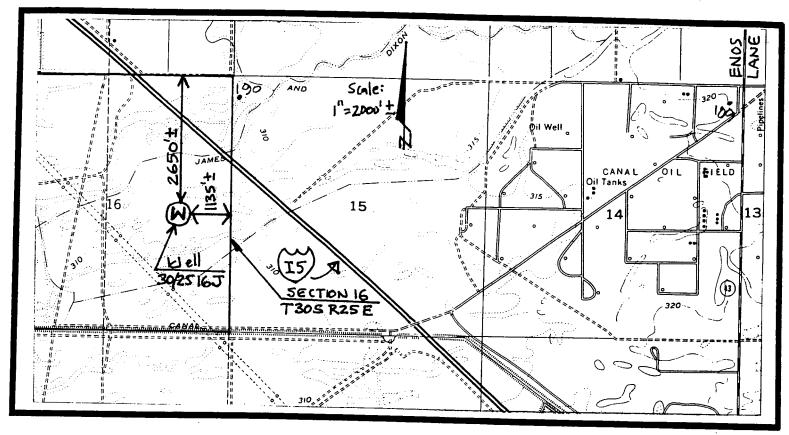
Owner's All Signature Date	or Agency Hel fimmens Date 10/4/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 10/4/00  Receipt # 4837
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  DApproved  Dyes   No    Double:  Date:  Double:  Double:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No
Date: 10/4/00 REASONS FOR DENIAL C	OR CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No.	
Assessor's Parcel No.	160-080-01

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions.</u>



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25E Section No. 16

D C B A
E F G H
M L K J
N P Q R

One Mile \_\_\_\_

# DEPARTMENT OF ENGINEERING & SURVEY SERVICES

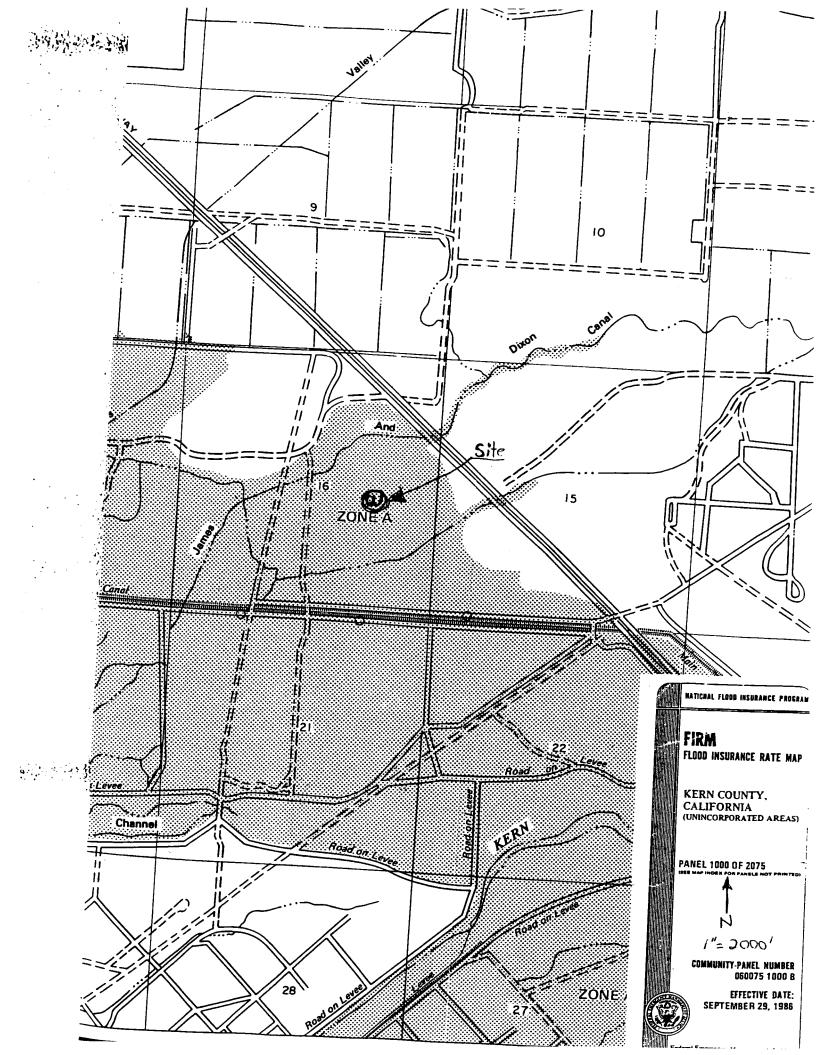
16 30/

# FLOOD PROTECTION REQUIREMENTS FOR A WELL

In response to a request dated 10/4/00, a flood hazard evaluation was performed for:
Building Permit Number: We
Applicant: Kern Water Bank Authority
Assessor's Parcel Number: 160-080-0 (
Street Address: f.O. Box 80607
Section Township/Range: Sec. 16, T. 305, R. 25 E.
Date completed: 10/10/00 File: 14/, 1, 121, 16, 1
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and a fee of \$180/\$15 is required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
site.
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
[ ]foot/feet above the prevailing ground level (see note) at the location of the well site or one foot above the possible backwater condition, whichever is higher. A possible backwater condition exist behind the
Reviewed by:
Neviewed by.

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

GENER	AL INFOR	MATION:
The doc	uments re	viewed to perform this evaluation are as indicated:
[X] F	EMA Floo	eptember 6, 1995.
[ ] F	EMA Floo ffective Se	eptember 6, 1995.
[ ] F	arcel Map	/Tract Map/Approximate Study
BASIS:		
The well	site is loca	ated in an area subject to flooding from <u>Kern River</u>
⋈ w	ithin FEM	A FIRM Zone and is:
[] W	ithin FEM	A FBFM limits (see alternate #2).
		el Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
1		dplain Primary (see alternate #2). [ ] Flooplain Secondary
[		dplain Zone A.
Therefore	the 100-y	vear storm event flood conditions are as follows:
		Flow depth of  Base flood elevation of  Average flow velocity of
ALTERNA	TIVE #1:	•
Submit a sufficient requirement	detailed d calculatior nts.	esign and analysis by a Registered Civil Engineer. The design shall be prepared with as and information to indicate compliance with the above-stated flood protection
ALTERNA	TE #2:	
All facilities constructed Environme	to be locat so as to n ntal Health	ed underground and protected by flood control devices approved by this Department and ninimize infiltration of flood waters, in accordance with the requirements of the Kern County Department and this Department.
If you have Section of	any ques his Depart	stions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management tment at (805) 862-5100.
Attachments cc: Own	er/Applicar	nt/Building Inspection Division- Bakersfield/Frazier Park idgecrest/Mojave/Tehachapi



CRIGINA	٩L
File with	<b>DWR</b>

#### STATE OF CALIFORNIA WELL COMPLETION REPORT

rage 1 of	Z				
Ommorio	Walt	NI.	30/25	16 101	

Refer to Instruction Pamphlet No.

\_\_\_\_\_, Ended 11/26/2000

Date Work Began 11/6/2000 Local Permit Agency KERN COUNTY ENVR. HEALTH DEPT
Permit No. EH-595
Permit Date 10/24/20

Permit Date 10/24/2000

DWR USE ONLY - DO NOT FILL IN STATE WELL NO./ STATION NO. LATITUDE LONGITUDE APN/TRS/OTHER

		Permit Date 10/24/2000					
		GEOLOGIC LOG	WELL OWNER -				
ORIENTA	TION (∠)	VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)	Name Kern Water Bank Authority				
DEPTH	FROM	METHOD REVERSE FLUID BENTONITE	Mailing Address P.O. Box 80607				
_	FACE	DESCRIPTION	Bakersfield CA 93380				
<u>Ft.</u> tc	50 Ft.	Describe material, grain, size, color, etc.  CLAY AND SAND	CITY STATE ZIP				
50		SAND	Address NONE WELL LOCATION				
140			- City CA				
150		SAND AND CLAY CLAY	County KERN				
160		<u> </u>					
		CLAY AND SAND	APN Book 160 Page 080 Parcel 01  Township 30 S Range 25 E Section 16 SE NE NW				
180		SAND	Latitude				
190		FINE SAND	DEG. MIN. SEC. DEG. MIN. SEC.				
210		CLAY	LOCATION SKETCH ACTIVITY (4)				
250		COARSE SAND	Section Line New Well				
260		COARSE SAND AND CLAY	MODIFICATION/REPAIR				
270		CLAY	— Deepen — Other (Specify				
290		SAND					
300	320	CLAY, SAND AND GRAVEL	DESTROY (Describe Procedures and Mat				
320	360	CLAY	Under "GEOLOGIC				
360		SAND	1 · S PLANNED USES (				
380	390	CLAY AND SAND	WATER SUPPLY				
390		CLAY	WATER SUPPLY  Domestic Publ  Fingation Indu				
600	610	SAND	MONITORING				
610	820	CLAY	V) TEST WELL.				
			C CATHODIC PROTECTION -				
			HEAT EXCHANGE				
			DIRECT PUSH_ INJECTION _				
			K 心 B VAPOR EXTRACTION -				
			SPARGING				
			SOUTH  Illustrate or Describe Distance of Well from Roads, Buildings, Fences, Rivers, etc. and attach a map. Use additional paper if  OTHER (SPECIFY)				
			Fences, Rivers, etc. and attach a map. Use additional paper if  OTHER (SPECIFY) _  BECESSARY. PLEASE BE ACCURATE & COMPLETE.				
			WATER LEVEL & YIELD OF COMPLETED WELL				
			DEPTH TO FIRST WATER 40 (Ft.) BELOW SURFACE				
			DEPTH OF STATIC WATER LEVEL 50 (Ft.) & DATE MEASURED				
			(FL) & DATE MEASURED				
		ORING 820 (Feet)	ESTIMATED YIELD * (GPM) & TEST TYPE				
TAL DE	PTH OF C	OMPLETED WELL 800 (Feet)	TEST LENGTH (Hrs.) TOTAL DRAWDOWN (Ft.)				
			May not be representative of a well's long-term yield.				

DEI FROM SI	PTH	BORE -					C	ASING (S)			0.5	-07			ANNI		MATERIAL
	URFACE	HOLE DIA.		YPI	<u>د)</u> E و _ [		MATERIAL /	INTERNAL	GAUGE	SLOT SIZE	FROM	SUR			721111		YPE
Ft. to	Ft.	(Inches)	BLANK	SCREEN	200 200 300 300 300 300 300 300 300 300	FILL	GRADE	DIAMETER (inches)	OR WALL THICKNESS	#F ANY (Inches)	Ft.	to	Ft	CE- MENT	10	FILL	FILTER PACK (TYPE/SIZE)
0	40	48			1		STEEL	35.50	0.250			Τ-		(A)	(⊻)	<u>(₹)</u>	(11, 2022)
0	165	30	1			П	STEEL	19.25	0.230		- ·	╁╌	40	<b>√</b>			
165	326	30		1		П	STEEL	19.25	0.375	0.080	425	+-	135	✓			
326	356	30	<b>√</b>				STEEL	19.25	0.375	0.000	135 140	╁	140 820				FINE SAND
356	517	30		<b>√</b>			STEEL	19.25	0.375	0.080	140	┼	020				GRAVEL
517	537	30	✓				STEEL	19.25	0.375	0.000		$\vdash$					

ATTACHMENTS (∠)
Geologic Log
Well Construction Diagram
— Geophysical Log(s)
— Soil/Water Chemical Analysis
Other
ATTACH ADDITIONAL INFORMATION, IF IT EXISTS.

CERTIFICATION	STATEMENT -		
I, the undersigned, certify that this report is complete and accurate to the	best of my knowledge and halic	4	
NAME TAKIN FUNE & IRRIGATION	the state of the s	1.	
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)			
P.O. Box 1477	Shafter	CA	93263
ADDRESS //-/-	СПУ		
Signed Mall The	10/14/01	STATE	ZIP 2148
WELL DRILLERVAUTHORIZED REPRESENTATIVE	DATE SIGNED		
SPACE IS NEEDED LICE NEXT COLOR	DATE GIGHED		7 LICENSE NUMBER

#### **ORIGINAL** File with DWR

#### STATE OF CALIFORNIA

PORT

WELL	COMPLETION I	Œ
	Defen to Instruction D. 11	

	, ,	COMME DESIGN	U,
Page 2 of 2		Refer to Instruction	Pan
Owner's Well No. 30/25 16J01		No.	
Date Work Began 11/6/2000	_, Ended 11/26	/2000	

Local Permit Agency KERN COUNTY ENVR. HEALTH DEPT.
Permit No. EH-595 Permit Date 10/24/20 Permit Date 10/24/2000

DWR USE ONLY - DO NOT FILL IN
STATE WELL NO./ STATION NO.
LATITUDE LONGITUDE
APN/TRS/OTHER

,,,,,	K 110	Permit Date 10/24/2000	/ <u> </u>	S/UTHER			
		GEOLOGIC LOG	WELL OWNER -	·			
ORIENTA	TION (≰)	VERTICAL — HORIZONTAL — ANGLE — (SPECIFY)	Name Kem Water Bank Authority				
DEPTH	DRILLING REVERSE FLUID BENTONITE		Mailing Address P.O. Box 80607				
SURFACE DESCRIPTION		DESCRIPTION	Bakersfield	CA 93380			
Ft to		Describe material, grain, size, color, etc.	СПУ	STATE ZIP			
0		CLAY AND SAND	Address NONE WELL LOCATION—				
50		SAND	City CA				
140		SAND AND CLAY	County KERN				
150		CLAY	APN Book 160 Page 080 Parcel 01				
160		CLAY AND SAND	Township 30 S Range 25 E Section 16	SE NE MIN			
180		SAND	Latitude	OE HE HAA			
190		FINE SAND	DEG. MIN. SEC.	DEG. MIN. SEC.			
210		CLAY	LOCATION SKETCH	ACTIVITY (🛂) —			
250		COARSE SAND	NORTH	NEW WELL			
260	270	COARSE SAND AND CLAY	-	MODIFICATION/REPAIR			
270	290	CLAY	1	Deepen Other (Specify)			
290	300	SAND	•	Outer (Specify)			
300	320	CLAY, SAND AND GRAVEL		DESTROY (Describe			
320		CLAY		Procedures and Material Under "GEOLOGIC LOG			
360	380	SAND		PLANNED USES (∠)			
380	390	CLAY AND SAND	F -	WATER SUPPLY  Domestic Public			
390	600	CLAY	WES!	imigation Industria			
600	610	SAND		MONITORING			
610	820	CLAY		TEST WELL			
				CATHODIC PROTECTION			
				HEAT EXCHANGE			
				DIRECT PUSH INJECTION			
				VAPOR EXTRACTION			
				SPARGING			
			SOUTH  Illustrate or Describe Distance of Well from Roads, Buildings,	REMEDIATION			
			Fences, Rivers, etc. and attach a map. Use additional paper if necessary. PLEASE BE ACCURATE & COMPLETE.	OTHER (SPECIFY)			
			WATER LEVEL & YIELD OF COMPLI	ETED WELL			
			DEPTH TO FIRST WATER 40 (Ft.) BELOW SURFACE				
			DEPTH OF STATIC WATER LEVEL 50 (Ft.) & DATE MEASURED				
			ESTIMATED YIELD (GPM) & TEST TYPE				
		ORING <u>820</u> (Feet)	TEST LENGTH (GPM) & TEST TYPE				
OTAL DE	PTH OF C	OMPLETED WELL 800 (Feet)	TEST LENGTH (Hrs.) TOTAL DRAWDOWN (Ft)				
			May not be representative of a well's long-term yield	<u>.                                    </u>			

DEPTH FROM SURFACE		BORE -	RE -			CASING (S)				DEPTH		ANNULAR MATERIAL				
		HOLE DIA.			ŀ	YPI	E (:	( <u>)</u>	MATERIAL /	NTERNAL	RNAL GAUGE	21.07.00	FROM SURFACE		ТҮР	
Ft. to	Ft.	(Inches)	BLANK	SCREEN	SC	FILL PIPE	GRADE	DIAMETER (Inches)	OR WALL THICKNESS	SLOT SIZE IF ANY (Inches)	Ft. 1	to Ft		BEN- TONITE		FILTER PACK (TYPE/SIZE)
537	608	30		1	1		STEEL	19.25	0.375	0.080		40	(<)	( <u>v</u> )	(1)	
608	638	30	1	Г			STEEL	19.25	0.375	0.080	<u> </u>	40	<b>✓</b>			
638	789	30		~			STEEL	19.25	0.375	0.080	125	135	<b>✓</b>			
789	800	30	~				STEEL	19.25	0.375	0.000	135 140	140 820				FINE SAND
						П					140	620	-			GRAVEL
					-	Н										

ATTACHMENTS (∠)
Geologic Log
— Well Construction Diagram
— Geophysical Log(s)
Soil/Water Chemical Analysis
Other
ATTACH ADDITIONAL INCODERATION IS IN SHOTE

DWR 188 REV. 11-97

CERTIFICATION STATEM	ENT —	<del></del>
I, the undersigned, certify that this report is complete and accurate to the best of my kr	nowledge and belief	
I NAME FARM FUMP & IRRIGATION	lowledge and belief.	
(PERSON, FIRM, OR CORPORATION) (TYPED OR PRINTED)		
P.O. Box 1477 Shafter	CA	93263
ADDRESS CT		
Signed	10/14/01	602148
WELL DRILLERIAUTHORIZED REPRESENTATIVE	DATE SIGNED	C 67 LICENICE MUNAPED

### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



June 19, 2000

### RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department

JUN - - anna

Roads Department

JUN 2 1 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380

#### Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-080-01, T30S, R25E, Section 16-M has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Directo

y: Thomas Hardy, N.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-481

Hardy\Water\KWB-w23b





### APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 5-31-00	PROPOSED STA	ART DATE 6-7-00	
OWNER: PERRY WATER BY	INK BUTHORITU	Dhono: 266 - 0-3-6	
Mailing Address: Box 80607	City	TAKERS TIEZ 7: 323	
DRILLING	Contractor's	2113 Phone: 395-873	
Address: Boy Bc607	City:	BAKERS CON CONTRACTOR	<u>~</u>
Address: Box Bobon Subcontractor: Drilling Consultant	: Farm Puno	Phone:	<u>ت</u>
Address:		Zip:	
JOB SITE: T ろらら R	ZSE Sec. 6 40 Ac		
	el No.: 160 08		
SITE ADDRESS if available:		TOTAL ACRES:	
DIRECTIONS to Well Site: ENOS LA	THE 31/2 MIL #	TOTAL ACRES: 02).	
WEST ON MORTH SIDE	OF KILLS OF	OF STOCKUME M	~
1.07	KUDA CANA		
TYPE OF WORK TO BE DONE: (check one)	New Well	ПРостои	
	□ Reconstruction	□ Deepen □ Destruction	
INTENDED USE:	CO	NETRICTION	
☐ Domestic/private (1 connection)	COI	NSTRUCTION METHOD: Reverse Rotary	
☐ Domestic/nonpublic (2-4 connections)		Rotary	
□ Domestic/public (5 or more conn.)		Air Rotary	
Agricultural		Other	
□ Test Hole			
□ Monitoring			
Cathodic Protection		PROPOSED CASING:	
□ Other		TypeSTEE C	
CEAL DIG LA COMPANY			
SEALING MATERIAL (check one) GR	AVEL PACK: (check one)	Gauge/Wall S/16	_
□ Neat Cement		Conductor Depth 53+	_
© Cement Grout	✓ Yes □ No		_
□ Concrete	From 900 To 200 Feet		
□ Other			
DDODOGED WELL	_	PROPOSED ANNULAR SEAL DEPTH:	
	SED PERFORATIONS	Unconsolidated 150 + -	
CONSTRUCTION (DEPTH)	OR SCREEN:	Hardrock	_
Max. 900 Feet From 98	00 To 200 Feet		_
Min. 700 Feet From	To Feet		
PENETRATES TWO OR MORE	PROPOSED WELL DI	ESTRUCTION SEAL DEPTH	
AQUIFERS	JODD WELL DI	EGIROCTION SEAL DEPTH	
□ Yes <b>☑ No</b>	DEPTH OF WELL TO	BE DESTROYED	
	<b> 1</b>	DESTROYED	-

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approvat of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	thorized Agent or Agency While High Ham Date 521-0
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 5 31 00  Receipt # 5033 Date Paid: 5 31 00  Fee received by: Muchelle Sound
ZONING  Zone:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:  Yes  No  Gravel Chute Required:  No

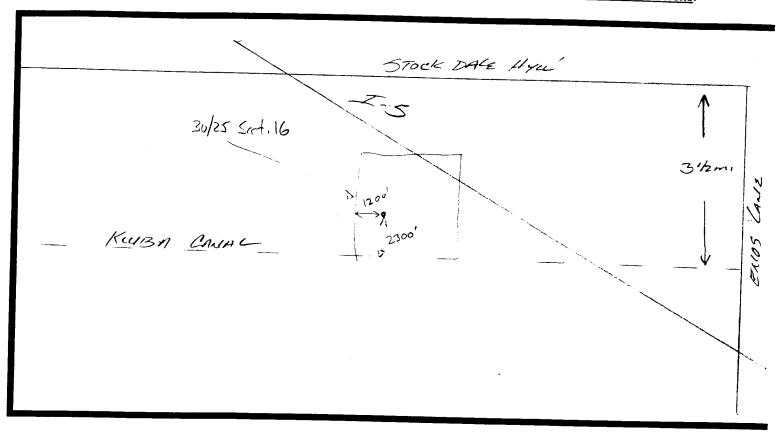
REASONS FOR DENIAL OR CONDITIONS OF PERMIT

Kern County
Environmental Health Services Department
2700 "M" Street. Suite 300
Bakersfield. CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	·
Parcel No.	
SSESSOR'S Parcel No.	1/20-190-11

#### LOCATION

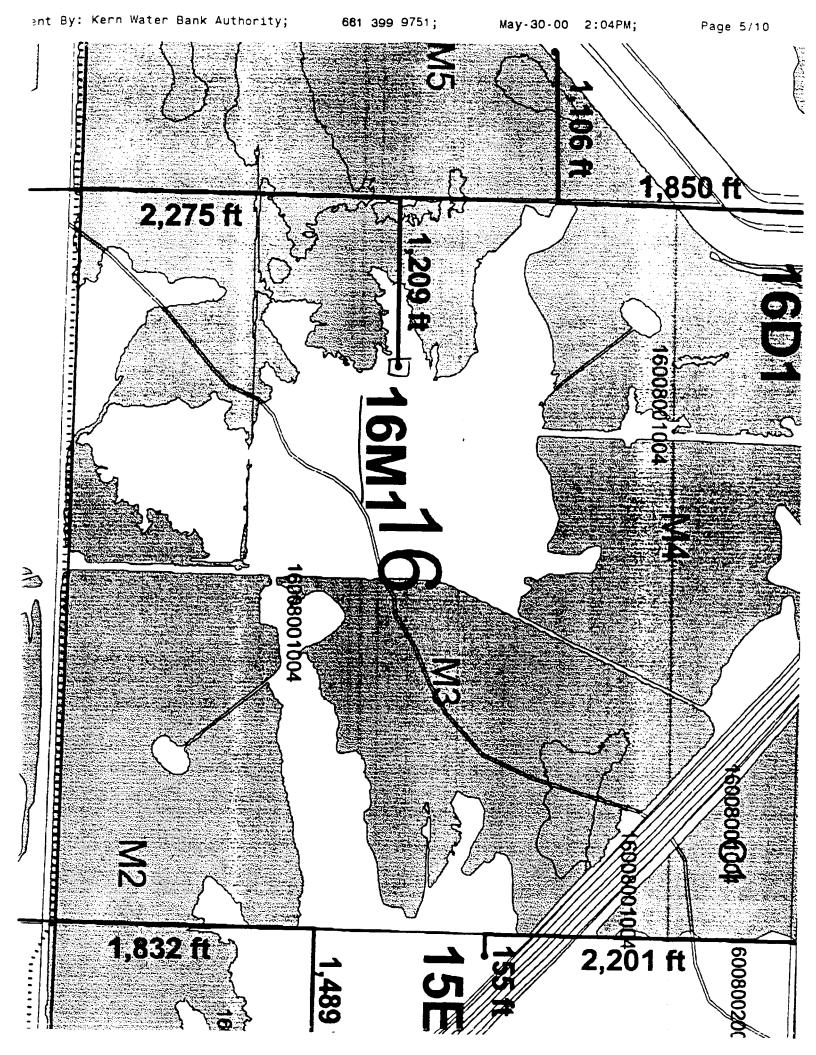
A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D	C	n No.: <b>ι</b> φ	A
E	F	G	Н
M	L	K	J
N	Р	Q	R

-\_\_\_\_\_ One Mile \_\_\_\_\_



### MERN COUNTY DEPARTMENT OF ENGINEERING & SURVEY SERVICES

# FLOOD PROTECTION REQUIREMENTS

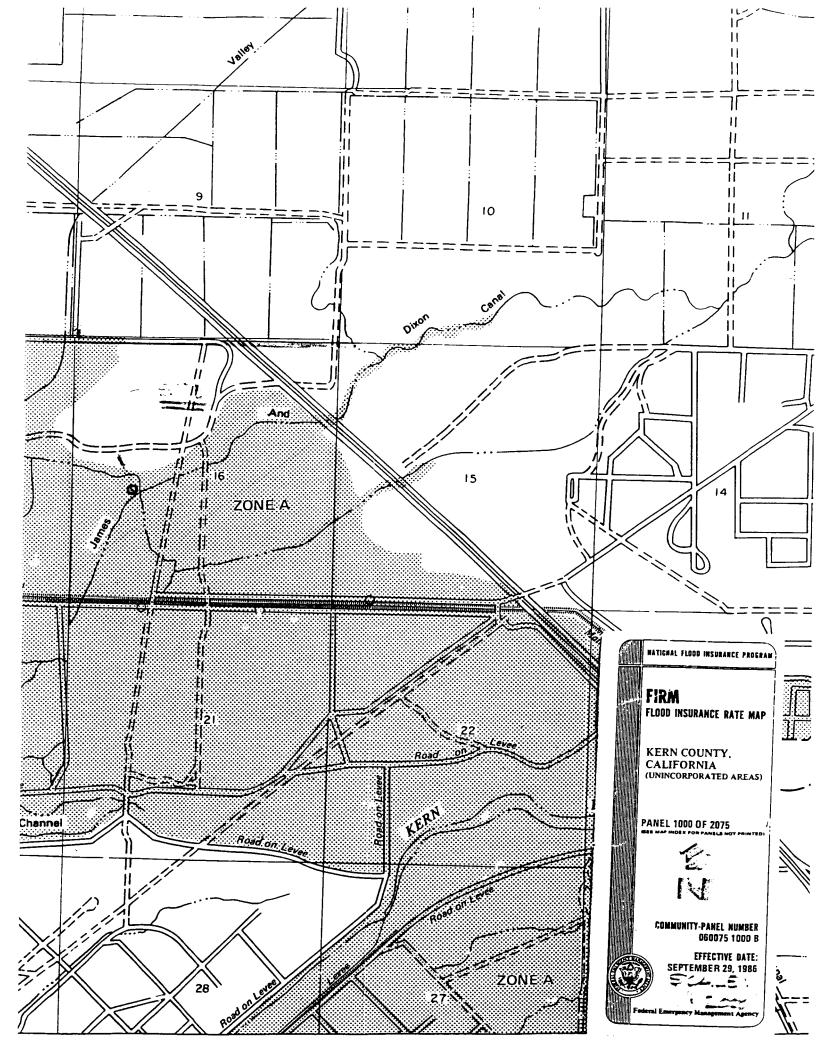
In response to a request dated  $5 \cdot 31 \cdot 200$ , a flood hazard evaluation was performed for:

Building Permit Number:

Applicant: KERN WATER BANK AUTHORITY
Assessor's Parcel Number: 160 - 080 -01
Street Address: 21/2 MI. S/O STOCKDALE HWY; 11/4-MI. E/O BUSSEL RO.
Section Township/Range: SEC IG T. 30 S. R. 25 E.
Date completed: June 9,2000 File: 141.1.121.16.1
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and fee fee is required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
[X] 2.0 site. feet above the prevailing ground level (see note) at the location of the well
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
[ ]foot/feet above the prevailing ground level (see note) at the location of the well site or one foot above the possible backwater condition, whichever is higher. A possible backwater condition exist behind the
Reviewed by: Sara Zulf

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

GENERAL INFORMATION:
The documents reviewed to perform this evaluation are as indicated:
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[ ] Parcel Map/Tract Map/Approximate Study
BASIS:
The well site is located in an area subject to flooding from KERN RIVER
Within FEMA FIRM Zone and is:
[ ] Within FEMA FBFM limits (see alternate #2).
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
[ ] Floodplain Zone A.
Therefore, the 100-year storm event flood conditions are as follows:
Flow depth of  Base flood elevation of Average flow velocity of  Flow depth of  foot/  feet NGVD  feet per second
ALTERNATIVE #1:
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.
ALTERNATE #2:
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.
f you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (805) 862-5100.
Attachments cc: Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park [ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi



ENVIRONMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT

ACKN GOODIT HEARTH DEPARTMENT		
ALLING COMPANY	Dully C.	295856
1Po	B1 1853 CH	LICENSE NUMBER
PLAN TO COMMENCE URILLING X,	DEEPENING, RECONDITIONING	, DESTRUCTION, OF A
ROTARY K, CABLE,		LL, FOR THE PURPOSE OF AN
AGRICULTURAL WELL , PRIVATE	DOMESTIC WELL , DOMESTIC WELL WI	TH 2 OR MORE CONNECTIONS .
- /	uneco West Con	
WHOSE MAILING ADDRESS IS	Dehershillet	
LEGAL DESCRIPTION OF PROPERTY	AND DIRECTIONS FOR LOCATING WELLS	ITE FOR INSPECTIONS AS FOLLOWS
- 2/4 gus	-16 / 308 (K255	
USE ADDITIONAL SHEET OR BACK	OF FORM FOR CONTINUED INFORMATION	)
NORTH		NORTH
SOUTH SOUTH	THE WELL LOCATION	SOUTH
SUBMITTED BY (SIGNATURE)	Closef AS AGENT FOR (COMPANY	OR CLIENT'S NAME)
/	FOLLOWING IS FOR OFFICE USE ONLY -	
DISAPPROVEDAPPROVED	APPROVED SUBJECT TO THE FOLLOW	ING CONDITIONS:
BY Danis Orell "A	<i>I</i> ,	
KERN COUNTY PEANNING COMMISSION DATE: 3-31-76	ON	
# # # # # # # # # # # # # # # # # # #	* * * * * * * *	* * * * * *
-		
BY:		
DATE:		
PERMIT NO		

* * * * * * * * * * * * * * * * * * * *
HAVE AND ADDRESS LUID R. MILIAMS 22 1422  PO BOY 766 Masco Co 9328 CICENSE NUMBER
PO BOY 766 MAGES CA 9328 DICENSE NUMBER
PLAN TO COMMENCE URILLING , DEEPENING , RECONDITIONING , DESTRUCTION OF
ROTARY , CABLE , FRIETSE CIFE . TYPE WELL, FOR THE PURPOSE OF AN
AGRICULTURAL WELL , PRIVATE DOMESTIC WELL , COMESTIC WELL WITH 2 OR MORE CONNECTIONS
ON PROPERTY OWNED BY PARCO MILES & That
WHOSE MAILING ADDRESS IS POBOL 380 Bakers Prold Co 93302
SECOND OF PROPERTY AND DIRECTIONS FOR LOCATING WELL SITE FOR INSPECTIONS AS FOLLO
Q USE ADDITIONAL SHEET OR BACK OF FORM FOR CONTINUED INFORMATION)
NORTH NORTH
SOUTH  SOUTH  SOUTH  SECTION. DRAW IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWNERS PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION  SOUTH
BUBMITTED BY: SOUTH  (SYSNATURE)  SOUTH  (COMPANY OR CLIENT'S NAME)
DISAPPROVED APPROVED X
APPROVED APPROVED SUBJECT TO THE FOLLOWING CONDITIONS:
BY Dintonet A
KERN COUNTY PEANNING COMMISSION  DATE: 6-4-73
* * * * * * * * * * * * * * * * * * *
BY:
OATC:
PERMIT NO.

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



June 19, 2000

#### RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department
Roads Department

JUN 3 1 5000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380

#### Ladies and Gentlemen:

This is to advise you that your application for a permit to construct a domestic well located on APN 160-090-03, T30S, R25E, Section 17-H, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Directo

By. Thomas Hardy R.E.H.S.

Environmental Health Specialist III

Water Quality Program

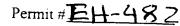
TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-482

Hardy\Water\KernWater-w23b





### APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 5-2/	PROPOSED STA	RT DATE 6-7-0J
OWNER: KETEN WATER	Brink AUTHORITY	Dhono: 390 00 -
Mailing Address: /Sox 3060	City /	BAKERSFACE Zip: 93380
DRILLING		Zip: <u>93380</u>
CONTRACTOR KULISA	Contractor's	2118 Phone: 379-8758
Address: Box Ro	607	BAKERS SIECL Zip: 95380
SUPCONTRACTOR O	City:	BAKERSHIELD Zip: 95380
SUBCONTRACTOR: DRICEING COME	LETANT : FARM PHAYS.	Phone: Phone:
Address:	City:	Zip:
JOB SITE: T 3	0 S R 25 E Sec. 17 40 Acr	- C.1.   <del> </del>
	or's Parcel No.: 160 090	
SITE ADDRESS if available:		TOTAL ACRES:
DIRECTIONS to Well Site: ENO	3 LANE Z'Em. Sout	HOV STOCKDALL HYEL
LITEST ON MORTH SIDE	OF KUBA CANAL	
TYPE OF WORK TO BE DONE: (check of	one) Wew Well	T December 1
	□ Reconstruction	□ Deepen □ Destruction
INTENDED USE:		
□ Domestic/private (1 connection)	CON	ISTRUCTION METHOD:
□ Domestic/nonpublic (2-4 connections)		Reverse Rotary Rotary
☐ Domestic/public (5 or more conn.)		Air Rotary
♥ Agricultural		Other
□ Test Hole		
☐ Monitoring☐ Cathodic Protection☐		
□ Other		PROPOSED CASING:
	<del>-</del>	Type STEEL
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)	Diameter /8"  Gauge/Wall
□ Neat Cement	( <b></b> ( )	Conductor Depth 50+
Cement Grout	□ Yes □ No	
□ Concrete	From <u>900</u> To <u>Z00</u> Feet	
□ Other		
PROPOSED WELL	PROPOSED PERFORATIONS	PROPOSED ANNULAR SEAL DEPTH:
CONSTRUCTION (DEPTH)	OR SCREEN:	Unconsolidated /50 + T
Max. <u>900</u> Feet	From <u>900</u> To <u>200</u> Feet	nardrock
Min. 700 Feet	From To Feet	
PENETRATES TWO OR MORE	DDADACED MEY CO.	COTTOLOGYOU
AQUIFERS	PROPOSED WELL DE	STRUCTION SEAL DEPTH
□ Yes ✓ No	DEPTH OF WELL TO	BE DESTROYED
	,	

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the condition of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	or Agency Date 5:21-0
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 5/31/00  Receipt # 5033
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  By:  Date:  Disapproved  Disapproved  By:  Date:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

REVERENCE CASING 2 choice grade per front

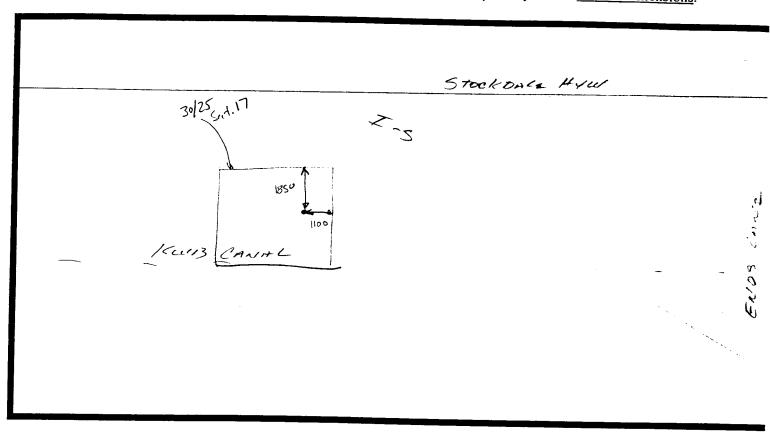
Kern County
Environmental Health Services Department
2700 "M" Street. Suite 300
Bakersfield. CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

•	
Parcel No.	
Assessor's Parcel No.	1100-000 0-

Parcel/Map/Tract

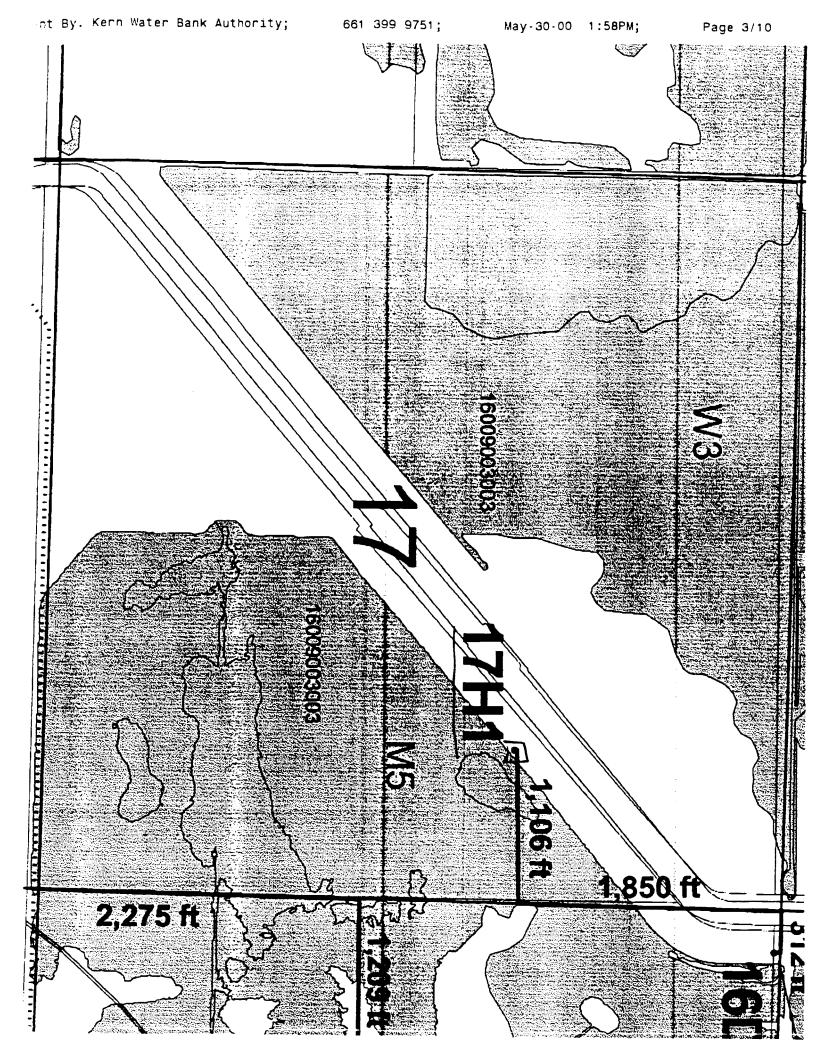
#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to sectio lines or half section lines.

Section No.:				
D	С	В	Α	
E	F	G	χH	
M	L	K	J	
N	Р	Q	R	



# **KERN COUNTY** PLOOD PROTECTION REQUIREMENTS

# FOR A WELL

In response to a request dated 5.31 · 2000, a flood hazard evaluation was performed for:

Applicant: KERN WATER BANK AUTHORITY
Assessor's Parcel Number: 160 - 690 - 63
Street Address: 21/2 Mi. 5/0 STOCKDALE HWY.; 3/4 MI E/O BUSSEL RO.
Section Township/Range: SEC. 17 T. 30 S., R. 25 E.
Date completed: June 9, 2000 File: 141-1. 121. 17. 1
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and fee fee is required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by the second conditions.
to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
FLOOD PROTECTION REQUIREMENTS  The top of the well casing shall be elevated to a minimum height of:
FLOOD PROTECTION REQUIREMENTS
FLOOD PROTECTION REQUIREMENTS  The top of the well casing shall be elevated to a minimum height of:  [X 2.0 Medifeet above the prevailing ground level (see note) at the location of the well site.  NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Flowetical
The top of the well casing shall be elevated to a minimum height of:  [X 2.0 Medifeet above the prevailing ground level (see note) at the location of the well site.  NGVD. This top of casing elevation is to be certified as being true and served by
FLOOD PROTECTION REQUIREMENTS  The top of the well casing shall be elevated to a minimum height of:  [X 2.0 Mile to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.  [ ] foot/feet above the prevailing ground level (see note) at the location of the well site or one foot above the possible backwater condition, whichever is higher. A possible

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

GENERAL INFORMATION:
The documents reviewed to perform this evaluation are as indicated:
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 Community
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[ ] Parcel Map/Tract Map/Approximate Study
BASIS:
The well site is located in an area subject to flooding from KERN RIVER
and is:
[X] Within FEMA FIRM Zone <del>\</del> .
[ ] Within FEMA FBFM limits (see alternate #2).
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
[ ] Floodplain Zone A.
Therefore, the 100-year storm event flood conditions are as follows:
Flow depth of  Base flood elevation of  Average flow velocity of  Flow depth of  O.5  footlese  feet NGVD  feet per second
ALTERNATIVE #1:
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.
ALTERNATE #2:
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.

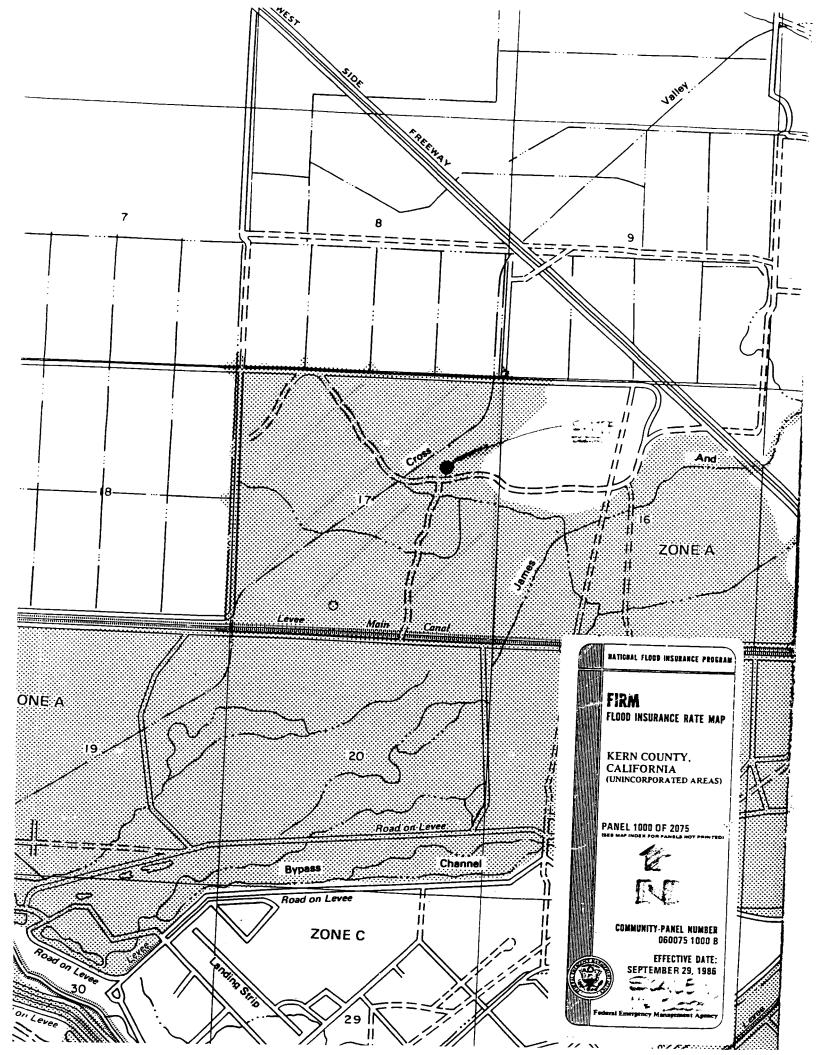
If you have any questions regarding this matter, please contact Clark Farr of the Floodplain Management

Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park

[ ] Lake lsabella/Ridgecrest/Mojave/Tehachapi

**Attachments** 

Section of this Department at (805) 862-5100.



## **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



September 13, 2000

## RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR
Community Development Program Department
Engineering & Survey Services Department

Environmental Health Services Department
Planning Department
Roads Department

SEP 1 5 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

## Ladies and Gentlemen:

This is to advise you that your applications for permits to construct two (2) agricultural wells located on APN 160-090-03, T30S, R25E, Section 17-M & J, have been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permits are outlined in the enclosure.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By:

Thomas Hardy, R.E.H.S.

Environmental Mealth Specialist III

Water Quality Program

TH:dt

Enclosure

cc:

Farm Pump & Irrigation, drilling consultant

File EH-543 & 544

Hardy\Water\KWBA-2-w23b



# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

	4 <b>3</b>	
APPLICATION DATE: 8/		TART DATE 09/07/2000
OWNER: KERN WATE	R BANK AUTHORITY	Phone: (661) 399-8735
Mailing Address: P.O. B	ox 80607City	PAVERSCISITE - 2001
DRILLING		BAKERSFIELD Zip: 93380-06
CONTRACTOR KWBA	Contractor's License	
Address: P.O. Box 80	2607	Phone: (661) 399-8735
CHRONTPACTOR, Days	City:	BAKERSFIELD Zip: 93380-0607
DA B	CONSULIANT. PAKM PILLA	1
Address: P.O. Box 14	77City:	SHAFTER Zip: 93263
JOB SITE:	T 305 R 25E Sec. 17 40 A	Acre Sub J
PROPERTY DESCRIPTION:	Assessor's Parcel No.: 160 - 09	0-03
SITE ADDRESS if available:	N/A	
DIRECTIONS to Well Site:		TOTAL ACRES: 640 LOD
	TARE END Lane 3 miles	South at Stockala 11.
	Go West on north side,	of KWBA canal
TYPE OF WORK TO BE DONE:	(check one) New Well	
TYPE OF WORK TO BE DONE:	(check one) New Well □ Reconstruction	□ Deepen
	/ U.S. 11011	□ Deepen □ Destruction
INTENDED USE:	□ Reconstruction	Destruction  DNSTRUCTION METHOD:
INTENDED USE:  □ Domestic/private (1 connection □ Domestic/nonpublic (2-4 connection)	Reconstruction  CC ections)	Destruction  ONSTRUCTION METHOD:  Reverse Rotary
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more content)	Reconstruction  CC ections)	□ Destruction  ONSTRUCTION METHOD:  **Reverse Rotary  □ Rotary
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more contact)	Reconstruction  COnstruction  Constructions)	□ Destruction  ONSTRUCTION METHOD:  Reverse Rotary □ Rotary □ Air Rotary
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more context)  Agricultural  Test Hole	Reconstruction  COnstruction  Constructions)	□ Destruction  ONSTRUCTION METHOD:  **Reverse Rotary  □ Rotary
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more context)  Agricultural  Test Hole  Monitoring	Reconstruction  COnstruction  Constructions)	□ Destruction  ONSTRUCTION METHOD:  Reverse Rotary □ Rotary □ Air Rotary
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more contact)  Agricultural  Test Hole  Monitoring  Cathodic Protection	Reconstruction  COnstruction  Constructions)	□ Destruction  DNSTRUCTION METHOD:  Reverse Rotary □ Rotary □ Air Rotary □ Other
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more context)  Agricultural  Test Hole  Monitoring	Reconstruction  COnstruction  Constructions)	Destruction  ONSTRUCTION METHOD:  Reverse Rotary  Rotary  Ohier  PROPOSED CASING:  Type  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole  Monitoring Cathodic Protection Other	Reconstruction  CC ections)	Destruction  ONSTRUCTION METHOD:  Reverse Rotary  Rotary  Other  PROPOSED CASING:  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other Neat Cement	Reconstruction  COnstruction	Destruction  ONSTRUCTION METHOD:  Reverse Rotary  Rotary  Other  PROPOSED CASING:  TypeSTEEL  DiameterO"  Gauge/Wall3/8"
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other SEALING MATERIAL (check one) Neat Cement Cement Grout	GRAVEL PACK: (check one)	Destruction  ONSTRUCTION METHOD:  Reverse Rotary  Rotary  Other  PROPOSED CASING:  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other SEALING MATERIAL (check one) Neat Cement Cement Grout Concrete	GRAVEL PACK: (check one)	Destruction  ONSTRUCTION METHOD:  Reverse Rotary  Rotary  Other  PROPOSED CASING:  TypeSTEEL  DiameterO"  Gauge/Wall3/8"
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other SEALING MATERIAL (check one) Neat Cement Cement Grout	GRAVEL PACK: (check one)	Destruction  ONSTRUCTION METHOD:  Reverse Rotary  Rotary  Other  PROPOSED CASING:  TypeSTEEL  DiameterO"  Gauge/Wall3/8"
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other	GRAVEL PACK: (check one)  Yes □ No From 900 To 200 Feet	PROPOSED CASING:  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other	GRAVEL PACK: (check one)  Yes □ No From 900 To 200 Feet  PROPOSED PERFORATIONS	PROPOSED CASING:  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other SEALING MATERIAL (check one) Neat Cement Cement Grout Concrete Other PROPOSED WELL CONSTRUCTION (DEPTH)	GRAVEL PACK: (check one)  Yes □ No From 900 To 200 Feet  PROPOSED PERFORATIONS OR SCREEN:	PROPOSED CASING:  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more contact) Agricultural Test Hole Monitoring Cathodic Protection Other Neat Cement Cement Grout Concrete Other	GRAVEL PACK: (check one)  Yes □ No From 900 To 200 Feet  PROPOSED PERFORATIONS OR SCREEN: From 880 To 220 Feet	PROPOSED CASING: Type
INTENDED USE:  Domestic/private (1 connection Domestic/public (2-4 connection Domestic/public (5 or more content)  Agricultural Test Hole  Monitoring  Cathodic Protection  Other  SEALING MATERIAL (check one)  Neat Cement  Cement Grout  Concrete  Other  PROPOSED WELL CONSTRUCTION (DEPTH)  Max. 900 Feet  Min. 700 Feet	GRAVEL PACK: (check one)  Yes □ No From 900 To 200 Feet  PROPOSED PERFORATIONS OR SCREEN:	PROPOSED CASING:  Type
INTENDED USE:  Domestic/private (1 connection Domestic/nonpublic (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other	GRAVEL PACK: (check one)  Yes	PROPOSED CASING: Type
INTENDED USE:  Domestic/private (1 connection Domestic/public (2-4 connection Domestic/public (5 or more con Agricultural Test Hole Monitoring Cathodic Protection Other SEALING MATERIAL (check one) Neat Cement Cement Grout Concrete Other PROPOSED WELL CONSTRUCTION (DEPTH) Max. 700 Feet	GRAVEL PACK: (check one)  Yes □ No From 900 To 200 Feet  PROPOSED PERFORATIONS OR SCREEN: From 880 To 220 Feet From To Feet  PROPOSED WELL D	PROPOSED CASING:  Type

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which confining clay layer(s) and assist in the placement of any required annular seal(s).

  A phone call to the Department office is required on the morning of the latest the placement of the property of th
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental
   Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.

  13. Lead appurtenances shall not be used in construction of any private or multi-
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

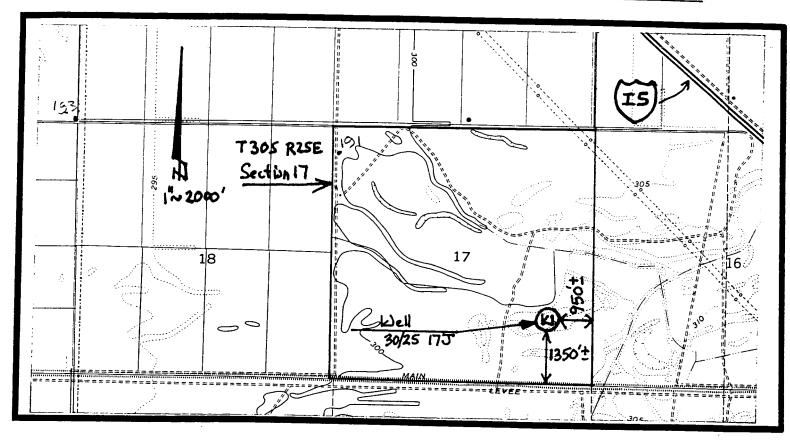
Owner's Signature Date	Authorized Agent or Agency 124/A
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 345 Date Paid: 6/24/00  Receipt # 93/9
ZONING  Zone: Access Approved: Yes No Flood Plan Approval Required Yes No Approved Disapproved  By: Approved Disapproved  Date: Date	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No.	
Assessor's Parcel No.	160-090-03

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

Section No.:			
D	С	В	A
E	F	G	Н
M	L	K	J ⊙Well
N	Р	Q	R

\_\_\_\_\_One Mile \_\_\_\_\_\_\_

# **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



September 13, 2000

# RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOF

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

SEP 1 5 2000

Kern Water Bank Authority
P. O. Box 80607
Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct two (2) agricultural wells located on APN 160-090-03, T30S, R25E, Section 17-M& J, have been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permits are outlined in the enclosure.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

**Enclosure** 

cc: Farm Pump & Irrigation, drilling consultant

File EH-543 & 544

Hardy\Water\KWBA-2-w23b



APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

		N OR DESTROY A WELL	
APPLICATION DATE: 8/24/	/06 PROPOSED S	TART DATE 09/07/2000	
OWNER: KERN WATER	PANK MUTHORITY	TART DATE <u>09/07/2000</u> Phone: (661) 399-8735	
Mailing Address: P.O. Box	80607	Phone: (661) 399-8735	
DRILLING	City	BAKERSFIELD Zip: 93380-	06
CONTRACTOR KWBA	Contractor's		
Address: P.O. Box 8060	7	Phone: (661) 399-8735	5
SUBCONTRACTOR- DRILLIANS	Carsus Ton T	BAKERSFIELD Zip: 93380-06	_ 07
Address: PA Roy 1477	CONSULTANT: FARM PUMP	BAKERSFIELD Zip: 93380-060 [NC. Phone: (661) 589-6901	_
7.0. 20x 7+17	City:	INC. Phone: (661) 589 - 6901  SHAFTER Zip: 93263	_
JOB SITE:	305 p.255	E.p. 13063	_
PROPERTY DESCRIPTION: Ass	305 R 25E Sec. 17 40 A	Acre Sub	
	essor's Parcel No.: 160 - 09	0-03	
	V/A		
DIRECTIONS to Well Site:	ake Enos Lane 3 miles	south of Stockdale Huy.	<b>Q</b> C
G	o West on north side	1 Stockdale Huy.	_
	312	ET KWBA Canal.	_
TYPE OF WORK TO BE DONE: (che	ck one) XNew Well		_
	□ Reconstruction	□ Deepen	-
INTENDED USE:	20101	□ Destruction	
□ Domestic/private (1 connection)	CO	NSTRUCTION METHOD:	
☐ Domestic/nonpublic (2-4 connection	us)	Reverse Rotary	
Domestic/public (5 or more conn.)		Rotary	
Agricultural		Air Rotary	
□ Test Hole		Other	
□ Monitoring	•		
□ Cathodic Protection			
□ Other	·	PROPOSED CASING:	
SEAL DIC MATTERIAL CO.		Type STEEL	
SEALING MATERIAL (check one)  □ Neat Cement	GRAVEL PACK: (check one)	Diameter 20"	
Cement Grout		Gauge/Wall 3/8"	
□ Concrete	¥Yes □ No	Conductor Depth50' ±	
Other	From 900 To 200 Feet		
PROPOSED WELL	PROPOSED PERFORATIONS	PROPOSED ANNULAR SEAL DEPTH:	
CONSTRUCTION (DEPTH)	OR SCREEN:	Unconsolidated 200'±	
Max. 900 Feet	From 880 To 220 Feet	Hardrock	
Min. 700 Feet	From To Feet		
PENETRATES TWO OR MORE	_		
AQUIFERS	PROPOSED WELL DE	ESTRUCTION SEAL DEPTH	
□ Yes <b>No</b>			
	DEPTH OF WELL TO	BE DESTROYED	
THIS APPLICATI	ON PECOMES A PER		

#### **GENERAL CONDITIONS:**

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- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other, aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Rees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

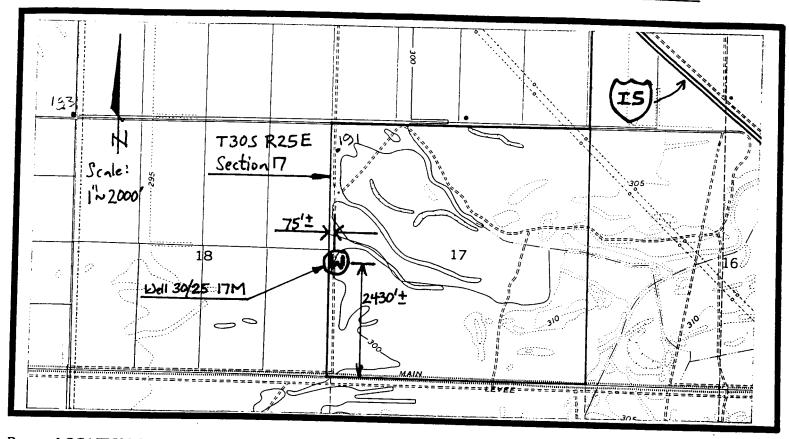
Owner's Au Signature Date	or Agency 161 fimmen Date 8/24/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 2/24/00  Receipt # 33/9
ZONING  Zone: Yes No Access Approved: Yes No Flood Plan Approval Required Yes No By: Approved Disapproved By: Approved Disapproved Date: 83400	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract			
Parcel No.			
Assessor's Parcel No	160	484	0.2

## LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

	Sectio	n No.:	
D	С	В	Α
E	F	G	Н
ØWell M	L	K	J
N	Р	Q	R

One Mile \_\_\_\_\_

# ENVIRONMENTAL HEALTH SERVICES DEPARTMENTAPR 1 7 2000

RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



April 12, 2000

# DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

6

P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

Kern Water Bank

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-090-03, T30S, R25E, Section 17-P, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

**Enclosure** 

cc: Farm Pump & Irrigation

File EH-398

Hardy\Water\KWaterBank-w23b

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701



Permit # EH-398

# APPLICATION FOR PERMIT TO CONSTRUCT, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 3-/7-	<i>no</i> Propos	ED START DATE: 3- 22-00
OWNER: KERN WATER BA	ONK AUTHORITY	Phone: 661 395 87
Address: Box 80607	city: BAKERST	0 0
DRILLING CONTRACTOR:	<i>(</i>	Phone: 661 - 589-69
Address: 130x 1477	city: Shartek	zip: 93267
SUBCONTRACTOR:		Phone:
Address:	City:	Zip:
JOB SITE: WELL 17P	T 305 R Z5F Sec. 17 40	Acre Sub. P
	Assessor's Parcel No.:	
SITE ADDRESS if available :		TOTAL ACRES:
DIRECTIONS to Well Site:	ENOS LANE 39 M. E.	DOLITH OF STOCKDAL
HYW WEST ON NORTH	1 SIN OF CANAL 3-14	mı.
TYPE OF WORK TO BE DONE: (chec	ck one) W New Well  □ Reconstruction	
INTENDED USE:  ☐ Domestic/private (1 connection of the connection	ction)	RETION METHOD: Reverse Rotary Rotary Air Rotary Other
SEALING MATERIAL: (check one)  Neat Cement Cement Grout Concrete Other	GRAVEL PACK: (check one)  Yes   No  From 800 To 300 Feet	PROPOSED CASING:  Type
PROPOSED WELL CONSTRUCTION (DEPTH)  Max. 860 Feet Min. 700 Feet	PROPOSED PERFORATIONS OR SCREEN:  From 790 To 320 Feet From To Feet	WELL CONSTRUCTION OR DESTRUCTION PROPOSED SEALS/PLUGS: Annular Other
PENETRATES TWO OR MORE AQUIPERS Yes \( \sum \) No		POSED WELL DESTRUCTION Well Depth ft

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- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- Other required inspections include: setting conductor casing, E-logs, all annular seals, and final construction features. 4.
- In areas where a well penetrates more than one equifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement 6. of any seals or plugs.
- 7. Approval of water quality and final construction features are required before the well is put into use.
- 8. Construction under this Permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or non-compliance with required Permit Conditions, or regulations, will result in issuance of a "Stop Work Order". 10.
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department. 11. 12.
- The permit is void on the ninetieth (90) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- Lead appurtenences shall not be used in construction of any private or public water supply system. The use of solders containing more 13. than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility of all activities and uses under this Permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this Permit, including, but not limited to, property damage, personal injury, and wrongful death.

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Owner's Signature Date 3/17	Drilling Contractor State Hylfm Date 3-17-00
INTERNAL USE ONLY Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 3-17-00  Receipt # 24220 Cash Ocheck (#24-323)  Fee Received by: NO Funture
ZONING  Zone:  Access Approved:  Flood Plan Approval Required:  DAPPROVED  DISAPPROVED  BY:  DATE:  DATE:	E-Log Required: Yes No  Gravel Chute Required: Yes No

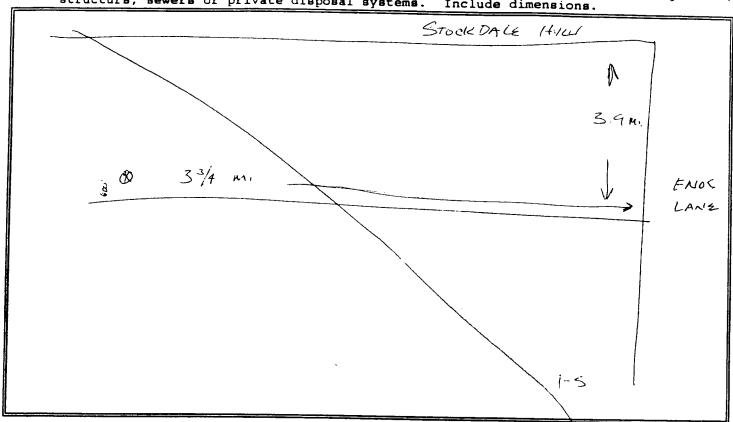
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701

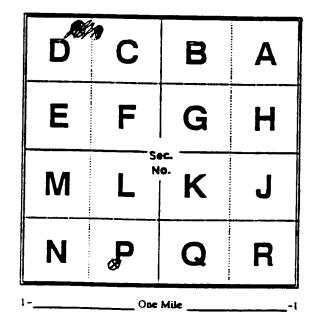
Parce	l Map/T	ract:	
	Parcel	No.:	
asessor's	Parcel	No.:	60-090-

# LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses, drainage pattern, roads, existing wells, structurs, sewers or private disposal systems. Include dimensions.



B. LOCATION OF WELL WITHIN SECTION LINES--Locate well by measuring from proposed site in relation to section lines or 1/2 section lines.



# **KERN COUNTY** DEPARTMENT OF ENGINEERING & SURVEY SERVICES

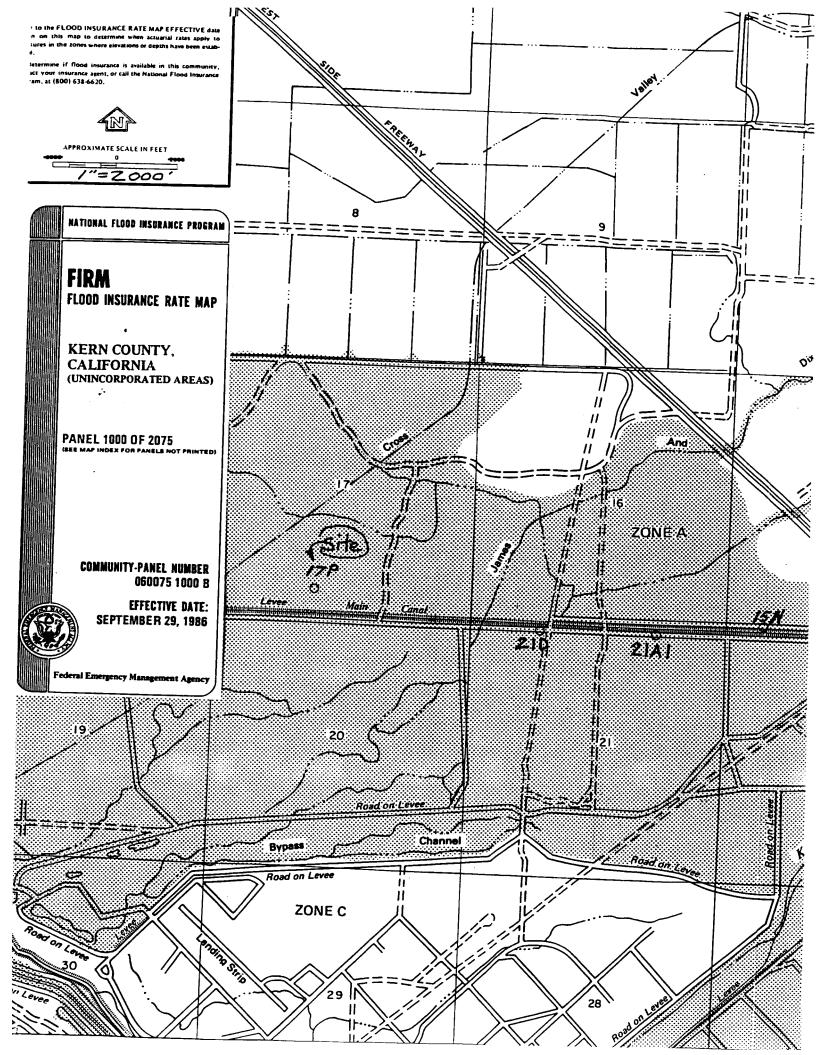
# FLOOD PROTECTION REQUIREMENTS FOR A WELL

In response to a request dated <u>April 3, 2000</u> , a flood hazard evaluation was performed for:  Building Permit Number: 17,000
Applicant: Kern Water Bank Authori)
Assessor's Parcel Number: 160-090-03
Street Address:
Section Township/Range: Sec. 17, T.30S., R.25E.  Date completed: April 4: 2 and 19
File: 1/1/1/21 :- ·
AND FEE:
Flood protection requirements are hereby set and a fee is not required. Previous
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
The top of the wall as a second secon
so the well casing shall be elevated to a mini-
[ ]foot/feet above the prevailing ground level (see note) at the location of the well
a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation  Certificate form provided by Kern County. The datum is referenced.
site or one foot above the perimeter levee, whichever is higher.
Reviewed by: MDMD
Note: Prevailing ground level in the

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

The	documents reviewed to perform this evaluation are as indicated:
M	FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075
[]	FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075
[]	Parcel Map/Tract Map/Approximate Study
BASIS	
The w	ell site is located in an area subject to flooding from
M	Within FEMA FIRM Zone and is:
	Within FEMA FBFM limits (see alternate #2).
[]	Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
I	[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
•	Floodplain Zone A.
Therefor	e, the 100-year storm event flood conditions are as follows:
	Flow depth of  Base flood elevation of  Average flow velocity of  Flow depth of  foot  feet NGVD  feet per second
ALTERN	ATIVE #1:
Submit a sufficient requireme	detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with calculations and information to indicate compliance with the above-stated flood protection
ALTERNA	
All facilities constructe Environme	s to be located underground and protected by flood control devices approved by this Department and entail to be so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County entail Health Department and this Department.
	e any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management this Department at (805) 862-5100.
Attachment	

GENERAL INFORMATION:



# **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITÉ 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



August 29, 2000

## RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department

Planning Department Roads Department

SEP 0 1 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-090-02, T30S, R25E, Section 18-K has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley Director

By: Thomas Hardy R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation, drilling consultant

File EH-534

Hardy\Water\KWBA-23b

270 M" Street, Suite 300 Bakerstield, CA 93301 Phone (661) 862-8700 FAX (661) 862-8701



Permit # EH-53

# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

<u>9/07/2000</u> e: (661)399-8735
110 1/2000
(66) 390 077=
e
Zip: <b>93380</b> -0
one: (661) 399-8735
one: 1661) 399-8735
Zip: <u>93380-060</u>
<u>PZip: <b>73380-060</b></u> : <b>(661) 589 - 69</b> 01
Zip: <u>93263</u>
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1 Lanal.
epen struction
THOD:
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3/8"
th 50' ±
NULAR SEAL DEPTH:
d 200'±
<u> </u>
L DEPTH <u>N/A</u>
L DEPTH <u>N/A</u>

## **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval 1. of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from 2.
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed. 4.
- Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- . In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s). 6.
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs. 7.
- Approval of water quality and final construction features is required before the well is put into use.
- Construction under this permit is subject to any instructions by Department representatives. 8.
- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 9.
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental 10. Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11. 12.
- The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employées, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit

Owner's SignatureDate	Authorized Agent or Agency Hest Simmons Date \$/24/00
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 345 Date Paid: 8/24/00  Receipt #369 Cash Check (#35/9/)  Fee received by: 4/1. Saling
ZONING  Zone:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No
REASONS FOR DENIAL O	OR CONDITIONS OF PERMIT.

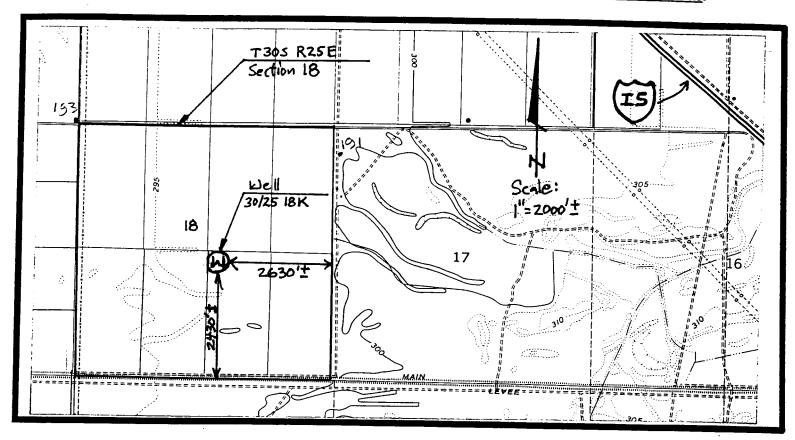
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

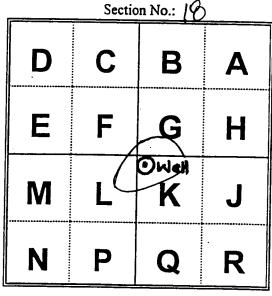
Parcel/Map/Tract
Parcei No
Assessor's Parcel No. <u>160-090-02</u>

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.



-\_\_\_\_\_ One Mile \_\_\_\_\_

ENVIRONMENTAL HEALTH DIVISION KEPN COUNTY HEALTH DEPARTMENT

APPLICATION FOR WATER WELL DRILLING PERMIT

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HATAL AND ADDRESS KE I)	little Rf sty	93307	LICENSE NUMBER
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AGRICULTURAL WELL X, PRIV	VATE DOMESTIC WELL DO	MATCHE WELL, F	OR THE PURPOSE OF AN
ON PROPERTY OWNED BY	ENNECO Wes	The stream of th	OR MORE CONNECTIONS,
WHOSE MAILING ADDRESS IS	PD Box 380	- Rallaice A.	92302
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KERN COUNTY PLANNING COMMI	SSION		
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HE TH DEPT REMARKS:			*
BY:			
DATE:			
PERMIT NO.			

ENVIRONMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT

# APPLICATION FOR WATER WELL DRILLING PERMIT

коно # 306 пн (10/71).

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ROTARY	CABLE,		TYPE WELL	FOR THE PURPOSE OF	AN
AGRICULT	URAL WELL, PRIVATI	E DOMESTIC WELL, D	OMESTIC WELL WITH	2 OR MORE CONNECTION:	s,
ON PROPE	RTY OWNED BY	ine co West			
WHOSE MA	ILING ADDRESS IS PO	7. Box 380	Bakasfull	93302	
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1	•				
BY:	-				
DATE:	·				
PERMIT NO	•				/02.3

# **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

# STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



June 19, 2000

# **RESOURCE MANAGEMENT AGENCY**

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department

Roads Department  $JUN_{212000}$ 

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380

## Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-100-09, T30S, R25E, Section 20-L, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-483

Hardy\Water\KernWBA-w23b

Ke County Environmental Health Services Department 2700 "M" Street. Suite 300 Bakersfield. CA 93301 Phone (661) 862-8700 FAX (661) 862-8701



Permit # EH-483

# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

A PPI ICATION DATE				
APPLICATION DATE:	-31-00	PROPOSED S	TART DATE _	6-7-00
OWNER. TREEL WH	IER BAUL	ANTHORITY		
Mailing Address: Pox &	30607	City	BAKSES	Phone: <u>661-399-8738</u> Siezd Zip: <u>93380</u>
DRILLING		Contractor's	77	Zip: 93380-
CONTRACTOR KUBA		l icense	02/18	Phone: 379-8738
Address:	30607	Cit	4-	Phone: 379-8738
SUBCONTRACTOR: David		City:	TSAKS	estrold Zip: 93380
Address:	45 COUSTILT	ALIT FARM	Pump. I	Phone:
Address:		City:_		Zip:
JOB SITE:	T 305 R 25	Sec. 20 40	Acre Sub	•
PROPERTY DESCRIPTION:	Assessor's Parcel No	: 160 100	0900	
SITE ADDRESS if available:				
DIRECTIONS to Well Site:	FAIRS / Pu	200		TOTAL ACRES: 250
11/56 - 201 01000	THE CHAIN	E SPMI 5	DUTH OF	_ STOCKEDUCE HYEL
LUEST ON MORTH	ZIDZ OF KL	UBA CANHO	<u></u>	
TYPE OF WORK TO BE DONE: (	(check one)	New Well		□ Deepen
		☐ Reconstruction		□ Destruction
INTENDED USE:		_		
☐ Domestic/private (1 connection)	)	CC	ONSTRUCTION	N METHOD:
□ Domestic/nonpublic (2-4 connec	ctions)		☑ Reverse Rota ☐ Rotary	ary
Domestic/public (5 or more com	n.)		☐ Air Rotary	
✓ Agricultural  □ Test Hole			□ Other	
☐ Monitoring				
□ Cathodic Protection				
□ Other			~	PROPOSED CASING:
			l ype	
SEALING MATERIAL (check one)	GRAVEI	L PACK: (check one)		all $\leq // \leq$
□ Neat Cement  © Cement Grout				r Depth
□ Concrete		es □ No		
Other	rrom	900 To 200 Feet		
			PROPOST	SD 43.05
PROPOSED WELL	PROPOSED P	ERFORATIONS	Linconse	ED ANNULAR SEAL DEPTH:  plidated
CONSTRUCTION (DEPTH)	OR So	CREEN:	Hardroci	k
Max. <u>900</u> Feet Min. <u>700</u> Feet	From <u>~100</u> T	0 <u>200</u> Feet		
Mai. 100 Teet	rromT	o Feet		
PENETRATES TWO OR MORE		PROPOSED WELL E	\ECTD1	
AQUIFERS	PROPOSED WELL DESTRUCTION SEAL DEPTH			
□ Yes ☑ No	DEPTH OF WELL TO BE DESTROYED			
			L DESTRO	I EU

# **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from
- Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the 2.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed. 4.
- Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features. 5.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s). 6.
- A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the
- Approval of water quality and final construction features is required before the well is put into use. 7.
- Construction under this permit is subject to any instructions by Department representatives. 8. 9.
- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 10.
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11. 12.
- The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system. 14.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage,

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit

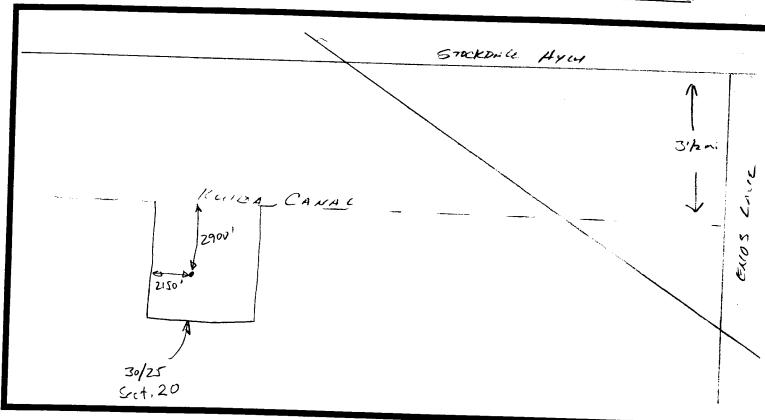
Signature Date	thorized Agent or Agency Male 46 ff Date 5-31-
Internal use only	Total Fee: 335 Date Paid: 5/3/100  Receipt # 10 5033 Cash Check (# 3470) See received by: William Silver
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Pyes   No  Approved   Disapproved  By:  Date:  5 34/00	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:  Gravel Chute Required:  Yes No

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersrield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

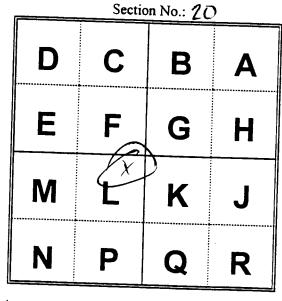
Parcel/Map/Tract
Parcel No
Assessor's Parcel No. 100-100-09

## LOCATION

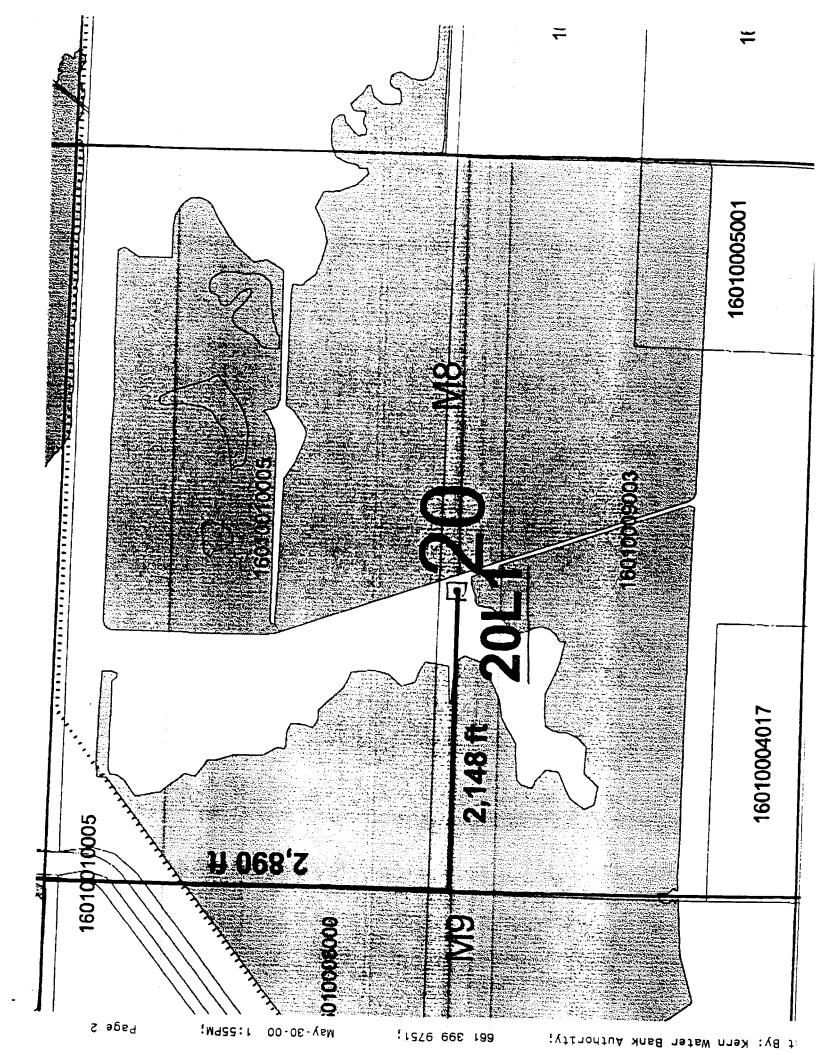
A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.



1-\_\_\_\_\_ One Mile \_\_\_\_



# KERN COUNTY PLOOD PROTECTION REQUIREMENTS

# FOR A WELL

In response to a request dated 5.31.200, a flood hazard evaluation was performed for:

Building Permit Number:
Applicant: KERN WATER BANK ANTHORITY
Assessor's Parcel Number: 160 - 100 - 09
Street Address: 31/2 MI. S/O STOCKDALE HWY.; 1/2 MI. E/O BUSEL RO
Section Township/Range: SEC. ZO, T. 30 S. R. 25 E.
Section Township/Range: SEC. 20, T. 30 S. R. 25 E.  Date completed: JUNE 9,200 File: 141.1.121.20.1
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and fee fee is required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
xi 2.0 Mifeet above the prevailing ground level (see note) at the location of the well site.
NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
foot/feet above the prevailing ground level (see note) at the location of the well site or one foot above the possible backwater condition, whichever is higher. A possible backwater condition exist behind the
eviewed by:

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

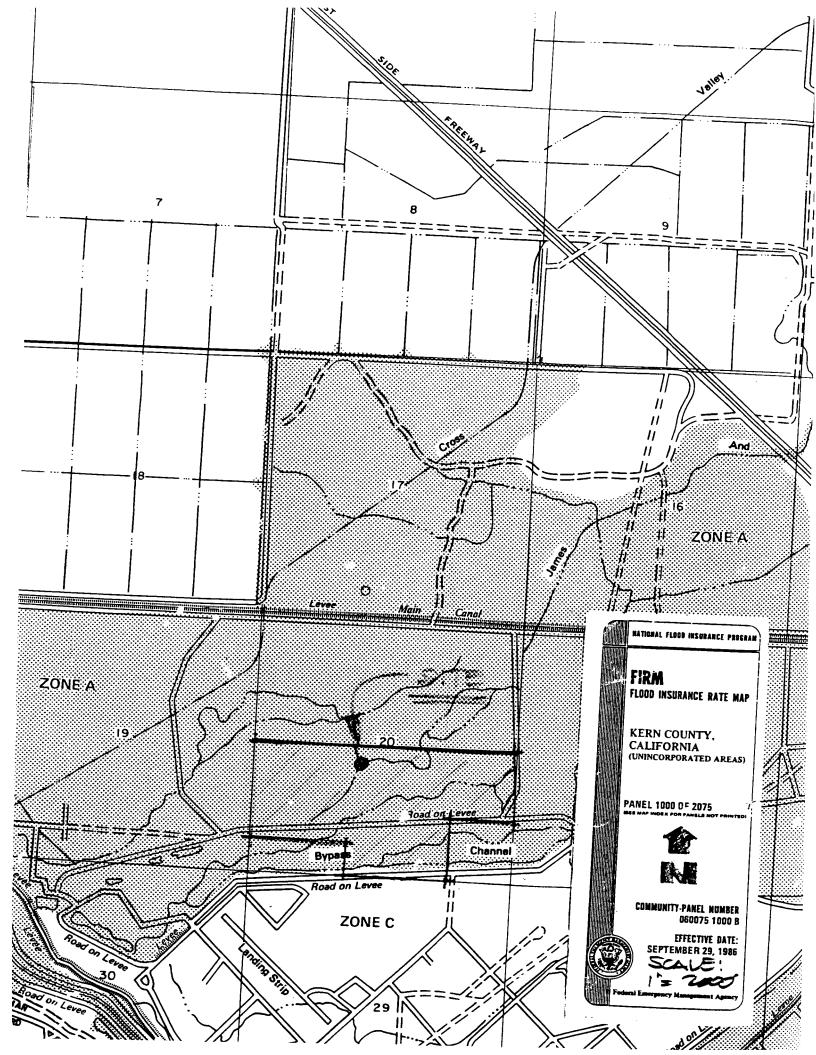
GENERAL INFORMATION:				
The documents reviewed to perform this evaluation are as indicated:				
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075				
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075				
[ ] Parcel Map/Tract Map/Approximate Study				
BASIS:				
The well site is located in an area subject to flooding from KERN RIVER				
─────────────────────────────────────				
[ ] Within FEMA FBFM limits (see alternate #2).				
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:				
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary				
[ ] Floodplain Zone A.				
Therefore, the 100-year storm event flood conditions are as follows:				
Flow depth of foot###  [ ] Base flood elevation of feet NGVD  [ ] Average flow velocity of feet per second				
ALTERNATIVE #1:				
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection				
ALTERNATE #2:				
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.				
If you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (805) 862-5100.				

Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park

[ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi

**Attachments** 

CC:



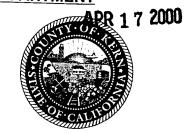
# **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

**RESOURCE MANAGEMENT AGENCY** 

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department

**Roads Department** 

April 13, 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-110-13, T30S, R25E, Section 21-A, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy, R.E.N.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-401

KernWaterBank-EH401-w23b

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701





# APPLICATION FOR PERMIT TO CONSTRUCT, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 3-/	7 - 00 Proper	an consum page. 3-12
		SED START DATE: 3-21-00
OWNER: / FERN WIATER	BANK AUTHORITY	Phone: 661-399 87
Address: Box 80607	city: BARERS	PIELO Zip: 93380-060-
DRILLING CONTRACTOR: F.P	'. j.	Phone: 661 - 589 69
Address: Box 1477	7 city: Shafte	e zip: 93263
SUBCONTRACTOR:		Phone:
Address:	City:	Zip:
JOB SITE: WELL ZIAI	T 305 R 25 Sec. 21 40	Acre Sub. A
PROPERTY DESCRIPTION:	Assessor's Parcel No.: / 6	0-110-13
SITE ADDRESS if available :		total acres: 320
DIRECTIONS to Well Site:		SOUTH OF STOCKDALL
HYUL WEST ON	SOUTH SIDE OF CONNAL	211+ m.
TYPE OF WORK TO BE DONE: (ch  INTENDED USE:  Domestic/private (1 con	☐ Reconstruction  CONSTR	☐ Deepen ☐ Destruction  UCTION METHOD:  Y Reverse Rotary
☐ Domestic/nonpublic (2-4 ☐ Domestic/public (5 or m ☑ Agricultural	connections)	Rotary Air Rotary Other
☐ Test Hole ☐ Monitoring ☐ Cathodic Protection ☐ Other		
SEALING MATERIAL: (check one	e) GRAVEL PACK: (check one)	PROPOSED CASING:
□ Neat Cement  Cement Grout	<b>-</b> /	Type STEEL
□ Concrete	From 800 To 100 From	Diameter /8-
Other	From <u>800</u> To <u>200</u> Feet	Depth 800 +- Conductor Depth 70-100 Gauge/Wall 5/16
PROPOSED WELL	PROPOSED PERFORATIONS	WELL CONSTRUCTION
CONSTRUCTION (DEPTH)	OR SCREEN:	OR DESTRUCTION PROPOSED SEALS/PLUGS:
Max. 800 Feet Min. 700 Feet	From Scot To 320 Feet From To Feet	Annular 300 1- Other
PENETRATES TWO OR MORE	PRO	POSED WELL DESTRUCTION
AQUIFERS M Yes No		Well Depth ft

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access and flood plain clearances prior to approval of the Environmental Health Services Dept. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one squifer, and one or more of the squifers may contain water which is of a quality which may degrade the other squifer(s) penetrated if allowed to commingle, an E-log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features are required before the well is put into use.
- 8. Construction under this Permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or non-compliance with required Permit Conditions, or regulations, will result in issuance of a "Stop Work Order".
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility of all activities and uses under this Permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this Permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to insure compliance with the pertinent regulations.

Owner's Signature 1/17  Date 3/17	Drilling Contractor Afish Sky H Date 3-17-0
INTERNAL USE ONLY Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 3 -17-00  Receipt #24220 Cash & Check (#3433)  Fee Received by: A Funtan
ZONING  Zone:  Access Approved: Flood Plan Approval Required:  ZONING  Ves  No	E-Log Required: Yes No No
BY: This proved DISAPPROVED DISAPPROVED DISAPPROVED DISAPPROVED	

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Elevate casing 2' above prevailing ground level

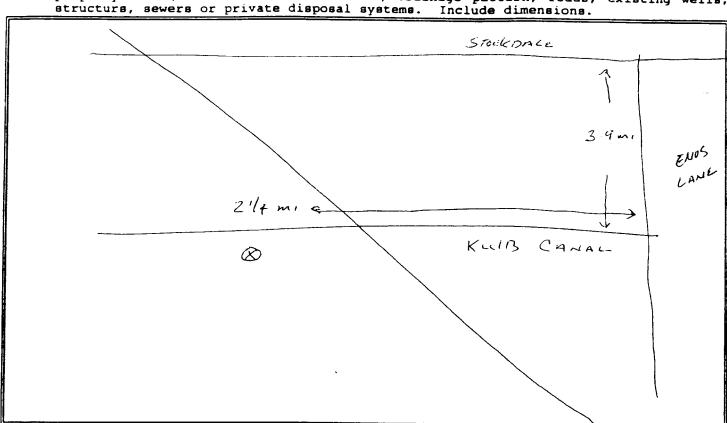
or 1' above perimeter of level.

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701

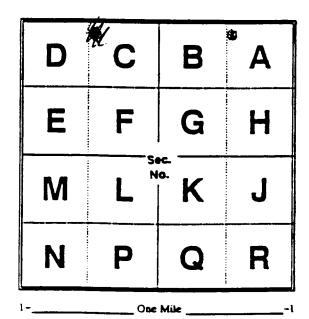
Parce:	l Map/Ti	ract:	
	Parcel	No.:	
ssessor's	Parcel	No.	

# LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses, drainage pattern, roads, existing wells, structure, sewers or private disposal systems. Include dimensions.



B. LOCATION OF WELL WITHIN SECTION LINES--Locate well by measuring from proposed site in relation to section lines or 1/2 section lines.



# KERN COUNTY DEPARTMENT OF ENGINEERING & SURVEY SERVICES

21 30/25

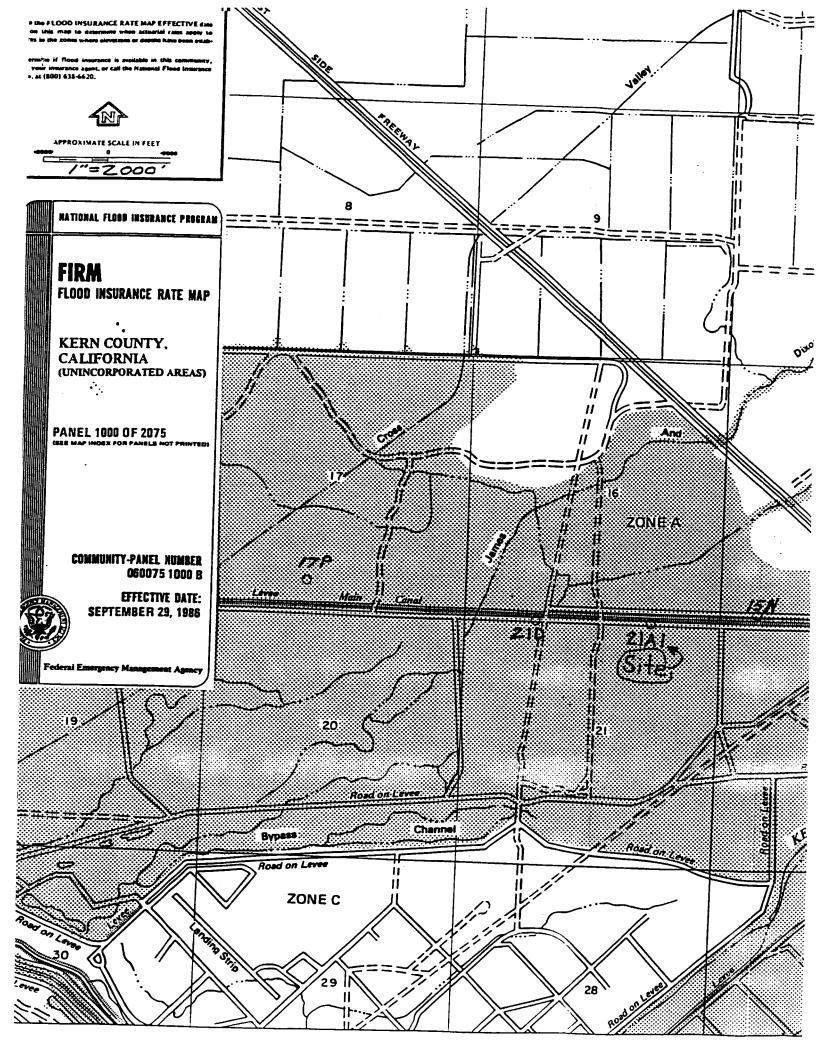
# FLOOD PROTECTION REQUIREMENTS FOR A WELL

In response to a request dated April 3, 2000, a flood hazard evaluation was performed for
Building Permit Number: Well ZIAI
Applicant: Kern Water Bank Authority
Assessor's Parcel Number: 160-110-13
Street Address:
Section Township/Range: Sec. 21, T. 305., R. 25 E.
Date completed: <u>April 4, 2000</u> File: <u>141.1.121.71.1</u>
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and a fee is not required. Previous
represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS  The top of the well casing shall be a least to the state of the well case of the state of the st
The top of the well casing shall be elevated to a minimum height of:
[ ]foot/feet above the prevailing ground level (see note) at the location of the well site.
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation  Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
site or one foot above the perimeter levee, whichever is higher.
Reviewed by: Why
Note: Prevailing ground level is the highest natural about

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

The d	locuments reviewed to perform this evaluation are as indicated:
×	FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 / 1000 B effective September 6, 1995.
[]	FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[]	Parcel Map/Tract Map/Approximate Study
BASIS	
The w	ell site is located in an area subject to flooding from
M	Within FEMA FIRM Zone and is:
[]	Within FEMA FBFM limits (see alternate #2).
[]	Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
	[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
	[ ] Floodplain Zone A.
Therefo	ore, the 100-year storm event flood conditions are as follows:
	Flow depth of  Base flood elevation of  Average flow velocity of  Flow depth of  foot  feet NGVD  feet per second
ALTER	NATIVE #1:
Submit sufficier requiren	a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with nt calculations and information to indicate compliance with the above-stated flood protection nents.
ALTER	NATE #2:
	ies to be located underground and protected by flood control devices approved by this Department and ted so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County mental Health Department and this Department.
If you ha	ave any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management of this Department at (805) 862-5100.
Attachme	nts Dwner/Applicant/Building Inspection Division- Bakersfield/Frazier Park ake Isabella/Ridgecrest/Mojave/Tehachapi

**GENERAL INFORMATION:** 



#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department

Roads Department

April 13, 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-110-13, T30S, R25E, Section 21-D, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley/Director

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation

File EH-400

KernWaterBank-EH400-w23b

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701



Permit # EH-400

# APPLICATION FOR PERMIT TO CONSTRUCT, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 3-17	7 - 60 PRC	OPOSED START DATE: 3-27-00
OWNER: KERN WHITER 1	BANK ALITHORITY	Phone: 661-355-87.
Address: 30x 80607	city: Bake	es freed zip: 93380-060
DRILLING CONTRACTOR: FP1		Phone: (61 - 588 - 69.
Address: 130x 1477	city: Shan	TER 21p: 93263
SUBCONTRACTOR:		Phone:
Address:	City:	Zip:
JOB SITE: WELL 2/D	-	
PROPERTY DESCRIPTION: A	Assessor's Parcel No.: /	60-110-13
SITE ADDRESS if available :		TOTAL ACRES: 770
DIRECTIONS to Well Site:	FNOS CAN'E 3-9 MIL	ES SOUTH OF STOCKDALE
144W WEST ON SOUTH	1 SIDE OF CANUAL	23/4 mile
TYPE OF WORK TO BE DONE: (chec	k one)	
INTENDED USE:  ☐ Domestic/private (1 connection) ☐ Domestic/nonpublic (2-4 connection) ☐ Domestic/public (5 or more private) ☐ Agricultural ☐ Test Hole ☐ Monitoring ☐ Cathodic Protection ☐ Other	ction) onnections)	STRUCTION METHOD:  M Reverse Rotary Rotary Air Rotary Other
SEALING MATERIAL: (check one)  Neat Cement Cement Grout Concrete Other	GRAVEL PACK: (check one Yes O No From Son To 300 Fee	Type STEEL Diameter 1860
PROPOSED WELL CONSTRUCTION (DEPTH)  Max. 200 Feet Min. 700 Feet	PROPOSED PERFORATIONS OR SCREEN:  From Soc To 320 Feet From To Feet	WELL CONSTRUCTION OR DESTRUCTION PROPOSED SEALS/PLUGS: Annular Other
PENETRATES TWO OR MORE AQUIPERS Ves  No		PROPOSED WELL DESTRUCTION Well Depth ft

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access and flood plain clearances prior to approval of the Environmental Health Services Dept. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- Approval of water quality and final construction features are required before the well is put into use.
- 8. Construction under this Permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or non-compliance with required Permit Conditions, or regulations, will result in issuance of a "Stop Work Order".
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- The permit is void on the ninetieth (90) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility of all activities and uses under this Permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this Permit, including, but not limited to, property damage, personal injury, and wrongful death

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to insure compliance with the pertinent regulations.

Owner's Signature Herb Ammons Date 3/17	Drilling Contractor Wile fly Lype Date 3-17-0
INTERNAL USE ONLY	Total Fee: 335 Date Paid: 3.17-00
Permit Approved:  Date:	Receipt #247) □ Cash □ Check (#34)32
Expiration Date:	Fee Received by: hv. tlnton,
ZONING	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT
Zone: Yes No	E-Log Required:
Access Approved: Yes No Flood Plan Approval Required: Yes No	Gravel Chute Required:
BY: TO DISAPPROVED	
DATE:	

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

5 \* Elevate casing 2 above

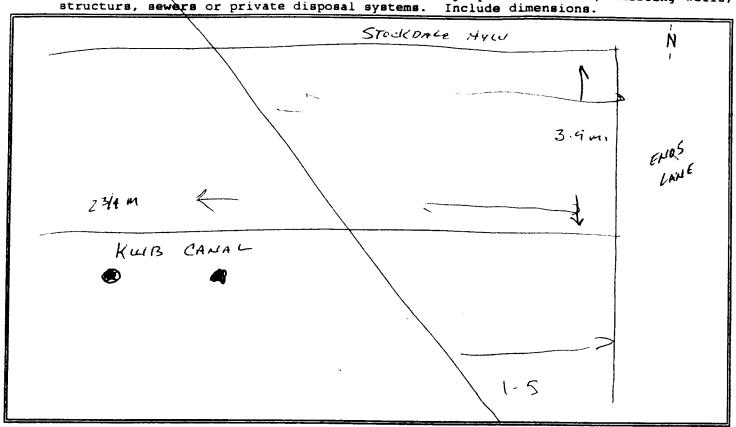
129 above perimoner of

Kern County
Environmental Health Services Dept.
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (805) 862-8700
FAX (805) 862-8701

Parce	l Map/T	ract:	
	Parcel	No.:	
Assessor's	Parcel	No.:	160-11001

## LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses, drainage pattern, roads, existing wells, structurs, sewers or private disposal systems. Include dimensions.



B. LOCATION OF WELL WITHIN SECTION LINES--Locate well by measuring from proposed site in relation to section lines or 1/2 section lines.

D®	*C	В	Α
E	F	G	Н
M	L	K	J
N	Р	Q	R

1 - \_\_\_\_\_\_ One Mile \_\_\_\_\_\_-

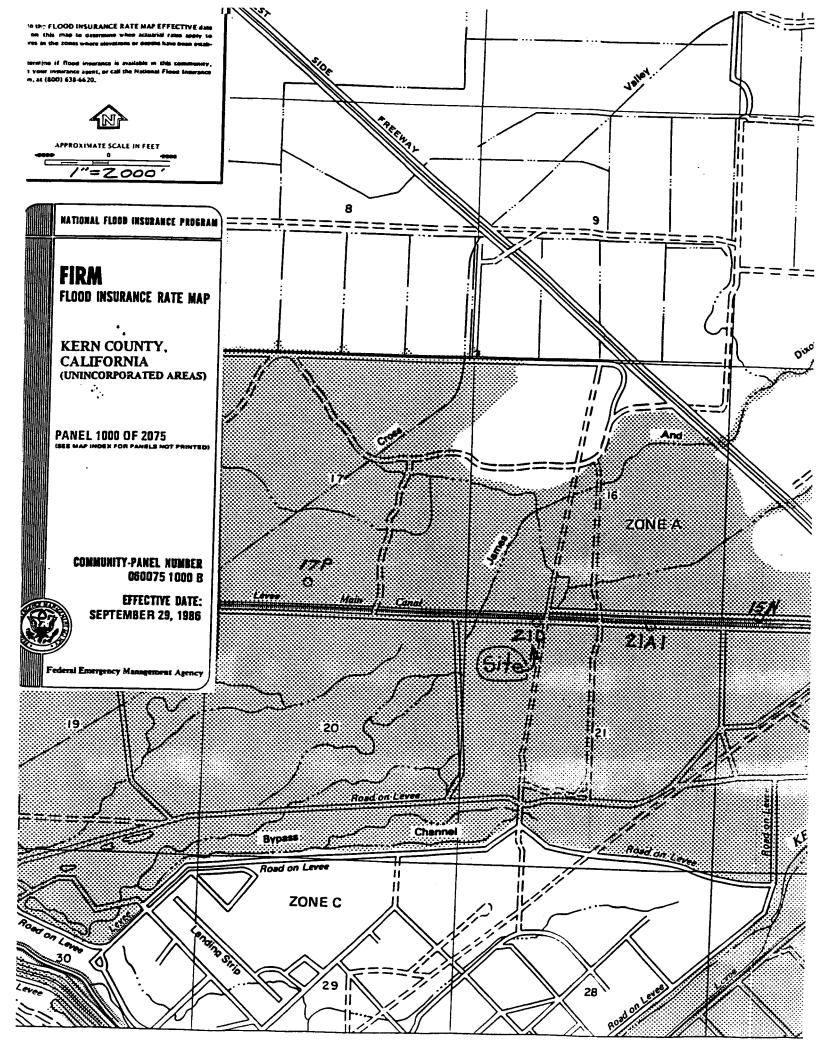
## KEKN COUNTY DEPARTMENT OF ENGINEERING & SURVEY SERVICES

# FLOOD PROTECTION REQUIREMENTS FOR A WELL

In response to a request dated <i>April 3, 2000</i> , a flood hazard evaluation was performed for:
Building Permit Number: Well 21D
Applicant: Kern Water Bank Authority
Assessor's Parcel Number: 1/00-1/0-13
Street Address:
Section Township/Range: Sec. 21, T. 30S., R. 25 E.
Date completed: <u>April 4, 2000</u> File: <u>/4/. /. /2/. Z1. /</u>
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and a fee is not required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
[ ]foot/feet above the prevailing ground level (see note) at the location of the well site.
NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
Site or one foot above the perimeter levee, whichever is higher.
Reviewed by: M. D. M.

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

GENERAL INFORMATION:
The documents reviewed to perform this evaluation are as indicated:
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 / 1000 B effective September 6, 1995.
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[ ] Parcel Map/Tract Map/Approximate Study
BASIS:
The well site is located in an area subject to flooding from
Within FEMA FIRM Zone and is
[ ] Within FEMA FBFM limits (see alternate #2).
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
[ ] Floodplain Zone A.
Therefore, the 100-year storm event flood conditions are as follows:
Flow depth of  Base flood elevation of Average flow velocity of  Flow depth of  feet NGVD feet per second
ALTERNATIVE #1:
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.
ALTERNATE #2:
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.
If you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (805) 862-5100.
Attachments cc: Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park [ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi



KCHD # 306 EH (10/71).

ENVIRONMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT

* * * * * * * * * * * * * * * * * * * *	* * * * * * * * * * *	* * * * * * * * * *	********	* *
DE LING COMPANY	Drilling		C57288 JG	(3
(6001-1) <u>62010</u>	Wible RAF64	93307	LICENSE NUMBER	
PLAN TO COMMENCE URILLING 2	, DEEPENING, RE	CONDITIONING, D	ESTRUCTION, OF A	
ROTARY X, CABLE ,		TYPE WELL,	FOR THE PURPOSE OF AN	
AGRICULTURAL WELL X, PRIVA	TE DOMESTIC WELL,	DOMESTIC WELL WITH	2 OR MORE CONNECTIONS	<b></b> ,
ON PROPERTY OWNED BY TE	WNECO WEST	<del>/-</del>		
WHOSE MAILING ADDRESS IS	PO. Box 380	BAKerstie	ld 93300	2
T305 F	70 E of	N/4 Cor	FOR INSPECTIONS AS FOL	
USE ADDITIONAL SHEET OR B	ACK OF FORM FOR CONTIL	NUED INFORMATION)	NOR TH	
SOUTH SOUTH	PROPERTY, SEWAGE LI AS THEY R	RAW IN JCH AS REET, INDICATE HOW OWNERS WAR HIS HOME INES, ETC	SOUTH	EAST
SUBMITTED BY: (SIGNATURE)	2 Josh AS AGE	NT FOR SOMPANY OR	CLIENT'S NAME)	
	- FOLLOWING IS FOR O	•		
BY Philly Pouls KERN COUNTY PLANNING COMMI	APPROVED SUBJE	CT TO THE FOLLOWING	CONDITIONS:	
DATE: 4-7-76  + * * * * * *  HEALTH DEPT REMARKS:	* * * * * *	* * *	* * * * *	*
BY:				
DATE:				
PERMIT NO.				

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



June 19, 2000

#### RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

JUN 2 1 2000

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 160-120-22, T30S, R25E, Section 23-H, has been received and reviewed.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

c/1/1/1

Steve McCalley, Direct

By: Thomas Hardy, E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

**Enclosure** 

cc: Farm Pump & Irrigation

File EH-484

Hardy\Water\KWBA-w23b





# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 5-	31-00	_PROPOSED STAF	RT DATE 6 -	7-00
OWNER: KEIZA! WATE	ER BANK A	ITHORITY	Dhones / /	
Mailing Address: 13 ox 80	607	City /	BAKER STIELD	7in: 93361
DRILLING CONTRACTOR KWBA	<u> </u>	Contractor's License	2/4 <b>/28</b> Dhono. /	11-304 000
Address: 130x 806	07	City:	BAKEASLINIA	7:- 93300
SUBCONTRACTOR: Dailing	CONSULTANT '	FARM DOWN D	Phone	Zip: / 5 \$20
Address:		Cing	rnone.	<u> </u>
JOB SITE:	·305 R25E Se	ec. 23 40 Acre	Sub H	
PROPERTY DESCRIPTION:	Assessor's Parcel No.:	160 120 2	22006	
SITE ADDRESS if available:			TOTAL A	CRES. UD
DIRECTIONS to Well Site:	NOS LANZ 3	Zm. Saus	THE OF STORY	CRES: 40
WEST ON NORTH 3	SIDS OF KW	BA CALLA	1	LACE HYLL!
		ISI CANA		
TYPE OF WORK TO BE DONE: (c	heck one)	New Well	□ Deepen	
		Reconstruction	□ Destruction	on
INTENDED USE:  Domestic/private (1 connection)  Domestic/nonpublic (2-4 connection)  Domestic/public (5 or more connection)  Agricultural  Test Hole		æ1 01	STRUCTION METHOD Reverse Rotary Rotary Air Rotary Other	
☐ Monitoring☐ Cathodic Protection				
□ Other	·		PROPOSE  Type	ED CASING:
SEALING MATERIAL (check one)    Neat Cement   Cement Grout   Concrete   Other	GRAVEL PACK Yes From 500 To	□ No	Diameter Gauge/Wall	18"
PROPOSED WELL CONSTRUCTION (DEPTH) Max. 900 Feet Min. 700 Feet	PROPOSED PERFOR OR SCREEN From <u>800</u> To <u>200</u> From To	l: <u>∂</u> Feet	PROPOSED ANNUL Unconsolidated Hardrock	AR SEAL DEPTH:
PENETRATES TWO OR MORE AQUIFERS	PRO	POSED WELL DES	STRUCTION SEAL DE	PTH
□ Yes ☑ No	DEP	TH OF WELL TO E	BE DESTROYED	

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90<sup>th</sup>) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

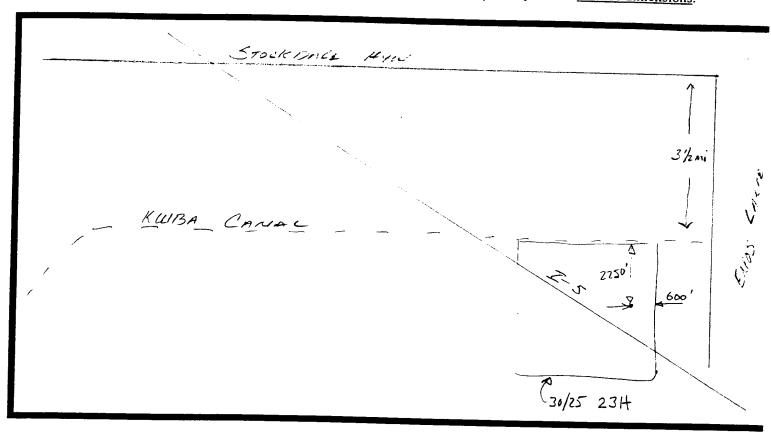
Owner's Au Signature Date	or Agency Mas Auft Date 5-31-
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 5/31/00  Receipt # 51/33 Date Paid: 5/31/00  Fee received by: Wichell Saline)
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  PApproved  By:  Date:  5 31/00	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No
REASONS FOR DENIAL O	R CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract
Parcel No.
Assessor's Parcel No. 1100-170-22

#### LOCATION

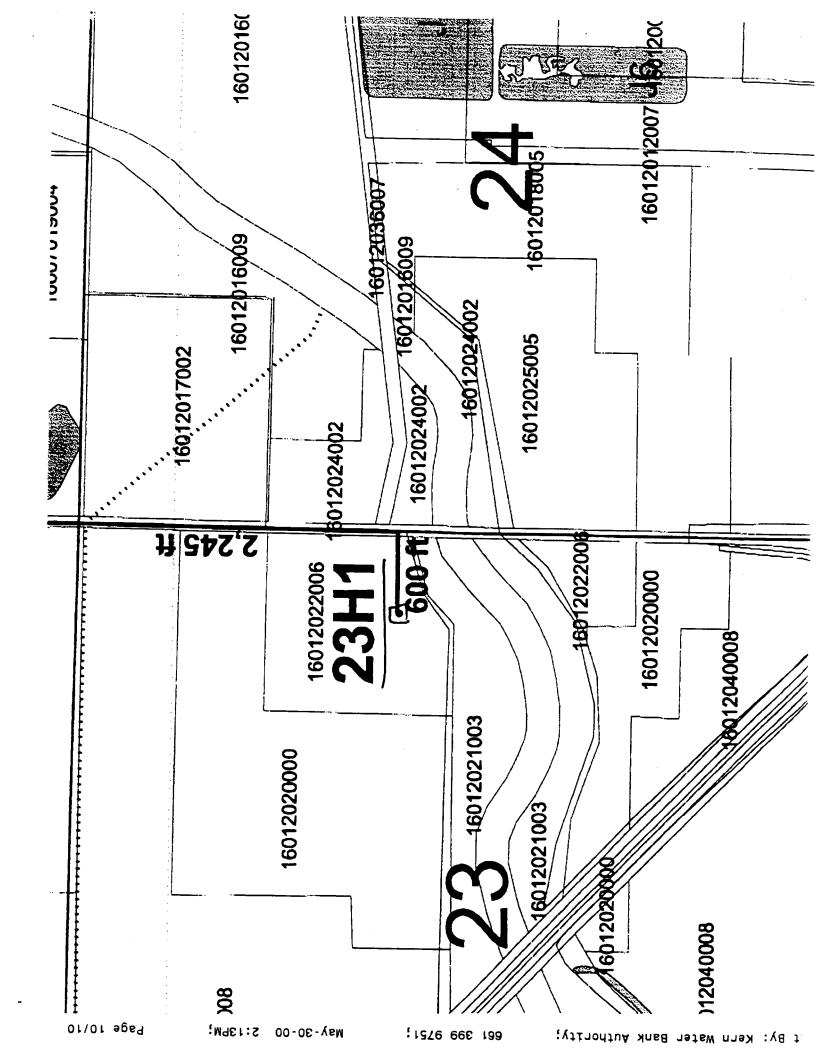
A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to sectio lines or half section lines.

	Section	n No.: 2	5
D	C	В	Ą
E	F	G	H
M	L	K	J
N	Р	Q	R

<b>←</b>	One Mile	
	OIL MILE	-



# DEPARTMENT OF ENGINEERING & SURVEY SERVICES **KERN COUNTY**

In response to a request dated 5.31.200, a flood hazard evaluation was performed for:

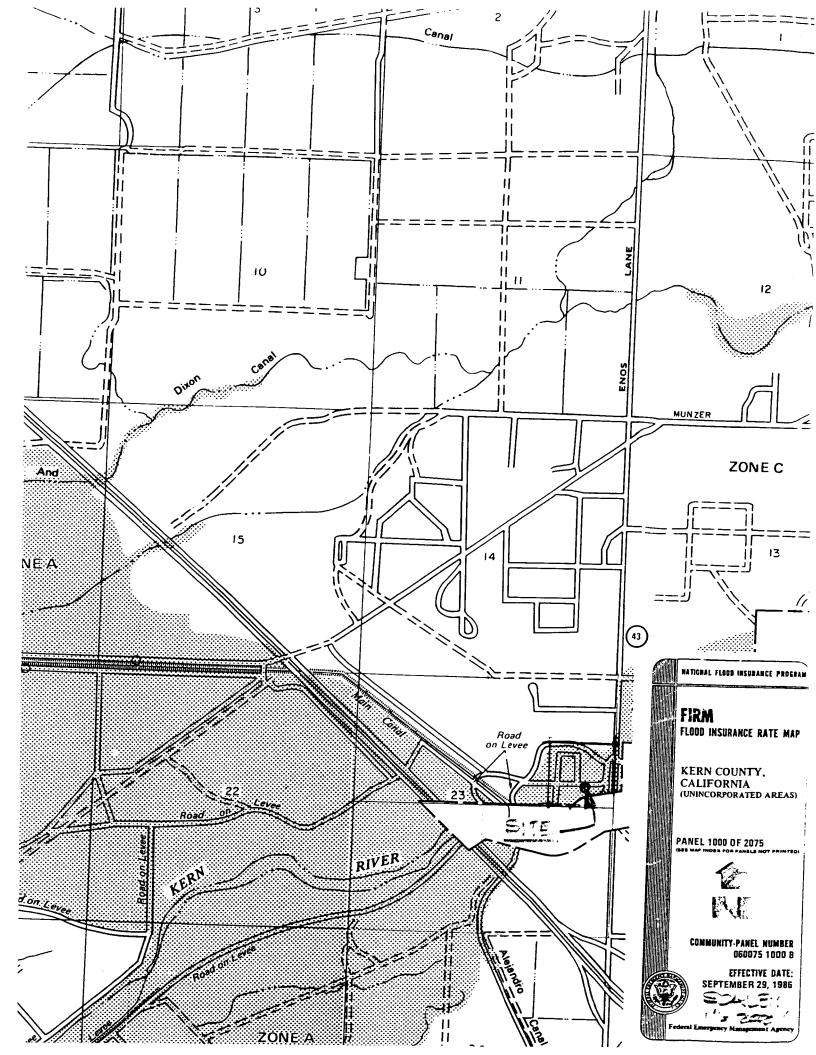
Building Permit Number:\_\_\_\_\_

Applicant: KERN WATER BANK ANTHORITY
Assessor's Parcel Number: 160 - 120 - 22
Street Address: 31/2 MI. 5/0 STOCKPALE HWY.; 600'N/0 ENDS IN.
Section Township/Range: SEC. 23 T. 30 S. R. 25 E.
Date completed: JUNE 9, 2000 File: 141.1.121.23.1
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and fee is required. Previous permit no
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of:
MGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.
foot/feet above the prevailing ground level (see note) at the location of the well site or one foot above the possible backwater condition, whichever is higher. A possible backwater condition exist behind the
eviewed by: Zeulx

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

The documents reviewed to perform this evaluation are as indicated:			
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 1000 Beffective September 6, 1995.			
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.			
Parcel Map/Tract Map/Approximate Study			
BASIS:			
The well site is located in an area subject to flooding from KERN RIVER			
and is [X] Within FEMA FIRM Zone			
TATOMINITE CIVIL TIME ZOITE			
[ ] Within FEMA FBFM limits (see alternate #2).			
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:			
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary			
[ ] Floodplain Zone A.			
Therefore, the 100-year storm event flood conditions are as follows:			
Flow depth of 600t/600 foot/6000 feet NGVD Average flow velocity of feet per second			
ALTERNATIVE #1:			
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.			
ALTERNATE #2:			
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.			
If you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (805) 862-5100.			
Attachments cc: Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park [ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi			

**GENERAL INFORMATION:** 



#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



February 22, 2001

#### **RESOURCE MANAGEMENT AGENCY**

#### DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department
Roads Department

FEB 26 2001

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct three (3) agricultural wells have been received and reviewed. The wells will be located as follows:

Permit No.	<u>APN</u>	Township, Range, Section
EH-758	160-070-22	30S/25E/13-F
EH-759	160-070-20	(30S/25E/24-K)
EH-760	160-070-20	30S/25E/13-J

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Nardy RE.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

cc: Farm Pump & Irrigation - Drilling Consultant

Files EH-758, 759 & 760

Hardy\Water\2001\KWBA-3-w23b



Permit #EH-759

# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 02/22/01	PROPOSED ST	TART DATE 04/01/0	· /
OWNER: KERN WATER BANK	AUTHORITY	Phone: (66	1) 399_8735
Mailing Address: P.O. Box 8060			
DRILLING		BAKERSFIELD	Zip:_ <u>73380-06</u>
CONTRACTOR KWBA	Contractor's License		61) 399-8735
Address: P.O. Box 80607		Prione: (6	<u>817 377-8735</u>
Address: 7,000 Days of	City:	BAKERSFIELD	Zip: <u>933<i>80-0</i>60</u>
SUBCONTRACTOR: DRILLING CONSUL	TANT: FARM PUMP -	1 NC. Phone: (661)	589-6901
Address: P.O. Box 1477	City:_	SHAFTER	Zip: <u>93263</u>
JOB SITE: T 305	R 25E Sec. 24 40	Acre Sub K	
PROPERTY DESCRIPTION: Assessor's Pa			<del> </del>
SITE ADDRESS if available:			
		TOTAL AC	CRES: 138.01
DIRECTIONS to Well Site: Take	Enos Lane about	3/2 miles south	of Stockdale
Hwy. G	so about 1/2+ mi	le east	
		14 (30)	
TYPE OF WORK TO BE DONE: (check one)	New Well		
1112 OF WORLD TO BE BOTTE. (CHECK ONE)	Reconstruction	☐ Deepen☐ Destruction	
		i Destruction	1
INTENDED USE:	Co	ONSTRUCTION METHOD:	•
□ Domestic/private (1 connection)		Reverse Rotary	
□ Domestic/nonpublic (2-4 connections)		□ Rotary	
☐ Domestic/public (5 or more conn.)  Agricultural		☐ Air Rotary	
□ Test Hole		□ Other	· · · · · · · ·
□ Monitoring □ Cathodic Protection			
			D CASING:
□ Other		Type STEEL	
SEALING MATERIAL (check one)	CDAUET DAGE ( )	Diameter 20"	
□ Neat Cement	GRAVEL PACK: (check one)	Gauge/Wall	
Cement Grout	<b>Y</b> v., -x	Conductor Depth	50' I
□ Concrete	¥Yes □ No		
Other	From 900 To 200 Feet		
d Other			
PROPOSED WELL PROP	OCED DEDECT ATTOM	PROPOSED ANNUL	AR SEAL DEPTH:
CONSTRUCTION (DEPTH)	POSED PERFORATIONS	Unconsolidated	200' I
· · · · · · · · · · · · · · · · · · ·	OR SCREEN: 880 To 220 Feet	Hardrock	
rom room	To Feet		
PENETRATES TWO OR MORE	PROPOSED WELL	DESTRUCTION SEAL DEF	отн <b>А/А</b>
AQUIFERS			
□ Yes XNo	DEPTH OF WELL T	O BE DESTROYED	V/A

#### GENERAL CONDITIONS:

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's Aut Signature Date 0	or Agency Hul frim Date 2/22/0)
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 2/2201  Receipt # 14266 Cash Check (#036094)  Fee received by: W. Salue
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No
REASONS FOR DENIAL OF	R CONDITIONS OF PERMIT:

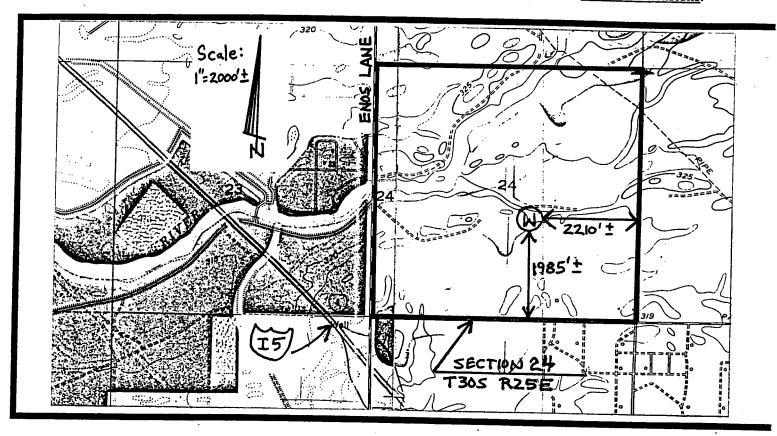
REASONS FOR DENIAL OR CONDITIONS OF PERMIT.

K-m County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

raicel/Map/ I ract	
Parcel No.	<del></del>
Assessor's Parcel No.	160-120-12

## LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R25 F Section No. 24

145 E	Section	n No.: Z	<u>t</u>
 D	C	В	A
E	F	G	Н
M	L	ONell	J
N	P	Q	R

-\_\_\_\_\_One Mile \_\_\_\_\_

KOND # 306 PH (10/91)

ENVIRONMENTAL HEALTH DIVISION 

## APPLICATION FOR WATER WELL DRILLING PERMIT

* * * * * * * * * * * * * * * * * * * *			* * * * * * *	* * * * * *	* * * * * *	ķ
DRILLING COMPANY	D Dellino	21		05728	r 763	
HAME AND ADDRESS KE	I Wible R	7 264	09	CS728 LICENSE NUM	BERS/HTG	<b>7</b>
PLAN TO COMMENCE URILLI				TRUCTION,	OF A	
ROTARY X, CABLE,			TYPE WELL, F	OR THE PURPOS	E OF AN	
AGRICULTURAL WELL $\sqrt{\ }$ , F	RIVATE DOMESTIC V	WELL, DOMESTIC	WELL WITH 2	OR MORE CONNE	CTIONS,	
ON PROPERTY OWNED BY	<del>1</del> ,		T			
WHOSE MAILING ADDRESS I	5 PO130x	9380				
LEGAL DESCRIPTION OF PR	OPERTY AND DIRECT	Eo of N)	W. Co	OR INSPECTIONS	3 AS FOLLOW	S
USE ADDITIONAL SHEET	OR BACK OF FORM F	OR CONTINUED INF	ORMATION)			
NORTH			+	NOR TH		ł
1300'	SE FE NE RA	OCATE WELL IN COTION. DRAW IN CATURES SUCH AS AREST STREET, LILROAD. INDICATE STANCES.	<b>-</b>			10
SOUTH	ļu ļ	USE TO SHOW OWNE PROPERTY, HIS HO SEWAGE LINES, ET AS THEY RELATE THE WELL LOCATION	ME S	SOUTH		EAST
a	D Greet	•	(COMPANY OR CL	ulling		
DISAPPROVEDAPPRO		IS FOR OFFICE U	<del></del>	ONDITIONS	:	-
KERN COUNTY PLANNING COUNTY PLANNING COUNTY	OMMISSION					_ _ _
+ * * * * * HEALTH DEPT REMARKS:	74 74 34 34 3	* * * *	* * * *	* * *	* * *	
BY:						<u>-</u>
DATE:						
PERMIT NO.				V200 // 00/ P	u (20/01 <b>)</b>	

"CRMIT NO.\_

ENVIRONMENTAL HEALTH DIVISION KERN COUNTY HEALTH DEPARTMENT

*********	* * * * * * * * * * <u>Will * *</u>	#6E6-2" * * * *	****
GAME AND ADDRESS KED			7 288763
•	Nible Rd 5064	93309 LICE	NSE NUMBER
	, DEEPENING, RECONDIT		ON , OF A
ROTARY X, CABLE,		TYPE WELL, FOR THE	
ASRIGULTURAL WELL , PRIV	ATE DOMESTIC WELL, DOMEST		
ON PROPERTY OWNED BY TE			·,
	O. Box 9380	93309	
LEGAL DESCRIPTION OF PROPER	SE 500'E of L	ING WELL SITE FOR INCO	ections as follows
	ACK OF FORM FOR CONTINUED IN	NFORMATION)	
NORTH		NORT	Н
SEG 6 7305; R26 1500'5	LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWN PROPERTY, HIS HESEWAGE LINES, EAS THEY RELATE THE WELL LOCATI	TE  NERS HOME  TO  TO	EAST
SOUTH  SUBMITTED BY: Mating (SIGNATURE)  ISAPPROVED APPROVED	- FOLLOWING IS FOR OFFICE I	(COMPANY OR CLIENT'S	NAME)
LERN COUNTY PLANNING COMMI DATE: 5-28-20	A		
* * * * * *  EALTH DEPT REMARKS:	* * * * * *	* * * * *	* * *
ATE:			entralista de rela ribidistrica establicado que proportir de la composição

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



MAY 12

RESOURCE MANAGEMENT AGENCY

DAVID PRICE III, RMA DIRECTOR

Community and Economic Development Department Engineering & Survey Services Department **Environmental Health Services Department** Planning Department Roads Department

May 4, 2004

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 524-020-07, T30S, R26E, Section 6-P, has been received and reviewed. Your permit number is EH-2161.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Dire

Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc:

Farm Pump and Irrigation

File EH-2161

(water\hardy\eh2161-w23b)

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701



Permit # EH-2161

KUBA 46-PI

# APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE:	-	PROPOSED ST	FART DATE_	
OWNER: KERN WINTER	BANK AUT	ProRITY	Phone: 14.4.	356 . 6235
Mailing Address: 130 x 80	607	City	BAKERSFIELD	7in: 93382 : 000
DRILLING		Contractor's		
CONTRACTOR F.P.T		License 6	02 148 Phone: 6	61-589-6901
Address: Pa. Box 1477	2	City:	ShAFTER	Zip:93623
SUBCONTRACTOR:			Phone:	
Address:		City:		Zip:
LOT OR PREMISES: T	305 R 20	E Sec 6 An A	Acre Sub	
		: <u>574-020</u>		<del></del>
SITE ADDRESS if available:	3303301 3 1 11 001 110.			
_	time last	To Mariata	TOTAL AC	CRES:
1/2 Miles I Misse	NOS CARE	TO THURSTER	- GO CAST ON	AlgAIZER
11/2 Miles & NORT	H 112 MARS	10 (OCATIO	<i>,,,</i>	
TYPE OF WORK TO BE DONE: (cl	heck one)	New Well	□ Deepen	
	,	□ Reconstruction	□ Deepen □ Destructio	n
The lot or premises is within 300 feet water.   O Yes O No	of a community serv	vices district or public was	ter system willing and able t	o supply domestic
INTENDED USE:	• .	CC	DN\$TRUCTION METHOD:	
□ Domestic/private (1 connection)			Reverse Rotary	
<ul> <li>□ Domestic/nonpublic (2-4 connects</li> <li>□ Domestic/public (5 or more conn.</li> </ul>			□ Rotary	
Agricultural	,		☐ Air Rotary	
□ Test Hole		•	□ Other	
□ Monitoring				
□ Cathodic Protection			PROPOSE	D CASING:
□ Other	·· <del>-</del>		Type 57%	
			Diameter Z	)''
SEALING MATERIAL (check one)	GRAVE	L PACK: (check one)	Gauge/Wall 3	18
□ Neat Cement			Conductor Depth	υ
Cement Grout		es □ No + -		
□ Concrete □ Other	From	1 <u>600</u> To <u>/50</u> Feet		
5 Outel			DD ODOGED AND WW	
PROPOSED WELL	PROPOSED	PERFORATIONS	PROPOSED ANNUL	AR SEAL DEPTH:
CONSTRUCTION (DEPTH)		SCREEN:	Unconsolidated Hardrock	
Max. //00 Feet		To <u>120</u> Feet	Haidrock	
Min. 7(X) Feet		To Feet		
PENETRATES TWO OR MORE AQL	JIFERS	PROPOSED WELL I	DESTRUCTION SEAL DEI	тн
□ Yes □ No			O BE DESTROYED	

#### **GENERAL CONDITIONS:**

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  of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from
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- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, dafend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

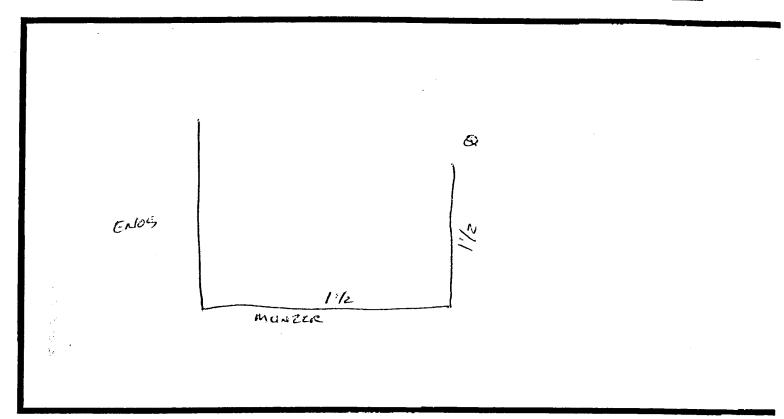
<del></del>	or Agency Mulect ft Date 5 3 4
Internal use only Permit Approved:  Date: 5-4-04  Expiration Date:	Total Fee: 33 Date Paid: 5/3/07  Receipt # 10 20 Cash Check (# )  Fee received by:
ZONING  Zone:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes PNo  Gravel Chuts Required: PYes No

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract_	
Parcel No	
Assessor's Parcel No.	

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

Section No:

D	С	В	A
E	F	G	Н
M	L	K	J
N	P	Q	R

## ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



## RESOURCE MANAGEMENT AGENCY

#### DAVID PRICE III, RMA DIRECTOR

Community and Economic Development Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

AUG 17 2004

March 17, 2004

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

30/26 7C

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 524-030-02, T30S, R26E, Section 7-C, has been received and reviewed. Your permit number is EH-2048.

No additional conditions will be required at this time.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc:

Farm Pump and Irrigation

File EH-2048

(water\hardy\eh2048-w23b)

· Kern County Environmental Health Services Department 2700 "M" Street, Suite 300 Bakersfield, CA 93301 Phone (661) 862-8700 FAX (661) 862-8701



## Permit # = 1-2042

ESELL # 701

## APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 3	z - 4Proposed	START DATE	3 . 9 - 1
OWNER: KEIEN WATER	BANK AUTHORITY		The Francisco States of the Control
Mailing Address: 130x 806	607Ci	N BAILERS E	1007 399-8735
DRILLING	Contractor's License		
Address:	Cir	v:	none. <u>641 307-676</u>
SUBCONTRACTOR:		Phon	ZIp:
Address:	City	/:	Zip:
LOT OR PREMISES: T	30 5 R 26 Sec. 7 40 sessor's Parcel No.: 524 - 030	0 Acre Sub	
	105 LN TO MUNZER - 6	TC	OTAL ACRES:
Than NORTH SIDES 3	to located	U FAST ON	MONEER I'le mi.
	· cctaller		
Type OF WORK TO BE DONE: (che	eck one) Ø New Well  Reconstruction  a community services district or public w	□ De	estruction
water. □ Yes Ø No  INTENDED USE: □ Domestic/private (1 connection) □ Domestic/nonpublic (2-4 connection) □ Domestic/public (5 or more conn.) Ø Agricultural □ Test Hole	 C	ONSTRUCTION ME Reverse Rotary Rotary Air Rotary Other	THOD:
□ Monitoring □ Cathodic Protection □ Other	<del></del> -	PRC Type_	OPOSED CASING:
SEALING MATERIAL (check one)  Neat Cement Cement Grout Concrete Other	GRAVEL PACK: (check one) ♥Yes □ No From <u>♂w</u> To <u>/∜</u> Feet	Diameter	Zo"
PROPOSED WELL CONSTRUCTION (DEPTH) Max. <u>100</u> Feet Min. 100 Feet	PROPOSED PERFORATIONS OR SCREEN:  From 880 To 200 Feet From To Feet	Unconsolidate	NNULAR SEAL DEPTH:
PENETRATES TWO OR MORE AQUIFE	ERS PROPOSED WELL F	Detti iction e	Y 70.700
□ Yes □ No	DEPTH OF WELL TO	D BE DESTROYED	L DEPTH NIA

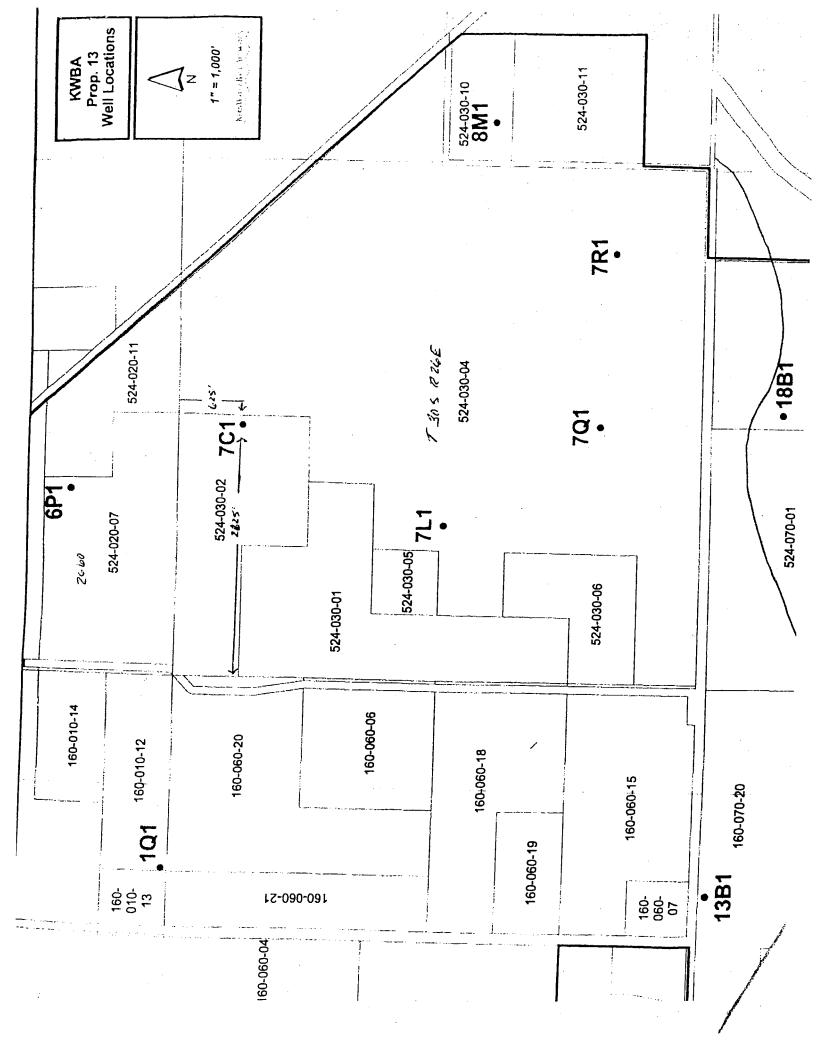
#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval
  of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from
  their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- Approval of water quality and final construction features is required before the wall is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

or Agency Market Date 3-2-4
Total Fee: Date Paid: Cash □ Check (# ) Fee received by:
Environmental Health Services Department
E-Log Required:
Gravel Chute Required: No

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:



Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract_	
Parcel No	
SSessor's Parcel No.	

#### LOCATION

Α.	Indicate below the exact location of well with respect to the following items: property lines, water bodies or courdrainage pattern, roads, existing wells, structures, sewers or private disposal systems. Include dimensions.

B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D C B A
E F G H
M L K J
N P Q R

1-\_\_\_\_\_One Mile \_\_\_\_\_\_\_1

ENVIRONMENTAL HEALTH DIVISION APPLICATION FOR WATER WELL DRILLING PERMIT KERN COUNTY HEALTH DEPARTMENT DRILLING COMPANY HA'ME AND ADDRESS SLATE WELL PO BOX 187 STROTFORG PLAN TO COMMENCE URILLING X, DEEPENING , RECONDITIONING , DESTRUCTION , OF A ROTARY Y , CABLE\_ TYPE WELL, FOR THE PURPOSE OF AN AGRICULTURAL WELL , PRIVATE DOMESTIC WELL , DOMESTIC WELL WITH 2 OR MORE CONNECTIONS , ON PROPERTY OWNED BY USE ADDITIONAL SHEET OR BACK OF FORM FOR CONTINUED INFORMATION) NOR TH NOR TH LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS 1300W NEAREST STREET, RAILROAD. INDICATE DISTANCES. SEC: 7 USE TO SHOW OWNERS PROPERTY, HIS HOME T30:R26 SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION OLLOWING IS FOR OFFICE USE ONLY -DISAPPROVED APPROVED SUBJECT TO THE FOLLOWING CONDITIONS APPROVED ~ KERN COUNTY PLANNING COMMISSION HEALTH DEPT. - REMARKS:

PERMIT NO.

#### MAR 1 9 2004

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700

Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: ch@co.kern.ca.us



#### RESOURCE MANAGEMENT AGENCY

#### DAVID PRICE III, RMA DIRECTOR

Community and Economic Development Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

March 17, 2004

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 524-030-04, T30S, R26E, Section 7, has been received and reviewed. Your permit number is EH-2050.

In addition to the general conditions listed on the back side of the application for a well permit, the following additional condition will apply to well construction:

• This well is located within a flood zone. According to the March 12, 2004, Flood Protection Requirements, the well is to be located at a base flood elevation of 334.4 NGVD. This elevation is to be certified as being true and correct prior to final approval of the well.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Directo

Thomas Hardy, R.F.H.S.

Environmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc:

Farm Pump and Irrigation

File EH-2050

(water\hardy\eh2050-w23b)

701

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

2m 62-



Permit # EH-2050

### APPLICATION FOR PERMIT TO 111572 727 CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

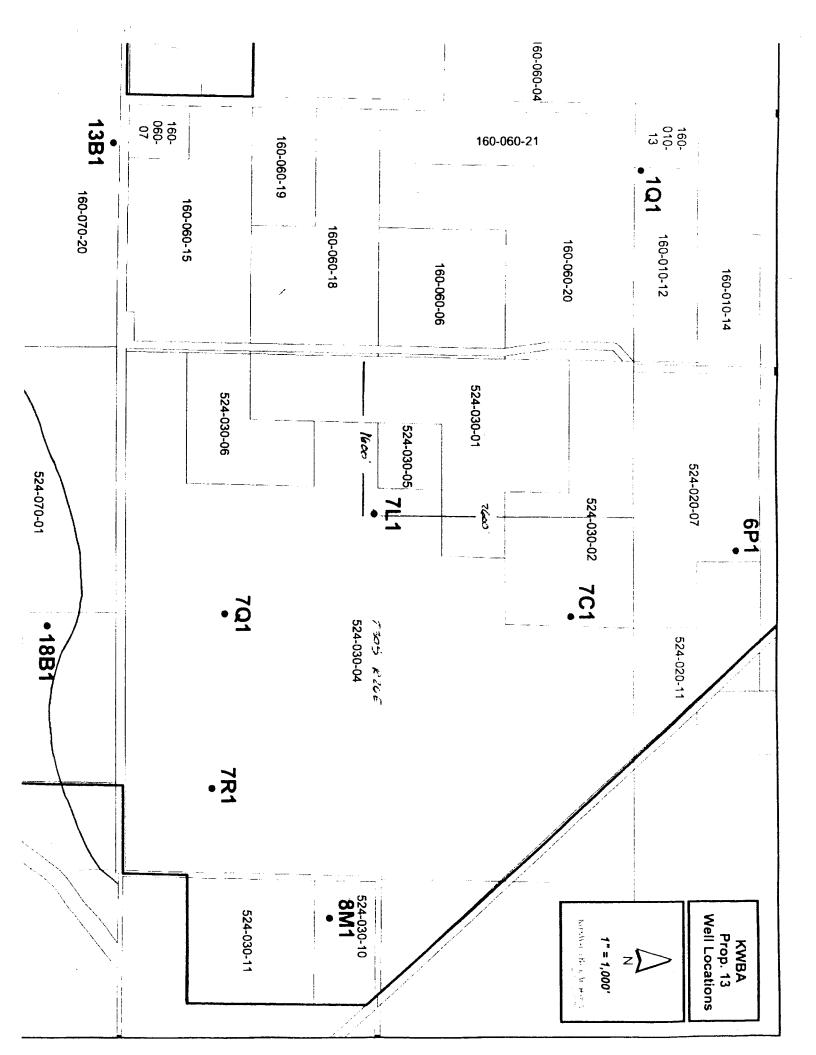
APPLICATION DATE: 3-2-4	•			
OWNER: KERN LINSER BAN				
Mailing Address: Box 80007	Ci	ty BAKER	SFIEZD	Zip: 93380 - 06
DRILLING	Contractor's			
CONTRACTOR F.P.I		602148	Phone: <i>i-le-</i>	1-589-690
Address: 130 x 1477	Ci	y: <u>Shaf</u>	TER	Zip: 93263
SUBCONTRACTOR:			Phone:	
Address:	Cit	y:		_ Zip:
LOT OR PREMISES: T 305	R 266 Sec. 7	10 Acre Sub	FL	
PROPERTY DESCRIPTION: Assessor'	s Parcel No.: 524 - 03	0-04		
SITE ADDRESS if available:			_ TOTAL ACE	RES:
DIRECTIONS to Well Site: ENOS	Lu. TO MANTER - GO	EAST ON	MONZER	1/4 45
THEN 14 NORTH				
TYPE OF WORK TO BE DONE: (check on	e)	1	☐ Deepen ☐ Destruction	
The lot or premises is within 300 feet of a conwater.	amunity services district or public	water system wil	ling and able to	supply domestic
INTENDED USE:	•	CONSTRUCTIO	ON METHOD:	
□ Domestic/private (1 connection)		Reverse Ro		
□ Domestic/nonpublic (2-4 connections)		□ Rotary	-	
□ Domestic/public (5 or more conn.)		□ Air Rotary		
Agricultural		□ Other		
□ Test Hole				
□ Monitoring				
□ Cathodic Protection			PROPOSED	
□ Other		Type	5756	F
		Diamete	r <u>20</u>	
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)	) Gauge/\	Wall 3/8	3
□ Neat Cement		Conduc	tor Depth	<u>'0'</u>
☐ Cement Grout	v Yes □ No			
□ Concrete	From <u>A. To 130</u> Feet			
Other		₽R∩₽∩	SED ANNI II A	R SEAL DEPTH:
PROPOSED WELL P	ROPOSED PERFORATIONS			150 ±
CONSTRUCTION (DEPTH)	OR SCREEN: 🐇			
	rom <u>(%)</u> To <u>/ (</u> Feet	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Min. 700 Feet F	rom To Feet			
PENETRATES TWO OR MORE AQUIFERS	PROPOSED WE	LL DESTRUCTION	ON SEAL DEP	гн <u> </u>
□ Yes □ No				N/A.
_				,

- 1. Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular scal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the wall is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90°) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's A Signature Date	or Agency field All Date 3 2 4
Internal use only Permit Approved: Date: Expiration Date:	Total Fee; Date Paid: Receipt #
ZONING  Zone: A  Access Approved: Per No  Flood Plan Approval Required Per No  Approved Disapproved  By: 1000 Per No  Date: 3/2/04	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: No

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:



Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No	
Assessor's Parcel No	

### LOCATION

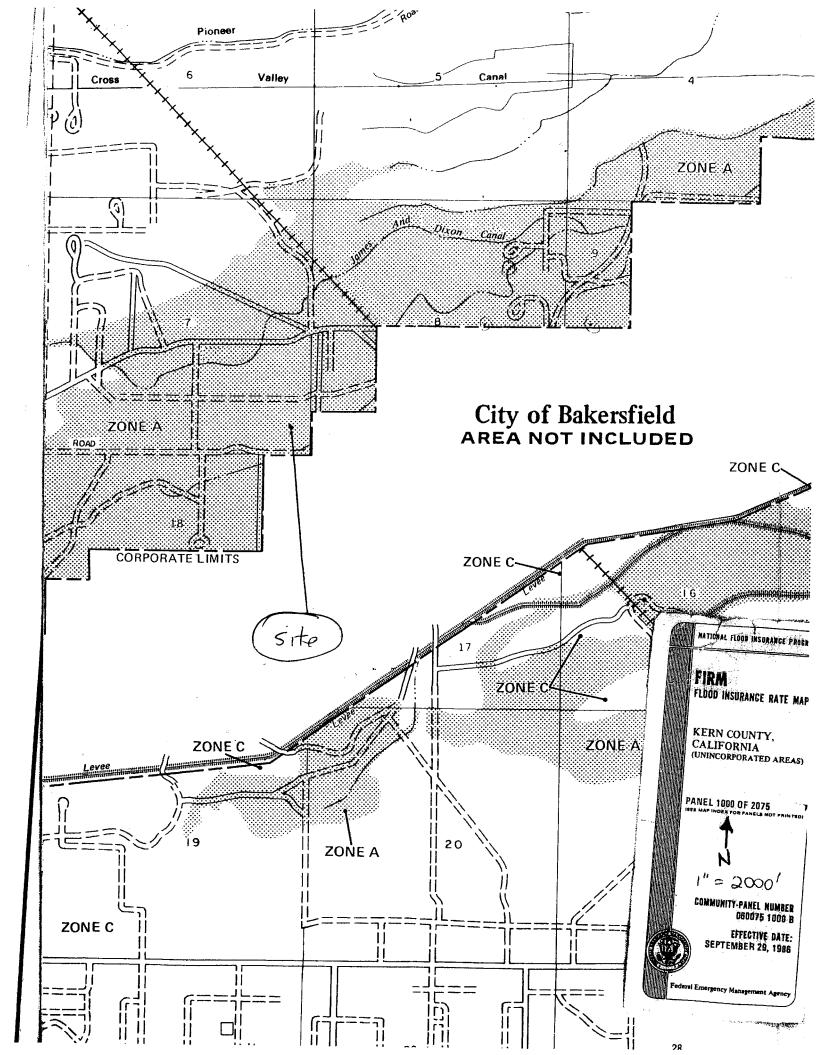
B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D C B A
E F G H
M L K J
N P Q R

1~	One Mile	_
•	 	

# KERN COUNTY ENGINEERING & SURVEY SERVICES DEPARTMENT FLOOD PROTECTION REQUIREMENTS EOR A PROPOSED SINGLE FAMILY RESIDENCE

A	SECTION - PROJECT INFORMATION	FOR OFFICE US	E ONLY:
		Prepared by:	Falcone, R.
A plica		Checked by:	CEP
	Structure: Well Permit No.:	Date Received:	03/10/2004
Street A	ddress: #7R1	Date Completed:	03/12/2004
Other Pi	operty Information: Tract: Lot: PM: Parcel:	Elevation Cert Re	
Assesso	r's Parcel Number: 524-030-04 Section: 7 Township/Range: 30/26	Permit Finali	zed:
annuar otto material discourse		Microfilm	No.:
**************************************	SECTION B – FEE and ELEVATION CERTIFICATE REQUIREMENTS	File	No.: 38.7
	G OF REQUIREMENTS AND FEE:		150.7
r iooa pir	otection requirements are hereby set and a fee of \$0.00 s required.		
	ION CERTIFICATE:		
PRIOR	attached Elevation Certificate <u>must</u> be completed by a licensed land surveyor or engineer an O PLACING THE FOUNDATION. The Building Inspector may complete the Elevation Certificate structural ground, however, the Building Inspector is <u>NOT</u> required to complete this form.	nd returned to the bu e if the requirements	ilding inspector involve a height
	SECTION C- GENERAL INFORMATION	A CONTRACTOR OF THE PROPERTY O	W. C.
based on	protection measures stated herein are based on the best available information and represent the the public health, safety, and general welfare and minimize public and private losses due to flood the current estimated 100-year storm event, which may change as additional hydrologic data be I hydrologic data, the 100-year event were to increase, the degree of protection provided by the	d conditions. The floo	d conditions are
The docu	ments reviewed to perform this evaluation are as indicated:		
<b>✓</b> FEN	A Flood Insurance Rate Map (FIRM), Community Panel No. 060075 1000 B ,effec	tive 09/29/1986	Man'
Pare	cel Map/Tract Map/Approximate Study: na	, 03,23,1300	
	SECTION D - FINDINGS	and the second s	
The prop	osed structure is located in an area subject to flooding from J&D canal and is	·	
Within FE	MA FIRM Zone A in Parcel Map/Tract Map/Approximate Study limits.		
Therefore	, the 100-year storm event flood conditions are as follows:		
<b>✓</b> Base	e flood elevation of 334.4 feet NGVD		
Flow	depth of 0 feet		
Aver	age flow velocity of 0 feet per second		
The state of the s	SECTION E - FLOOD PROTECTION REQUIREMENTS	and the second s	general control of the state of
All structu	res shall be elevated one foot above the 100-year flow depth or the base flood elevation.		and the second s
The finish	ned floor of a building shall be elevated to a minimum height of:		
	feet above the prevailing ground level (see note) at the side of the propos	ed structure	
335.4	NGVD. This elevation is to be certified as being true and correct by a Registered Civil Engon the elevation Certificate form provided by Kern County.		and Surveyor
The found	lation footing depth of the building shall be:		
	feet below adjacent grade		
Note: Prev	ailing ground is the highest natural elevation of the ground surface prior to construction, $\mathbf{u}_{i}$ of the structure.	pstream and next to	the proposed



KCHD # 306 EH (10/71).

* * * * * * * * * * * * * * * * * * * *			* * * * * * * *
HAME AND ADDRESS KAL	DRILLING		17 288 763 E NUMBER
6201	WIBLE Rd SPG4 B	AKERSFIELD, CA	E NUMBER
PLAN TO COMMENCE URILLING		DNING, DESTRUCTION	, OF A
ROTARY CABLE,		TYPE WELL, FOR THE P	URPOSE OF AN
AGRICULTURAL WELL , PRIVA	TE DOMESTIC WELL, DOMESTIC	WELL WITH 2 OR MORE	CONNECTIONS,
ON PROPERTY OWNED BY	NNECO WEST I	vc	
WHOSE MAILING ADDRESS IS	PO BOX 380, BAKI	ERFIELD, CA	93302
	TY AND DIRECTIONS FOR LOCATIN	and the second s	CTIONS AS FOLLOWS
1300'S + 1	15' E. OF W/4 CO	or. SEC 7,	
	ACK OF FORM FOR CONTINUED INF	ORMATION)	
NORTH NO	ROADS.	NOR TH	
SEC 7 T305 R26E	DISTANCES.	بر ا	AST
NEW WELL 175/ E SOUTH	USE TO SHOW OWNER PROPERTY, HIS HOS SEWAGE LINES, ET AS THEY RELATE TO THE WELL LOCATION	SOUTH	
	C Lyncl AS AGENT FOR	(COMPANY OR CLIENT'S N	King
(SIGNATURE)	- FOLLOWING IS FOR OFFICE US		
DISAPPROVEDAPPROVED_	APPROVED SUBJECT TO THE	HE FOLLOWING CONDITION	<sup>15</sup> :
BY Mennis Selalis	A"		
KERN COUNTY PLANNING COMM DATE: 12-1-25	ISSION		
* * * * * * * * * * * * * * * * * * *	* * * * * * *	* * * * * *	* * * *
<del></del>			
BY:	***************************************		
DATE:			The state of the s
PERMIT NO.		voin l	004 PH (10/71)

### ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

### RESOURCE MANAGEMENT AGENC

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



DAVID PRICE III, RMA DIRECTO

Community Development Program Departmer Engineering & Survey Services Departmer Environmental Health Services Departmer

Planning Departmer Roads Departmen

MAY 07 2001

May 4, 2001

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 161-040-20, T30S, R26E, Section 07-Q, has been received and reviewed.

In addition to the general conditions listed on the back side of the application for a well permit, the following additional condition will apply to well construction:

• The casing shall be elevated 2' above the prevailing ground level according to the flood review.

Guidelines for obtaining final approval of your well permit are outlined in the enclosure.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Dire

By: Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:dt

Enclosure

cc: Farm Pump & Irrigation, Drilling Consultant

File EH-834

Hardy\Water\2001\KWBA-w23 e-log



APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

	TOTAL WELL
APPLICATION DATE: 5/02/01	PROPOSED START DATE June 1, 2001
OWNER: KERN WATER BANK AUTHORITY	DL (66) 390 0777
Mailing Address: P.O. Box 80607	PAUCO 5 (15) 7 7 - 8 / 35
DDILLING	ZIP: 13380-0
CONTRACTOR KLARA	stractor's
	cense 602118 Phone: (661) 399-8735
	City: BAKERSFIELD Zip: 93380-060
JUNE CONSULTANT: FARM	4 PUMP INC. Phone (661) 500 (901
Address: P.O. Box 1477	City: SHAFTER 3: 922/2
JOB SITE: T 305 R 26E Sec.	07 40 Acre Sub Q
PROPERTY DESCRIPTION: Assessor's Parcel No.	161-040-20
SITE ADDRESS if available:	7717D/
	TOTAL ACRES: <del>219.64</del>
DIRECTIONS to Well Site: Take Enos Lane	about 2 miles south of Stockdale
- Hwy. Go about	1/2 mile east, then /4 mile north.
	, the Tr wife not the
TYPE OF WORK TO BE DONE: (check one)	w Well □ Deepen
	construction
INTENDED USE:	
□ Domestic/private (1 connection)	CONSTRUCTION METHOD:
□ Domestic/nonpublic (2-4 connections)	Reverse Rotary  Rotary
□ Domestic/public (5 or more conn.)	☐ Air Rotary
Agricultural	Other
□ Test Hole	- 54.01
□ Monitoring	
□ Cathodic Protection	PROPOSED CASING:
Other	TypeSTEEL
	Diameter 20"
SEALING MATERIAL (check one) GRAVEL PACK: (	check one) Gauge/Wall 3/8"
□ Neat Cement	check one) Gauge/Wall
Cement Grout	No
Concrete From 900 To 2	00 Feet
□ Other	
PROPOSED WELL PROPOSED PERFORA	PROPOSED ANNULAR SEAL DEPTH:
2010mpttometra in the control of the	
- · · /	Hardrock
Max. <u>900</u> Feet From <u>880</u> To <u>220</u> Min. <u>700</u> Feet From To	reet
10	reet
PENETRATES TWO OR MORE PROPO	OSED WELL DESTRUCTION SEAL DEPTH
AQUILENS	
□ Yes No DEPTH	OF WELL TO BE DESTROYED

2.

Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from

Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the

Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed. 3.

Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.

In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 4. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the 5. confining clay layer(s) and assist in the placement of any required annular seal(s).

A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the 6.

placement of any seals or plugs.

Approval of water quality and final construction features is required before the well is put into use.

Construction under this permit is subject to any instructions by Department representatives. 7.

- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 8. 9.
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work. 10.

"Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11.

The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress 12. toward completion made. Fees are not refundable nor transferable. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13.

more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.

Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, 14. cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit

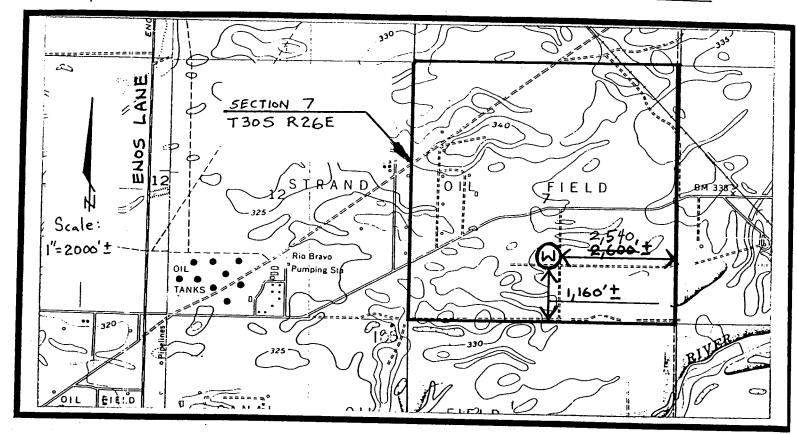
Owner's Aut Signature Date O	chorized Agent from Date 5/2/200
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 35 Date Paid: 5 2 0    Receipt # 108 10   Cash & Check (# 03649 6  Fee received by: 4 Suums
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No
REASONS FOR DENIAL O	R CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department\_2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract_	
Parcel No.	
Assessor's Parcel No	161-040-20

### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D	С	B	A
E	F	G	Н
M	L	K	J
Ņ	Р	⊙Well <b>Q</b>	R

One Mile \_\_\_\_\_

### DEPARTMENT OF ENGINEERING & SURVEY SERVICES

### FLOOD PROTECTION REQUIREMENTS FOR A WELL

The response to a request dated $\frac{5/3/3}{}$ , a flood hazard evaluation was performed for
Duliding Permit Number:
Applicant: Kern Water Bank Anthority
Assessor's Parcel Number: 161-040-20
Street Address: Munzer Rd.
Section Township/Range: Sec. 7. T. 305 R. 26F
Date completed: 5/3/01 File: /4/, 1, /22, 7.
SETTING OF REQUIREMENTS AND FEE:
Flood protection requirements are hereby set and a fee of \$180 \$15 is required. Previous permit no
represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.
FLOOD PROTECTION REQUIREMENTS
The top of the well casing shall be elevated to a minimum height of
$[\chi]$ $2,0$ feet above the prevailing ground level (see note) at the location of the well site.
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation  Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929
site or one foot above the prevailing ground level (see note) at the location of the well backwater condition, whichever is higher. A possible
Reviewed by:

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure.

GENERAL INFORMATION:

The documents reviewed to perform this evaluation are as indicated:
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 / 000 B effective September 6, 1995.
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[ ] Parcel Map/Tract Map/Approximate Study
BASIS:
The well site is located in an area subject to flooding from <u>Kern River</u>
Within FEMA FIRM Zone and is
[ ] Within FEMA FBFM limits (see alternate #2).
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
[ ] Floodplain Zone A.
Therefore, the 100-year storm event flood conditions are as follows:
[ ] Flow depth of foot/feet [ ] Base flood elevation of feet NGVD
ALTERNATIVE #1:
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.
ALTERNATE #2:
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.
If you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (661) 862-5100.
Attachments cc: Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park [ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi

### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kem.ca.us



### RESOURCE MANAGEMENT AGENCY

### DAVID PRICE III, RMA DIRECTOR

Community and Economic Development Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

March 17, 2004

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

### Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 524-030-04, T30S, R26E, Section 7-R, has been received and reviewed. Your permit number is EH-2049.

In addition to the general conditions listed on the back side of the application for a well permit, the following additional condition will apply to well construction:

• This well is located within a flood zone. According to the March 12, 2004, Flood Protection Requirements, the well shall be located at an elevation of 335.4 NGVD. This elevation is to be certified as being true and correct prior to final approval of the well.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley,

Thomas Hardy, R.E.H.S.

Environmental Health Specialist III

Water Quality Program

TH:irw

cc:

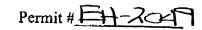
Farm Pump and Irrigation

File EH-2049

(water\hardy\eh2049-w23b)

Kem County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701





### APPLICATION FOR PERMIT TO CARCE 7001 CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE	s:3· z·	4 .	PROPOSED ST.	ART DATE_		9-4
OWNER: HERNI	WHIER BAN	IK AUTHO	2177	Y	Phone: 66	1-399-8735
Mailing Address: 6	0x 80607		City	BAKERS	(162)	Zip: <u>93380 -060</u>
DRILLING			Contractor's			61-581-6961
						Zip: 93263
Address:						
LOT OR PREMISES:	· · · · · · · · · · · · · · · · · · ·		Sec. 7 40 A		<del>)</del>	
PROPERTY DESCRIP	TION: Assess	or's Parcel No.:	504 030 -00	4		
SITE ADDRESS if ava	ilable:				TOTAL AC	CRES:
DIRECTIONS to Well	Site: ENG	in To Man	IZER GO EAS!	- SAL MYA	26R 31	4 .01
THEN NORTH						
TYPE OF WORK TO I	BE DONE: (check	one)	□ New Well □ Reconstruction		□ Deepen □ Destruction	n
INTENDED USE:  Domestic/private (1  Domestic/nonpublic  Domestic/public (5	Connection) c (2-4 connections)	•	CO	NSTRUCTION Reverse Rota Rotary Air Rotary Other	NETHOD:	
<ul><li>□ Test Hole</li><li>□ Monitoring</li><li>□ Cathodic Protection</li><li>□ Other</li></ul>				Type	Sr	D CASING:
SEALING MATERIAL  Neat Cement Cement Grout Concrete		u∕Yes	ACK: (check one)  One is not seen to the control of	Gauge/Wa	all	3/3 40
PROPOSED WELL CONSTRUCTION (DEI Max. Gas Feet Min. 700 Feet		PROPOSED PER OR SCR From Say To	EEN: _&\text{AQ} Feet	Unconse	olidated	AR SEAL DEPTH:
PENETRATES TWO O	R MORE AQUIFE	RS	PROPOSED WELL D	ESTRUCTION	N SEAL DEF	TH kila
□ Yes	Ø No		DEPTH OF WELL TO			
						<del></del>

Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval 1. of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.

Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the

proposed starting date.

2.

Well sits approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed.

Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features. 4.

In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).

A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the 6.

placement of any seals or plugs.

Approval of water quality and final construction features is required before the wall is put into use. 7

Construction under this permit is subject to any instructions by Department representatives. R.

- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 9. Order."
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental 10. Health Services Department within 30 days after completion of the work.

"Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11.

Department.

The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress 12. toward completion made. Fees are not refundable nor transferable.

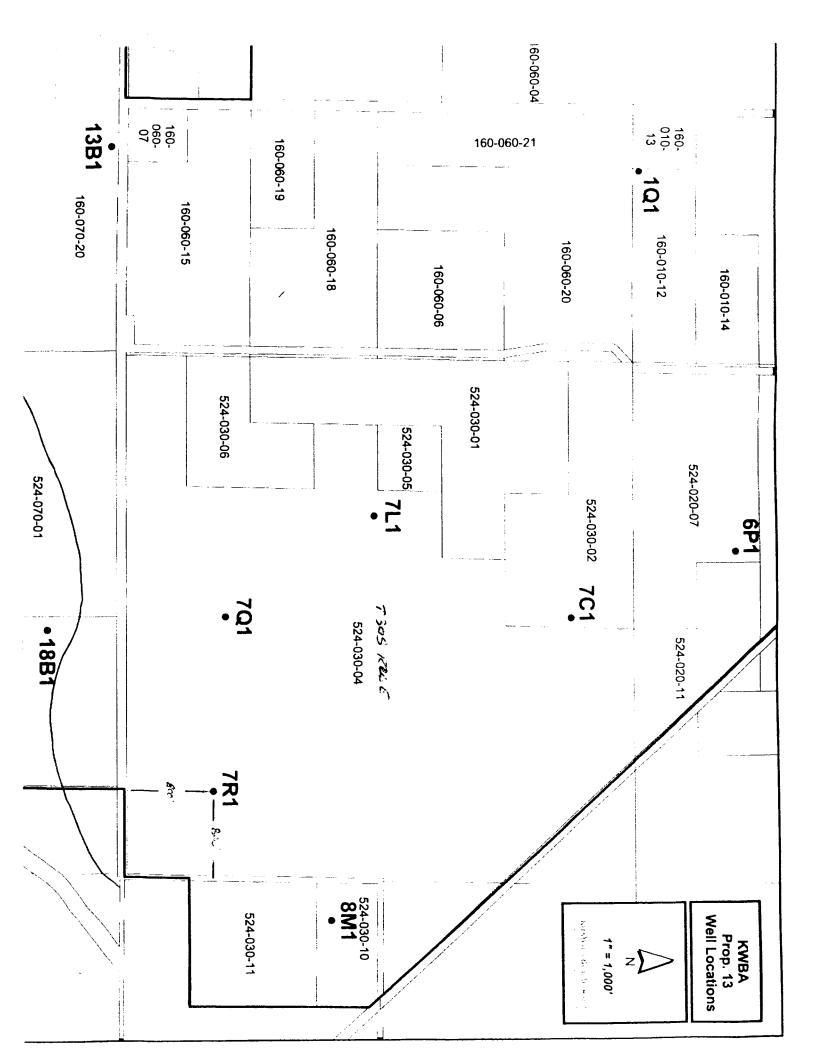
Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.

Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the 14. County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's SignatureDate	Authorized Agent or Agency  National Alexander  Date 3-2-4
Internal use only Permit Approved:  Date:  Expiration Date:	Total Fee: Date Paid: Receipt # □ Cash □ Check (# ) Fee received by:
ZONING  Zone: A  Access Approved: D'Yes D'No Flood Plan Approval Required Disapproved  By: Auto May Date: 3/2/04	1

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:



Kern County
 Environmental Health Services Department 2700 "M" Street, Suite 300
 Bakersfield, CA 93301
 Phone (661) 862-8700
 FAX (661) 862-8701

Parcel/Map/Tract_	·····
Parcel No	
Assessor's Parcel No.	

### LOCATION

A.	Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses
	drainage pattern, roads, existing wells, structures, sewers or private disposal systems. Include dimensions.

1			
	•	•	
			• • • • • •

B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

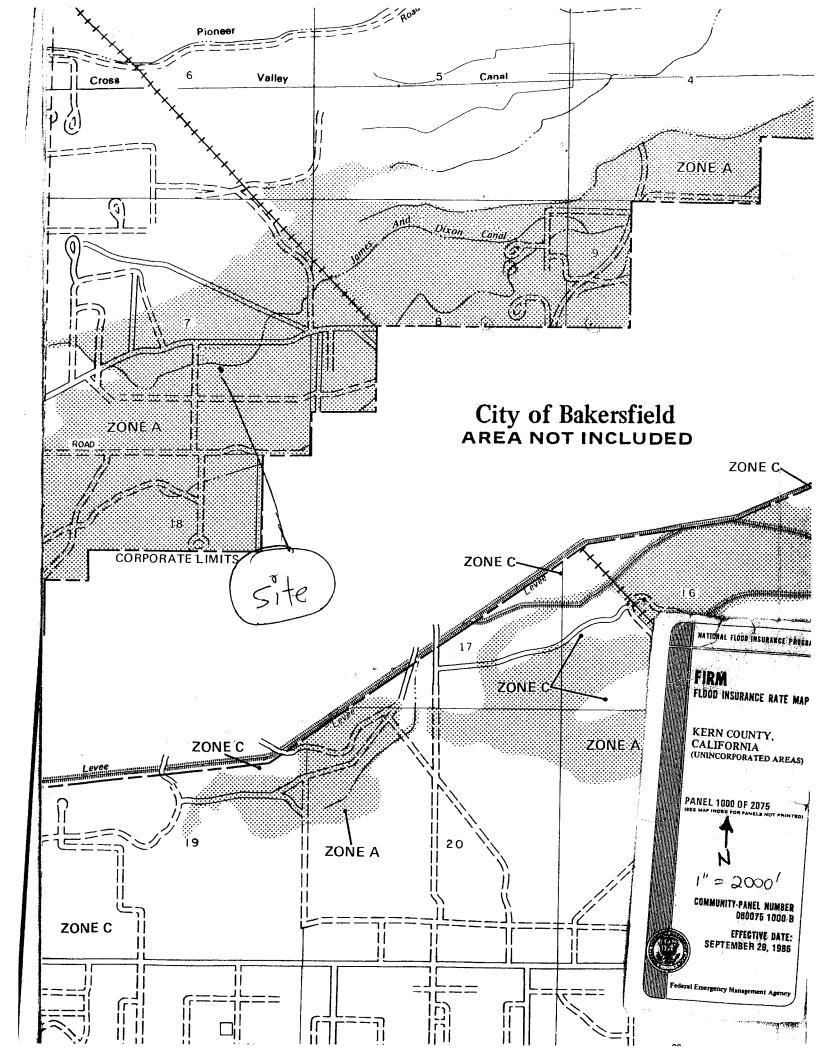
D C B A
E F G H
M L K J
N P Q R

1-	One Mile	-i



# KERN COUNTY ENGINEERING & SURVEY SERVICES DEPARTMENT VILOOD PROTECTION REQUIREMENTS FOR A PROPOSED SINGLE FAMILY RESIDENCE

		FAR AFEIAE US	E/ONI/V
	ECTIONS - PROJECT INFORMATION	FOR OFFICE US Prepared by:	Falcone, R.
	Applicant: Rein Water bank	Checked by:	CEP
1	Tylen Structure: Well Permit No.:	Date Received:	03/10/2004
·	Street Address: #7L1	Date Completed:	03/12/2004
	Other Property Information: Tract: Lot: PM: Parcel:	Elevation Cert Re	
	Assessor's Parcel Number: 524-030-04 Section: 7 Township/Range: 30/26	Permit Final	<u> </u>
•	SECTION B – FEE and ELEVATION CERTIFICATE REQUIREMENTS	Microfilm	
F-11-22-2-20		File	No.: 38.7
	SETTING OF REQUIREMENTS AND FEE:  Flood protection requirements are hereby set and a fee of \$0.00 s required.		<u> </u>
	, , , , , , , , , , , , , , , , , , , ,		
	ELEVATION CERTIFICATE:		
	The attached Elevation Certificate <u>must</u> be completed by a licensed land surveyor or engineer ar <b>PRIOR TO PLACING THE FOUNDATION</b> . The Building Inspector may complete the Elevation Certificate above natural ground, however, the Building Inspector is <u>NOT</u> required to complete this form.	nd returned to the bue if the requirements	ilding inspector involve a height
Colombia (State	SECTION C- GENERAL INFORMATION	MyMittal Child (Dalumpay)	
	The flood protection measures stated herein are based on the best available information and represent the promote the public health, safety, and general welfare and minimize public and private losses due to flood based on the current estimated 100-year storm event, which may change as additional hydrologic data be additional hydrologic data, the 100-year event were to increase, the degree of protection provided by the	conditions. The floor	d conditions are
	The documents reviewed to perform this evaluation are as indicated:		
	FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 1000 B ,effect	tive 09/29/1986	<u></u>
	Parcel Map/Tract Map/Approximate Study: na	,,	
(1807) 1807-1809	SECTION D - FINDINGS		
•••••••	The proposed structure is located in an area subject to flooding from J&D Canal and is	ingistitishingan parawasanan muunumakka maataligu gara	
	Within FEMA FIRM Zone A Within Parcel Map/Tract Map/Approximate Study limits.		
	Therefore, the 100-year storm event flood conditions are as follows:		
	Flow depth of 0 feet		
	Average flow velocity of 0 feet per second		
	SECTION E - FLOOD PROTECTION REQUIREMENTS		
	All structures shall be elevated one foot above the 100-year flow depth or the base flood elevation.		
	The finished floor of a building shall be elevated to a minimum height of:		
-	feet above the prevailing ground level (see note) at the side of the propos	sed structure.	
335			Land Surveyor
	The foundation footing depth of the building shall be:		and the same of th
[	feet below adjacent grade		
Note	<ul> <li>Prevailing ground is the highest natural elevation of the ground surface prior to construction, u</li> <li>walls of the structure.</li> </ul>	pstream and next to	the proposed



### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370 Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail. eh@co.kern.ca.us



### RESOURCE MANAGEMENT AGENCY

### DAVID PRICE III, RMA DIRECTOR

Community and Economic Development Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department

March 17, 2004

Kern Water Bank Authority P. O. Box 80607 Bakersfield, CA 93380-0607

Ladies and Gentlemen:

This is to advise you that your application for a permit to construct an agricultural well located on APN 524-030-10, T30S, R26E, Section 8-M, has been received and reviewed. Your permit number is EH-2051.

In addition to the general conditions listed on the back side of the application for a well permit, the following additional condition will apply to well construction:

• This well is located in a flood zone. According to the March 12, 2004, Flood Protection Requirements, the well shall be located at a base flood elevation of 335.4 NGVD. This elevation is to be certified as being true and correct prior to final approval of the well.

If you have any questions about your well, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley Director

By: Thomas Hardy, R.E.H.S

Environmental Health Specialist III

Water Quality Program

TH:jrw

**Enclosure** 

cc:

Farm Pump and Irrigation

File EH-2051

(water\hardy\eh2051-w23b)

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701



Permit # EH-2051

## APPLICATION FOR PERMIT TO CHELC EDITION CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

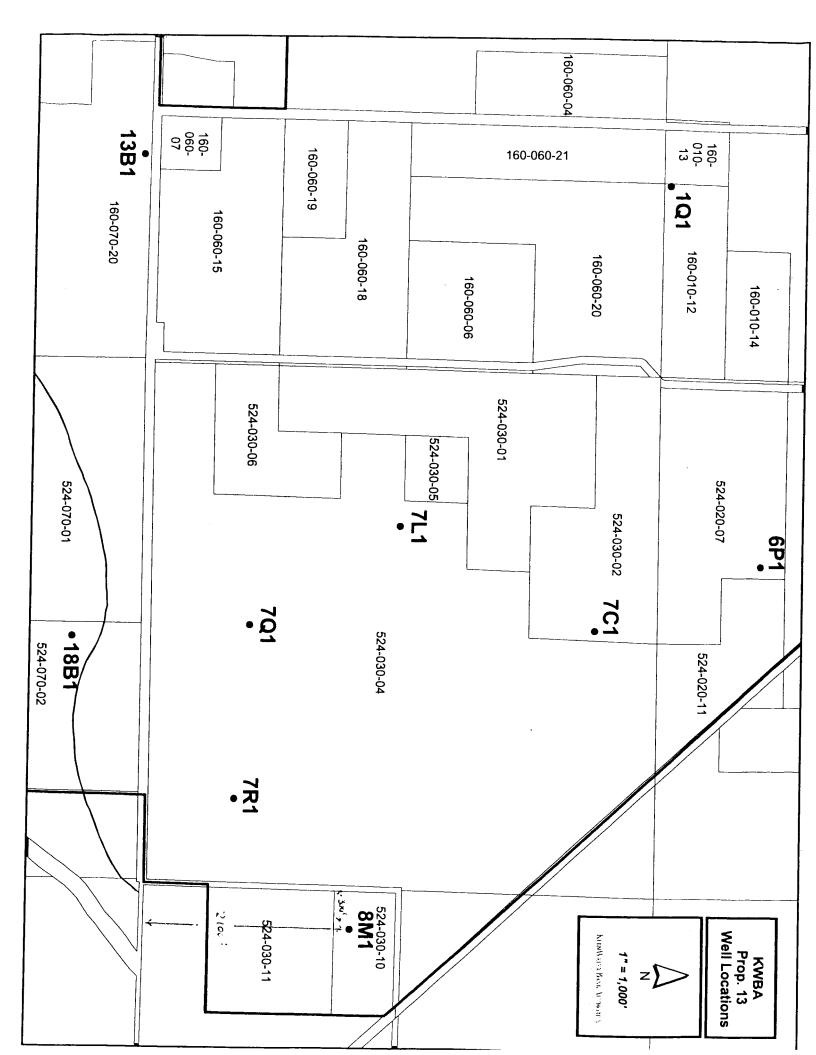
APPLICATION DATE:	3-2-4	PROPO	SED START DAT	E 3 4	i - 4
OWNER: KERN W	HIER BANK	AUTHORNY		Phone: (///	· 200 . 0726
Mailing Address: 130 K	80607	-	City BAKER	2581670	71 - 3000 - 400
DRILLING		Contractor	_		
CONTRACTOR	.P.1.	License_	602 148	Phone: 6.4	61-589-6601
Address: 130 x	1477		City: Shap	TENO	7in: 28763
SUBCONTRACTOR:				Phone:	
Address:			City:		Zip:
LOT OR PREMISES:	T 305	R 26C Sec. &	40 Acre Sub	$\infty$	
PROPERTY DESCRIPTION	ON: Assessor's P	arcel No.: 524	-030 - 10	***************************************	
SITE ADDRESS if availab					
DIRECTIONS to Well Site	ENGS EN	· 10 Manzas	Alieniza.	An Suc	144
THEN SIN ALL A	larin zi i	loca med	Z. / Dair Lis	E 773.	19 31,
	<u> </u>	C. 777770			
TYPE OF WORK TO BE	DONE: (check one)	© New Well  □ Reconstruc		□ Deepen □ Destruction	
The lot or premises is within	n 300 feet of a comm		<del></del>		
water.	ZNo	and services district of but	me water system w	uma and able t	o supply domestic
INTENDED USE:		• .	CONSTRUCT	ION METHOD:	
□ Domestic/private (1 co			Reverse F		
<ul> <li>□ Domestic/nonpublic (2</li> <li>□ Domestic/public (5 or a</li> </ul>			□ Rotary		
Agricultural	nore conn.)		□ Air Rotar	<b>y</b> .	
□ Test Hole		•	U Other		
□ Monitoring					
☐ Cathodic Protection				PROPOSE	D CASING:
□ Other			Type	STEE	
CEALING MATERIAL (-L	aala awa)	CD AUDI DAOV ( ) 1	Diame	ter <i>20</i>	**
SEALING MATERIAL (ch  Neat Cement	eck one)	GRAVEL PACK: (check or	ne) Gauge	/Wall3	<u>16</u>
Cement Grout		u Yes □ No ±	Condu	ctor Depth4	·
□ Concrete		From 900 To 150 Feet			
Other	··				
			PROP	OSED ANNULA	AR SEAL DEPTH:
PROPOSED WELL	PROF	POSED PERFORATIONS	Unco	onsolidated	150 <sup>‡</sup>
CONSTRUCTION (DEPTH Max. 100 Feet	) T-	OR SCREEN:	Hard	rock	
Min. 740 Feet	From From	<u>Soo</u> To <u>loo'</u> Feet To Feet			
PENETRATES TWO OR M	ORE AQUIFERS	PROPOSED W	ELL DESTRUCT	ION SEAL DEP	тн <u>и/а</u>
	⊠′No	DEPTH OF WI	ELL TO BE DEST	ROYED	N/A

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval
  of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from
  their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular scal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the wall is put into use.
- Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that all the information I have furnished is current and accurate to the best of my knowledge, and I intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	thorized Agent or Agency 1 Live Hall Date 3-24
Internal use only Permit Approved:  Date:  Expiration Date:	Total Fee: Date Paid:
ZONING  Zone: Access Approved: Yes No Flood Plan Approval Required Yes No Approved Disapproved  By: Ama Make	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:  Gravel Chute Required:  O Yes  No

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:



Kern County Environmental Health Services Department 2700 "M" Street, Suite 300		Parcel/Map/Tract	
		Parcel No	
Phone	sfield, CA 93301 (661) 862-8700	Assessor's Parcel No	
FAX	(661) 862-8701	LOCATION	
A.	Indicate below the exact loca drainage pattern, roads, existing	ion of well with respect to the following items: property lines, water bodies or cong wells, structures, sewers or private disposal systems. Include dimensions.	urs
į.			

B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

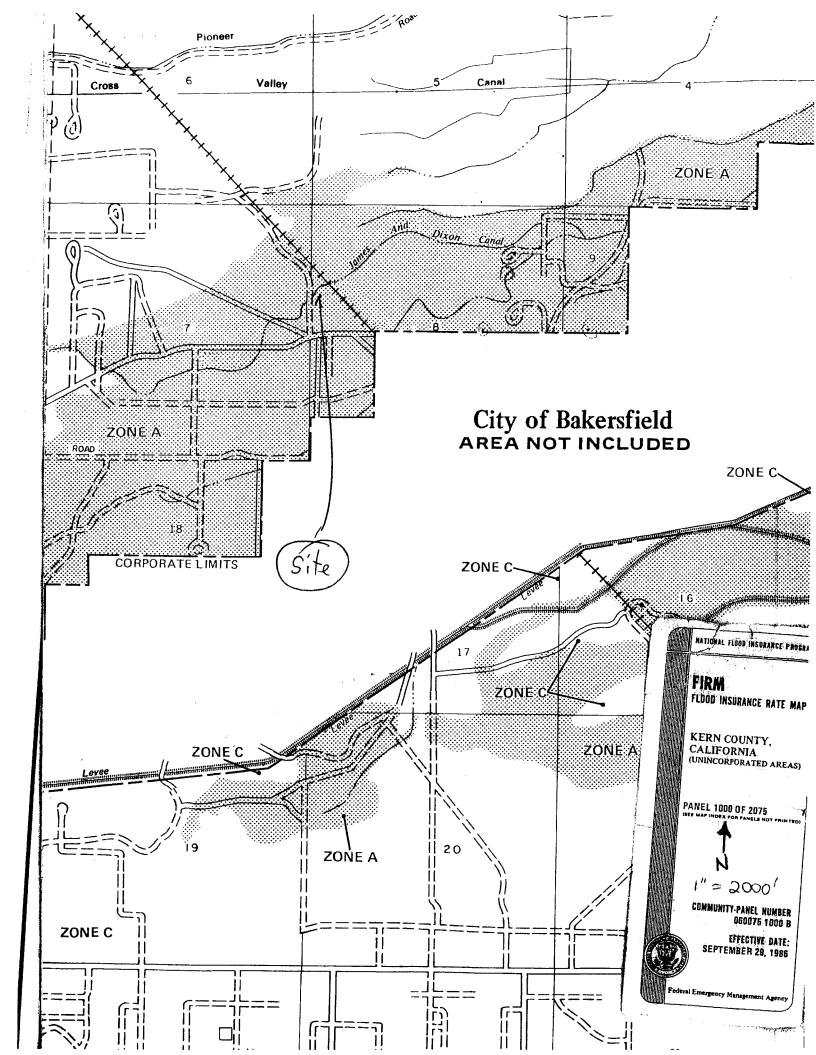
D C B A
E F G H
M L K J
N P Q R

-	One Mile	_

### KERN COUNTY

ENGINEERING & SURVEY SERVICES DEPARTMENT
FLOOD PROTECTION REQUIREMENTS
FOR APPOPOSED SINGLE FAMILY RESIDENCE

SECTION AND PROJECT INFORMATION	FOR OFFICE US	EONLY:
ag Applicant Kern Veger land	Prepared by:	Falcone,
	Checked by:	Œ
Type Street Address: Well Permit No.:	Date Received:	03/10
Street Address: 8M1	Date Completed:	03/12
Other Property Information: Tract: Lot: PM; Parcel:	Elevation Cert Red	quired:
Assessor's Parcel Number: 524-030-10 Section: 8 Township/Range: 30/26	Permit Finali	zed:
SECTION B – FEE and ELEVATION CERTIFICATE REQUIREMENTS	Microfilm	No.:
SETTING OF REQUIREMENTS AND FEE:	File	No.: 38.
Flood protection requirements are hereby set and a fee of \$0.00 s required.		
ELEVATION CERTIFICATE:		
The attached Elevation Certificate <u>must</u> be completed by a licensed land surveyor or engineer a PRIOR TO PLACING THE FOUNDATION. The Building Inspector may complete the Elevation Certificat above natural ground, however, the Building Inspector is <u>NOT</u> required to complete this form.	nd returned to the bu e if the requirements i	ilding insp nvolve a h
SECTION C- GENERAL INFORMATION		
The flood protection measures stated herein are based on the best available information and represent the promote the public health, safety, and general welfare and minimize public and private losses due to floo based on the current estimated 100-year storm event, which may change as additional hydrologic data be additional hydrologic data, the 100-year event were to increase, the degree of protection provided by the	d conditions. The floor	d condition
The documents reviewed to perform this evaluation are as indicated:		
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 1000 B ,effer	tive 09/29/1986	
Parcel Map/Tract Map/Approximate Study: na	, , , , , , , , , , , , , , , , , , , ,	
SECTION D - FINDINGS		
The proposed structure is located in an area subject to flooding from J&D Canal and is		
Mishin FEMA CIDAA		
Within FEMA FIRM Zone A Within Parcel Map/Tract Map/Approximate Study limits.		
Within Parcel Map/Tract Map/Approximate Study limits.  Therefore, the 100-year storm event flood conditions are as follows:		
Within Parcel Map/Tract Map/Approximate Study limits.		
Within Parcel Map/Tract Map/Approximate Study limits.  Therefore, the 100-year storm event flood conditions are as follows:  ✓ Base flood elevation of 335.4 feet NGVD  Flow depth of 0 feet		
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Within Parcel Map/Tract Map/Approximate Study limits.  Therefore, the 100-year storm event flood conditions are as follows:  ✓ Base flood elevation of 335.4 feet NGVD  ☐ Flow depth of 0 feet ☐ Average flow velocity of 0 feet per second  SECTION E - FLOOD PROTECTION REQUIREMENTS  All structures shall be elevated one foot above the 100-year flow depth or the base flood elevation.  The finished floor of a building shall be elevated to a minimum height of:  ☐ feet above the prevailing ground level (see note) at the side of the proposition.	sed structure	COST at Unamone Patricum
Within Parcel Map/Tract Map/Approximate Study limits.  Therefore, the 100-year storm event flood conditions are as follows:  ■ Base flood elevation of 335.4 feet NGVD  ■ Flow depth of 0 feet  ■ Average flow velocity of 0 feet per second  SECTION E - FLOOD PROTECTION REQUIREMENTS  All structures shall be elevated one foot above the 100-year flow depth or the base flood elevation.  The finished floor of a building shall be elevated to a minimum height of:		and Surve
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Within Parcel Map/Tract Map/Approximate Study limits.  Therefore, the 100-year storm event flood conditions are as follows:  ■ Base flood elevation of		and Surve



### ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us

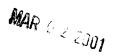


February 28, 2001

### RESOURCE MANAGEMENT AGENCY

### DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department
Roads Department



### Ladies and Gentlemen:

P. O. Box 80607

Kern Water Bank Authority

Bakersfield, CA 93380-0607

This is to advise you that your applications for permits to construct three agricultural wells have been received and reviewed. The wells will be located as follows:

Permit No.	<u>APN</u>	Township, Range, Section
EH-764	161-100-25	T30S, R26E, Section 19-G
EH-765	161-090-07	T30S, R26E, Section 17-Q
EH-766	161-100-13	T30S, R26E, Section 20-C

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

By: Thomas Hardy R.E.H.S

Environmental Health Specialist III

Water Quality Program

TH:jrw

cc: Farm Pump and Irrigation, Drilling Consultant Files EH-764, EH-765, EH-766

(water\hardy\water bank-w23b)



Permit #<u>E1+-765</u>

## APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 02/22/01	PROPOSED START DAT	E 04/01/01
OWNER: KERN WATER BANK AUTHOR		
Mailing Address: P.O. Box 80607		FIELD Zip: 93380-06
DRILLING		
CONTRACTOR KWBA	License	Phone: (661) 399-8735
Address: P.O. Box 80607	City: BAKER	SFIELD Zin: 93380-0607
-SUBCONTRACTOR: DRILLING CONSULTANT: F	ARM PUMP INC.	_ Phone: (661) 589 - 6901
Address: P.O. Box 1477	City:_ <i>SHAFT</i>	ER Zip: <u>93263</u>
JOB SITE: <u>T 305 R 26E</u>	Sec. 17 40 Acre Sub_	Q
	161-090-070	
SITE ADDRESS if available:		TOTAL ACRES: 124.87
DIRECTIONS to Well Site: Take Enas La	me 4 miles south	of Stockdale Hwy to
Panama Lane.	So east about 2	2/2+ miles. Go north
about 1+ mile.	20 (00)	THE SA HOTEL
	<u> </u>	
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepen
	□ Reconstruction	□ Destruction
INTENDED USE:  □ Domestic/private (1 connection)		TION METHOD:
☐ Domestic/private (1 connection) ☐ Domestic/nonpublic (2-4 connections)	Reverse □ Rotary	Kotary
□ Domestic/public (5 or more conn.)	□ Air Rota	ry
Agricultural	□ Other	
☐ Test Hole ☐ Monitoring		
□ Cathodic Protection		PROPOSED CASING:
□ Other	Туре	STEEL
SEALING MATERIAL (check one) GRAVEL PA		leter 20"
□ Neat Cement	CK: (check one) Gaug	luctor Depth 50° ±
Cement Grout Yes	□ No	
	_ To <u>200</u> Feet	
□ Other	DD ()	OCCED AND HE AR CEAL DEPOSIT
PROPOSED WELL PROPOSED PERI		POSED ANNULAR SEAL DEPTH: consolidated 200'±
CONSTRUCTION (DEPTH) OR SCRI	EEN: Har	drock
Max. 900 Feet From 880 To 2	220 Feet	
Min To To To	Feet	
PENETRATES TWO OR MORE AQUIFERS	PROPOSED WELL DESTRUC	TION SEAL DEPTH _ <i>N</i> /A
□ Yes No I	DEPTH OF WELL TO BE DES	TROYED

Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approx of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.

Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the

proposed starting date.

2.

6.

Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed.

Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features. 4.

In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the 5. confining clay layer(s) and assist in the placement of any required annular seal(s).

A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the

placement of any seals or plugs.

Approval of water quality and final construction features is required before the well is put into use.

Construction under this permit is subject to any instructions by Department representatives. 7.

Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 8. 9.

A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental 10. Health Services Department within 30 days after completion of the work.

"Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this 11. Department. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress 12.

toward completion made. Fees are not refundable nor transferable.

Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.

Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the 14. County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's Signature Date	or Agency Hell fimmers Date 2/22/01
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 2/71/0   Receipt # 142100
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  By:  Date:	

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

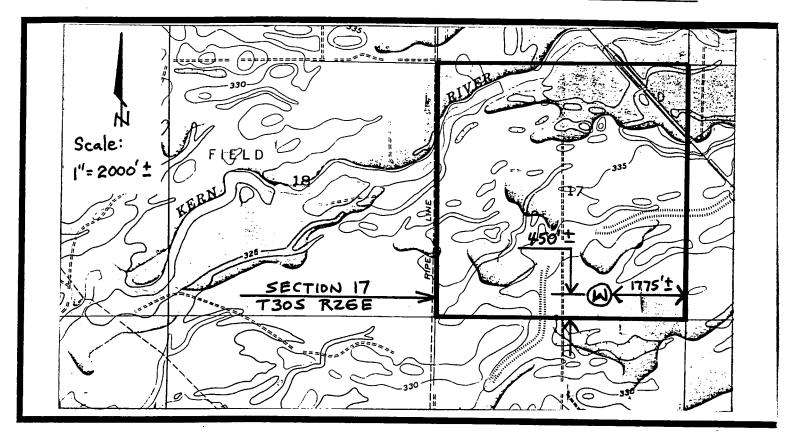
Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

F	
Parcel No.	
Assessor's Parcel No.	161-090-070

Parcel/Man/Tract

### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or courses drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

T305 R26E Section No. 17

		n No.: - /	
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M	L	K	J
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### ENVIRONMENTAL HEALTH SERVICES DEPARTMENT

#### RESOURCE MANAGEMENT AGENCY

STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



February 28, 2001

#### DAVID PRICE III, RMA DIRECTOR

**Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department** 

MAR 0 5 2001

P. O. Box 80607 Bakersfield, CA 93380-0607

Kern Water Bank Authority

Ladies and Gentlemen:

This is to advise you that your applications for permits to construct two agricultural wells have been received and reviewed. The wells will be located as follows:

Permit No.	<u>APN</u>	Township, Range, Section
EH-767	160-070-19	T30S, R25E, Section 13-P
EH-768	161-090-10	T30S, R26E, Section 18-B

In addition to the general conditions listed on the back side of each application for a well permit, the following additional condition will apply to well construction:

The final casing height shall be two (2) feet above the prevailing ground level, according to the Flood Review.

Guidelines for obtaining final approval of your wells are outlined in the enclosure.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Thomas Hardy, R.E.H

Environmental Health Specialist III

Water Quality Program

TH:jrw

Enclosure

cc: Farm Pump and Irrigation, Drilling Consultant Files EH-767, EH-768

(water\hardy\water bank-w23 cond)



Permit # EH-768

## APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 02/22/01	PROPOSED START DA	ATE 04/01/01	
OWNER: KERN WATER BANK AUTHORI	TY	Phone: (66)	) 399-8735
Mailing Address: P.O. Box 80607	City BAKE	RSFIELD	7: 92380-0
	Contractor's		_ Zip:_ / 5360=01
CONTRACTOR KWBA	License	Phone: (64	1) 399, 0725
	City: BAKE	P.C.E.D	- 90200 000
SUBCONTRACTOR: DRILLING CONSULTANT: FA	Ph. D	RSFIELD	_ Zip: <u>73380-060</u>
DA P	MM I DAP INC.	Phone: (661)	<u> 289 - 6701</u>
Address: P.O. Box 1477	City: <i>S'HAF</i>	-TER	_Zip: <u>93263</u>
JOB SITE: <u>T 305 R 26E</u> S	Sec. 18 40 Acre Sub	В	
PROPERTY DESCRIPTION: Assessor's Parcel No.:			
SITE ADDRESS if available:			100
	1 . 01/	TOTAL ACI	RES: <u>135</u>
DIRECTIONS to Well Site: Take Enos Lan	e about 2/2 m	iles south of	Stockdale
Hwy. Go east a	bout 1/2 miles	they north	about 1/4 mile
· ·			TESTS . I I'MI
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepen	
	Reconstruction	Destruction	
INTENDED USE:			
□ Domestic/private (1 connection)		ICTION METHOD:	
□ Domestic/nonpublic (2-4 connections)	□ Rotar	rse Rotary	
□ Domestic/public (5 or more conn.)			
Agricultural	□ Other		
□ Test Hole			<del></del>
□ Monitoring			
□ Cathodic Protection		PROPOSED	CASING:
□ Other	Ty	pe_STEEL	
	Di	ameter 20"	
SEALING MATERIAL (check one) GRAVEL PAC		nuge/Wall	"
□ Neat Cement	Co	onductor Depth	50' ±
Cement Grout	□ No		
	To <u>200</u> Feet		
□ Other			
PROPOSED WELL PROPOSED PERFO	PR	OPOSED ANNULA	R SEAL DEPTH:
CONSTRUCTION (DEPTH) OR SCREE		Jnconsolidated 2	00. I
Max. 900 Feet From 880 To 2	7 O Foot	Hardrock	
Min. 700 Feet From To	Feet		
	<del></del>		. 4.
PENETRATES TWO OR MORE PE AQUIFERS	ROPOSED WELL DESTRU	JCTION SEAL DEP	TH _ <i>N/A</i>
	EPTH OF WELL TO BE D	ESTROYED A	I/A
			/-·\
TITIC A DDI ICATION DECOME			

2.

11.

Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval 1. of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.

Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the

proposed starting date.

Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stage 3. at which an inspection is required unless inspection is waived or completed.

Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features. 4.

. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which 5. may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).

A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the 6. placement of any seals or plugs.

Approval of water quality and final construction features is required before the well is put into use. 7.

Construction under this permit is subject to any instructions by Department representatives. 8.

- Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work 9. Order."
- A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental 10. Health Services Department within 30 days after completion of the work.

"Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this

Department. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress 12. toward completion made. Fees are not refundable nor transferable.

Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing 13. more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.

Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the 14. County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense, cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

	or Agency Hal fin Date 2/2401
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 335 Date Paid: 2/22/01  Receipt # 14/266 Cash & Check (#186194)  Fee received by: W. Salvic
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:  Date:  Disapproved	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: No

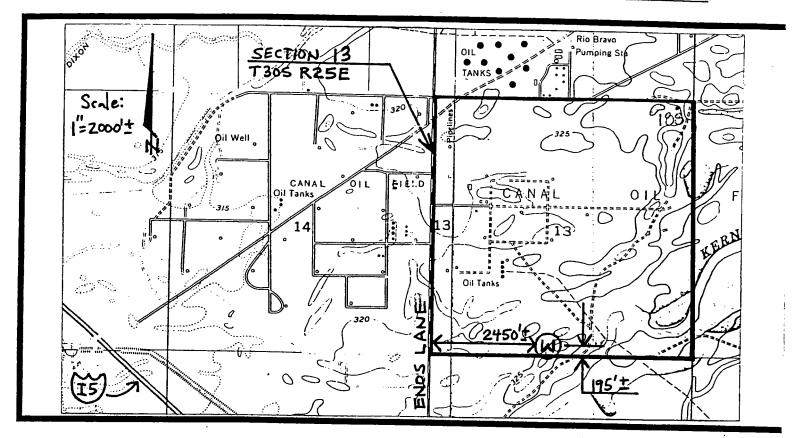
The documents reviewed to perform this evaluation are as indicated:
FEMA Flood Insurance Rate Map (FIRM), Community Panel No. 060075 1000 8 effective September 6, 1995.
[ ] FEMA Flood Boundary & Floodway Map (FBFM), Community Panel No. 060075effective September 6, 1995.
[ ] Parcel Map/Tract Map/Approximate Study
BASIS:
The well site is located in an area subject to flooding from Kern River
[X] Within FEMA FIRM Zone and is:
[ ] Within FEMA FBFM limits (see alternate #2).
[ ] Within Parcel Map/Tract Map/Approximate Study limits. The flood hazard area is designated as:
[ ] Floodplain Primary (see alternate #2). [ ] Flooplain Secondary
[ ] Floodplain Zone A.
Therefore, the 100-year storm event flood conditions are as follows:
[ ] Flow depth of foot/feet [ ] Base flood elevation of feet NGVD [ ] Average flow velocity of feet per second
ALTERNATIVE #1:
Submit a detailed design and analysis by a Registered Civil Engineer. The design shall be prepared with sufficient calculations and information to indicate compliance with the above-stated flood protection requirements.
ALTERNATE #2:
All facilities to be located underground and protected by flood control devices approved by this Department and constructed so as to minimize infiltration of flood waters, in accordance with the requirements of the Kern County Environmental Health Department and this Department.
If you have any questions regarding this matter, please contact <u>Clark Farr</u> of the Floodplain Management Section of this Department at (661) 862-5100.
Attachments cc: Owner/Applicant/Building Inspection Division- Bakersfield/Frazier Park [ ] Lake Isabella/Ridgecrest/Mojave/Tehachapi

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract
Parcel No
Assessor's Parcel No. 160-070-19

#### LOCATION

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

Section No.: 13			
D	С	В	A
E	F	G	Н
M	L	K	J
N	P <sup>u</sup>	ı Q	R

-\_\_\_\_\_ One Mile \_\_\_\_\_

### DEPARTMENT OF ENGINEERING & SURVEY SERVICES

18 30/

# FLOOD PROTECTION REQUIREMENTS FOR A WELL

In response to a request dated <u> </u>				
Building Permit Number: Well B				
Applicant: Kern Wester Bank Anthority				
Assessor's Parcel Number: 161-090-10				
Street Address: Engs Ln 21/2 miles south of Stockdale				
Section Township/Range: Sec. 18, T. 305, R. 26 E.				
Date completed: 2/23/0/ File: 14/. /, /23.18, /				
SETTING OF REQUIREMENTS AND FEE:				
Flood protection requirements are hereby set and a fee of \$180 \$15 is required. Previous permit no				
The flood protection measures stated herein are based on the best available information and represent the minimum requirements necessary to promote the public health, safety, and general welfare and minimize public and private losses due to flood conditions. The flood conditions are based on the current estimated 100-year storm event, which may change as additional hydrologic data become available. If, as a result of the additional hydrologic data, the 100-year event were to increase, the degree of protection provided by these measures will be reduced.				
FLOOD PROTECTION REQUIREMENTS				
The top of the well casing shall be elevated to a minimum height of:				
[ 💢foot(feet)above the prevailing ground level (see note) at the location of the well site.				
[ ]NGVD. This top of casing elevation is to be certified as being true and correct by a Registered Civil Engineer or a Licensed Land Surveyor on the Well Casing Elevation Certificate form provided by Kern County. The datum is referenced to the NGVD of 1929.				
[ ]foot/feet above the prevailing ground level (see note) at the location of the well site or one foot above the possible backwater condition, whichever is higher. A possible backwater condition exist behind the				
Reviewed by:				
(Millitte Helling				

Note: Prevailing ground level is the highest natural elevation of the ground surface prior to construction, upstream and next to the proposed walls of the structure. GENERAL INFORMATION:

ENV IRCNMENTA	L HEALT	NOISIVIG H
KEN COUNTY	HEALTH	DEPARTMENT

* * * * * * * * * * * * * * * * * * * *		_				
DRILLING COMPANY	SLATE	WELL	Dalley	9 (	357 28	₹ 76.3 BER
	PO Box 18	7 3760	FORD CO.	13266		
PLAN TO COMMENCE	URILLING Y, DEE	PERING RE	CONDITIONING	, DESTRU	TION,	OF A
ROTARY Y , CABLE			TYPE	WELL, FOR	THE PURPOS	E OF AN
AGRICULTURAL WELL	Y, PRIVATE DOME	STIC WELL	DOMESTIC WELL	WITH 2 OR	MORE CONNE	CTIONS,
ON PROPERTY OWNED	BY FONE	CO WE	SI	Contract of the Contract of th	10.	92200
WHOSE MAILING ADD	RESS IS PO	Box 380	BAKERS	FIELD		93.30 2
LEGAL DESCRIPTION 1300 S	of PROPERTY AND	OF ALL	DORNER	SEC	Tien 18	30/26
USE ADDITIONAL	SHEET OR BACK OF	FORM FOR CONT	INUED INFORMATI	ION)	NORTH	
NOR TH		1	4			
11300'FT'S 80'E SEC 730	18 R 26	PROPERT SEWAGE AS THEY THE WEL	DRAW IN SUCH AS TREET, INDICATE SHOW OWNERS Y, HIS HOME LINES, ETC RELATE TO L LOCATION		s outh	
SUBMITTED BY:	DENTINE CO	Á	GENT FOR STORMS	ANY OR CLI	ENT'S NAME	
21012000150	APPROVED	APPROVED SUB	JECT TO THE FO	LLOWING CO	NDITIONS	:
DISAPPROVED	APPROVEO					
By Kickes	' A					
KERN COUNTY PL	ANNING COMMISSION			* * *	* * 1	* * * *
* * * * HEALTH DEPT R	* * * * * * * * *	* * * *	7			
BY:						
DATE:						/ Du (10/91)
PERMIT NO.					KCHD # 306	6 EH (10/71).

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



February 28, 2001

**RESOURCE MANAGEMENT AGENCY** 

#### DAVID PRICE III, RMA DIRECTOR

Community Development Program Department
Engineering & Survey Services Department
Environmental Health Services Department
Planning Department
Roads Department



#### Ladies and Gentlemen:

P. O. Box 80607

Kern Water Bank Authority

Bakersfield, CA 93380-0607

This is to advise you that your applications for permits to construct three agricultural wells have been received and reviewed. The wells will be located as follows:

Permit No.	<u>APN</u>	Township, Range, Section
EH-764	161-100-25	T30S, R26E, Section 19-G
EH-765	161-090-07	T30S, R26E, Section 17-Q
EH-766	161-100-13	T30S, R26E, Section 20-C

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

Sincerely,

Steve McCalley, Director

Y: Thomas Hardy R.F.H.S

Environmental Health Specialist III

Water Quality Program

TH:jrw

cc: Farm Pump and Irrigation, Drilling Consultant Files EH-764, EH-765, EH-766

(water\hardy\water bank-w23b)



Permit # EH-764

### APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 02/22/01		
OWNER: KERN WATER BANK		
Mailing Address: P.O. Box 8060	27City	<u> Zip: 93380-06</u>
DRILLING	Contractor's	· · · · · · · · · · · · · · · · · · ·
CONTRACTOR KWBA	License	Phone: (661) 399-8735
Address: P.O. Box 80607	City: <u>BAK</u>	<u> Zip: 93380-0607</u>
SUBCONTRACTOR: DRILLING CONSUL	TAUT: FARM PUMP INC	Phone: (661) 589 - 6901
Address: P.O. Box 1477		
JOB SITE: T 305	R 26E Sec. 19 40 Acre S	ub
PROPERTY DESCRIPTION: Assessor's I	Parcel No.: 161-100-25	
SITE ADDRESS if available:		TOTAL ACRES: 49877
		to Panama Lane. Go east
al 1 3/4	b mile the meall land	16 Tanama Lane. Go Fast
about 7	t mile, then north about	12 mile.
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepen
	□ Reconstruction	□ Destruction
INTENDED USE:	CONST	RUCTION METHOD:
□ Domestic/private (1 connection)		verse Rotary
□ Domestic/nonpublic (2-4 connections)	_ Ro	
☐ Domestic/public (5 or more conn.)	□ Ai	r Rotary
Agricultural	□ Ot	her
□ Test Hole		
□ Monitoring		
☐ Cathodic Protection		PROPOSED CASING:
□ Other		Type STEEL
		Diameter 20"
SEALING MATERIAL (check one)	GRAVEL PACK: (check one)	Gauge/Wall
□ Neat Cement	• •	Conductor Depth 50' ±
Cement Grout	¥Yes □ No	
□ Concrete	From 900 To 200 Feet	
□ Other		
		PROPOSED ANNULAR SEAL DEPTH:
	OPOSED PERFORATIONS	Unconsolidated 200'±
CONSTRUCTION (DEPTH)	OR SCREEN:	Hardrock
	m <u>880</u> To <b>220</b> Feet	
Min. <u>700</u> Feet From	m To Feet	
PENETRATES TWO OR MORE	PROPOSED WELL DEST	TRUCTION SEAL DEPTH NA
AQUIFERS		
□ Yes No	DEPTH OF WELL TO BE	E DESTROYED NA
•		

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approve of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval fror their planning department.
- 2. Permit applications must be submitted to the Environmental Health Services Department at least ten working days prior to the proposed starting date.
- 3. Well site approval is required before beginning any work related to well construction. It is unlawful to continue work past the stag at which an inspection is required unless inspection is waived or completed.
- 4. Other required inspections include: setting conductor casing, E-Logs, all annular seals, and final construction features.
- 5. In areas where a well penetrates more than one aquifer, and one or more of the aquifers may contain water which is of a quality which may degrade the other aquifer(s) penetrated if allowed to commingle, an E-Log shall be required to determine the location of the confining clay layer(s) and assist in the placement of any required annular seal(s).
- 6. A phone call to the Department office is required on the morning of the day that work is to commence and 24 hours before the placement of any seals or plugs.
- 7. Approval of water quality and final construction features is required before the well is put into use.
- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmenta. Health Services Department within 30 days after completion of the work.
- 11. "Dry" holes must be properly destroyed within two (2) weeks of drilling. A well destruction application must be filed with this Department.
- 12. The permit is void on the ninetieth (90th) calendar day after date of issuance if work has not been started and reasonable progress toward completion made. Fees are not refundable nor transferable.
- 13. Lead appurtenances shall not be used in construction of any private or public water supply system. The use of solders containing more than 2/10 of 1% lead is prohibited in making joints and fittings in any private or public potable water system.
- 14. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's Signature Date	Authorized Agent or Agency Yell frammore Date 2/22/01
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 3255 Date Paid: 2/22/0/ Receipt # 147/00
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required:   Yes No

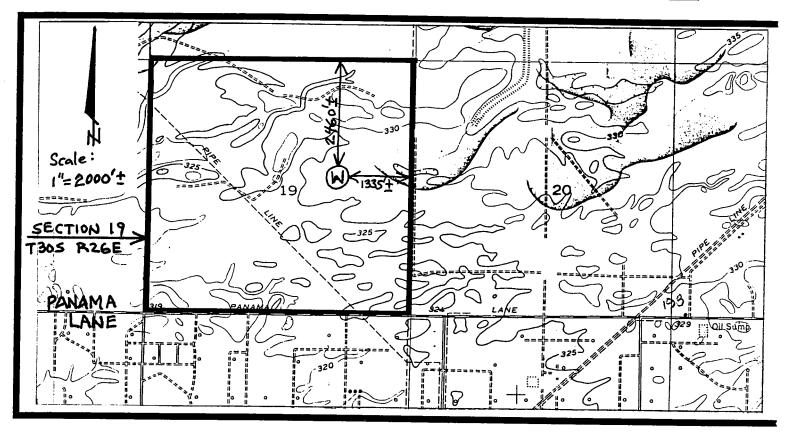
REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract	
Parcel No.	
Assessor's Parcel No.	161-100-25

#### **LOCATION**

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to section lines or half section lines.

D C B A

E F G H

M L K J

N P Q R

ксно # 306 Ен (10/71)。

APPLICATION FOR WATER WELL DRILLING PERMIT

* * * * * * * * * * * * * * * * * * * *	, who	* * * * * * * * *	* * * * * * * * * * * * * * * * * * * *	<b>*</b> * *
	Derling 111 DH 141	ΛQ	C.5728870 LICENSE NUMBER	.3
PLAY TO COMMENCE URILLING	VIDLE Rd sp64 X, DEEPENING, RECOR	NDITIONING, DES	STRUCTION, OF A	
ROTARY X, CABLE,		TYPE WELL, F	OR THE PURPOSE OF AN	1
ASSIGULTURAL WELL X, PRIV	TE DOMESTIC WELL, DOM	MESTIC WELL WITH 2	OR MORE CONNECTIONS	'
ON PROPERTY OWNED BY	uneco West	TNC		
WHOSE MAILING ADDRESS IS			09	
LEGAL DESCRIPTION OF PROPER			OR INSPECTIONS AS FO	)LLOWS
2310' N and		Sw Cor		
Q USE ADDITIONAL SHEET OR E	T30 R 36	D INFORMATION)		
NORTH	:	,	NORTH	
SOUTH  **UBMITTED BY: Zile (ST GNATURE)	LOCATE WELL SECTION. DRAW FEATURES SUCH NEAREST STREE RAILROAD. IND DISTANCES.  USE TO SHOW PROPERTY, F SEWAGE LINE AS THEY REL THE WELL LO	OWNERS HE TO COMPANY OR C	SOUTH  LIENT'S NAME)	
DISAPPROVED APPROVED	APPROVED SUBJECT	TO THE FOLLOWING	CONDITIONS:	
KERN COUNTY PLANNING COMM DATE: 9916	ISSION			
HEALTH DEPT REMARKS:	~ * * * * *	* * * * *	* * * * * *	*
BY:				
DATE:				-
PERMIT NO.			KCHD # 306 EH (10)	/711.

#### **ENVIRONMENTAL HEALTH SERVICES DEPARTMENT**

#### STEVE McCALLEY, R.E.H.S., Director

2700 "M" STREET, SUITE 300 BAKERSFIELD, CA 93301-2370

Voice: (661) 862-8700 Fax: (661) 862-8701 TTY Relay: (800) 735-2929 e-mail: eh@co.kern.ca.us



February 28, 2001

#### RESOURCE MANAGEMENT AGENCY

#### DAVID PRICE III, RMA DIRECTOR

**Community Development Program Department Engineering & Survey Services Department Environmental Health Services Department Planning Department Roads Department** 



#### Ladies and Gentlemen:

P. O. Box 80607

Kern Water Bank Authority

Bakersfield, CA 93380-0607

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EH-764 161-100-25	T30S, R26E, Section 19-G
EH-765 161-090-07	T30S, R26E, Section 17-Q
EH-766 161-100-13	730S, R26E, Section 20-C
EH-766 161-100-13	730S, R26E, Sec

No additional conditions will be required at this time.

If you have any questions about your wells, please contact our office at (661) 862-8700.

By:

Sincerely,

Thomas Hardy

Steve McCalley, Director

Environmental Health Specialist III

Water Quality Program

TH:jrw

Farm Pump and Irrigation, Drilling Consultant cc: Files EH-764, EH-765, EH-766

(water\hardy\water bank-w23b)



Permit # EH-766

## APPLICATION FOR PERMIT TO CONSTRUCTION, RECONSTRUCT, DEEPEN OR DESTROY A WELL

APPLICATION DATE: 02/22/01	PROPOSED STA	ART DATE <u>04/01/</u> 0	01
OWNER: KERN WATER BANK AU	THORITY	Phone: (66	(1) 399-8735
Mailing Address: P. O. Box 80607	City_ ${\cal B}$	AKERSFIELD	Zin: 93380-06
DRILLING	_		
CONTRACTOR KWBA	License	Phone: <u>(6</u>	61) 399-8735
Address: P.O. Box 80607	_ City: /5	AKERSFIELD	7in. 92280-060
-SUBCONTRACTOR: DRILLING CONSULTAN	T: FARM PUMP I	NC. Phone (661)	1589 - 6901
	City: <u>S</u>		
JOB SITE:  PROPERTY DESCRIPTION:  SITE ADDRESS if available:  DIRECTIONS to Well Site:  T305  R 2  Assessor's Parcel  N/A  Take Enos	26E Sec. 20 40 Ac	re Sub <u>C</u> 13  TOTAL AC  the of 5-tock dal	CRES: 463 _
about 3/4 mil	e.		
TYPE OF WORK TO BE DONE: (check one)	New Well	□ Deepen □ Destructio	n
INTENDED USE:  □ Domestic/private (1 connection)  □ Domestic/nonpublic (2-4 connections)  □ Domestic/public (5 or more conn.)  Agricultural  □ Test Hole	<b>)</b> - -	NSTRUCTION METHOD  Reverse Rotary  Rotary  Air Rotary  Other	: 
☐ Monitoring ☐ Cathodic Protection ☐ Other		Type STEEL	ED CASING:
□ Neat Cement	VEL PACK: (check one)  ✓ Yes □ No	Diameter 20" Gauge/Wall 3/2 Conductor Depth	3" 50'±
	From 900 To 200 Feet		
CONSTRUCTION (DEPTH)  Max. 900 Feet From 88	ED PERFORATIONS OR SCREEN: OF To 220 Feet To Feet	PROPOSED ANNUL. Unconsolidated Hardrock	AR SEAL DEPTH:
PENETRATES TWO OR MORE AQUIFERS	PROPOSED WELL DI	ESTRUCTION SEAL DE	PTH <u>N/A</u>
□ Yes XNo	DEPTH OF WELL TO	BE DESTROYED	N/A

#### **GENERAL CONDITIONS:**

- Permit applications will be submitted to the Planning Department for zoning, access, and flood plain clearances prior to approval of the Environmental Health Services Department. If you are drilling within city's limits, you will have to receive approval from their planning department.
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- 8. Construction under this permit is subject to any instructions by Department representatives.
- 9. Any misrepresentation or noncompliance with required permit conditions, or regulations, will result in issuance of a "Stop Work Order."
- 10. A copy of the Department of Water Resources Driller's Report and water quality analyses must be submitted to the Environmental Health Services Department within 30 days after completion of the work.
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- Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the County of Kern and/or Kern County Water Agency, its officers, agents, and employees, free and harmless from any and all expense,
- cost or liability in connection with or resulting from the exercise of this permit, including, but not limited to, property damage, personal injury, and wrongful death.

I certify that I am the owner of the above-described property, or the authorized representative of such owner, and that I furnished all of the above information and intend to construct/destroy the well as represented above. I understand that all work is to be done in accordance with Kern County Ordinance Code Chapter 14.08 and Bulletin 74-81 and the conditions of the Permit Application, including any conditions which may be added or changed by the Environmental Health Services Department upon review of this Application and issuance of the Permit. I further understand that any permit issued pursuant to this application is subject to such further conditions as may be deemed necessary to ensure compliance with the permit regulations.

Owner's A SignatureDate	or Agency Date 1/22/0
Internal use only Permit Approved: Date: Expiration Date:	Total Fee: 345 Date Paid: 2220  Receipt # 14766
ZONING  Zone:  Access Approved:  Flood Plan Approval Required  Approved  Disapproved  By:  Date:	ENVIRONMENTAL HEALTH SERVICES DEPARTMENT  E-Log Required: Yes No  Gravel Chute Required: Yes No

REASONS FOR DENIAL OR CONDITIONS OF PERMIT:

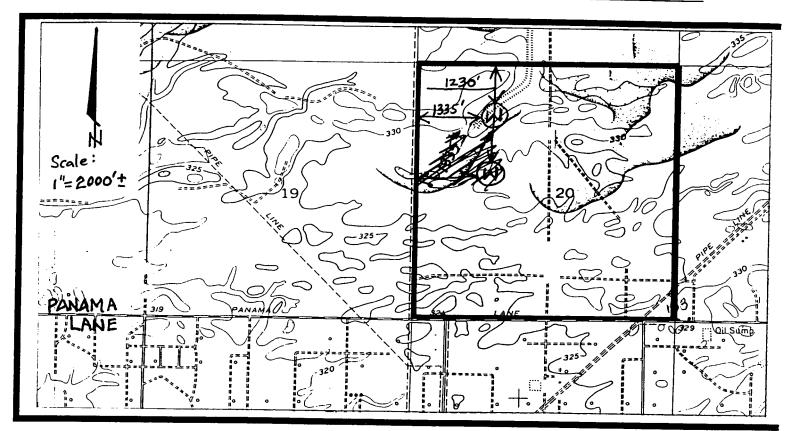
Kern County
Environmental Health Services Department
2700 "M" Street, Suite 300
Bakersfield, CA 93301
Phone (661) 862-8700
FAX (661) 862-8701

Parcel/Map/Tract_	
Parcel No	

Assessor's Parcel No. 161-100-13

#### **LOCATION**

A. Indicate below the exact location of well with respect to the following items: property lines, water bodies or course drainage pattern, roads, existing wells, structures, sewers or private disposal systems. <u>Include dimensions</u>.



B. LOCATION OF WELL WITHIN SECTION LINES - Locate well by measuring from proposed site in relation to sectio lines or half section lines.

Section No.: 20

T305 R26E

D C B A
E F G H
M L K J

1-\_\_\_\_\_One Mile \_\_\_\_\_

PERMIT NO.

#### APPLICATION FOR WATER WELL DRILLING PERMIT

	*************	********
TERRY S WEL	LL DRILLING	140990
P. O. BOX 1	87. STRATFORD, CA 93266	LICENSE NUMBER
PLAT TO COMMENCE URILLING X, DI	EEPENING , RECONDITIONING ,	DESTRUCTION, OF A
ROTARY X , CABLE,	TYPE WEL	L, FOR THE PURPOSE OF AN
AGRICULTURAL WELL X, PRIVATE DOM	MESTIC WELL, DOMESTIC WELL WIT	H 2 OR MORE CONNECTIONS
ON PROPERTY OWNED BY TENNECO		
WHOSE MAILING ADDRESS IS P. O.	BOX 380, BAKERSFIELD, CA.	93302
LEGAL DESCRIPTION OF PROPERTY AND 55° W & 55° S	of Center of SEC. 20, T 30,	TE FOR INSPECTIONS AS FOLLO
Q USE ADDITIONAL SHEET OR BACK OF	FORM FOR CONTINUED INFORMATION)	
NOR TH		NOR TH
SEC 20 T30 R26	LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWNERS PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION	·
PANAMA LANE  BUBMITTED BY: 20.0012	AS AGENT FOR (COMPANY O	SOUTH  R CLIENT'S NAME)
DISAPPROVED APPROVED	APPROVED SUBJECT TO THE FOLLOWING	NG CONDITIONS
A COUNTY PLANNING COMMISSION		
DATE: 10-30-73		
* * * * * * * * * * * * * * * * * * *	* * * * * * *	* * * * * *
: : : : : : : : : : : : : : : : : : :		
	· · · · · · · · · · · · · · · · · · ·	

PLRMIT NO.

PILLING COMPANY MAE AND ADDRESS	TERRY'S WELL I	PILLING	· · · · · · · · · · · · · · · · · · ·	. ਸਾ ਸਾ ਮ
7. VE 442 YOUNESS T			LICENSE NUMBER	90
· -	P. O. OX 187,	STRATFORE, CA. 93266	O CLOCK IT HOWBER	
			, DESTRUCTION , OF	
ROTARY X, CABLE	,	TYPE	WELL, FOR THE PURPOSE OF	AN
AGPICULTURAL WELL	X, PRIVATE DOMEST	IC WELL, DOMESTIC WELL	WITH 2 OR MORE CONNECTION	NS,
	BY TENNECO WEST			
		X 380, BAKERSFIELD, C		
ESAL DESCRIPTION	of SW cor., SEC	ECTIONS FOR LOCATING WELL 20, T30, R 26	SITE FOR INSPECTIONS AS	FOLLOWS
Q USE ADDITIONAL S	HEET OR BACK OF FOR	M FOR CONTINUED INFORMATI	ON)	
HTROM			NORTH	
SEC. 20, T B		LOCATE WELL IN SECTION. DRAW IN FEATURES SUCH AS NEAREST STREET, RAILROAD. INDICATE DISTANCES.  USE TO SHOW OWNERS PROPERTY, HIS HOME SEWAGE LINES, ETC AS THEY RELATE TO THE WELL LOCATION		
PANAMA LANE			SOUTH	
(SIGNA	TURE) FOLLOWI	AS AGENT FOR  (COMPAN  NG IS FOR OFFICE USE ONLY  ROVED SUBJECT TO THE FOLL		
MERN COUNTY PLANNI DATE: 11-14-7	5 A =		:	
* * * * * EGALTH DEPT REMAR	* * * * * *	* * * * *	* * * * *	* *
· ( )				
CYF.				