

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-8161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 749-1283 Fax:(575) 749-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-8178 Fax:(505) 334-8170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3482

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form C-101
August 1, 2011
Permit 229573

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

1. Operator Name and Address KAISER-FRANCIS OIL CO 6733 S Yale Ave Tulsa, OK, OK 74136		2. OGRID Number 12361
4. Property Code 317154		3. API Number 30-015-43990
5. Property Name Willow Lake WC 15		6. Well No. 001H

7. Surface Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
I	15	24S	28E	I	1995	S	120	E	Eddy

8. Proposed Bottom Hole Location

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
L	15	24S	28E	L	2290	S	280	W	Eddy

9. Pool Information

CULEBRA BLUFF; WOLFCAMP, SOUTH (GAS)	0
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Additional Well Information

11. Work Type New Well	12. Well Type GAS	13. Cable/Rotary	14. Lease Type Private	15. Ground Level Elevation 2990
16. Multiple N	17. Proposed Depth 15471	18. Formation Wolfcamp	19. Contractor	20. Spud Date 7/1/2017
Depth to Ground water		Distance from nearest fresh water well		Distance to nearest surface water

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Surf	17.5	13.625	48	500	580	0
Int1	12.25	9.625	40	2700	830	0
Int2	8.75	7	26	11070	900	2000
Prod	6.125	4.5	13.5	15471	500	10200

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	3000	3000	Hydril
Double Ram	5000	5000	Shaffer or Cameron

23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC ☒ and/or 19.15.14.9 (B) NMAC ☒ if applicable. Signature: _____ Printed Name: Electronically filed by Robert Major Title: Manager Email Address: kristing@kfoc.net Date: 12/12/2016	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 12/15/2016 Expiration Date: 12/15/2018 Conditions of Approval Attached
Phone: 918-491-4209	

DISTRICT I
1623 N. French Dr., Hobbs, NM 88240
Phone: (505) 340-6161 Fax: (505) 343-6126

DISTRICT II
3111 S. First St., Azusa, NM 88016
Phone: (505) 548-1281 Fax: (505) 548-9126

DISTRICT III
1000 Rio Hondo Road, Azusa, NM 87416
Phone: (505) 314-6118 Fax: (505) 314-6116

DISTRICT IV
1225 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-4466 Fax: (505) 476-4462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION FLAT

API Number	Pool Code	Pool Name
Property Code	Property Name WILLOW LAKE WC 15	Well Number 1H
OWNER No.	Operator Name KAISER-FRANCIS OIL COMPANY	Elevation 2990'

Surface Location

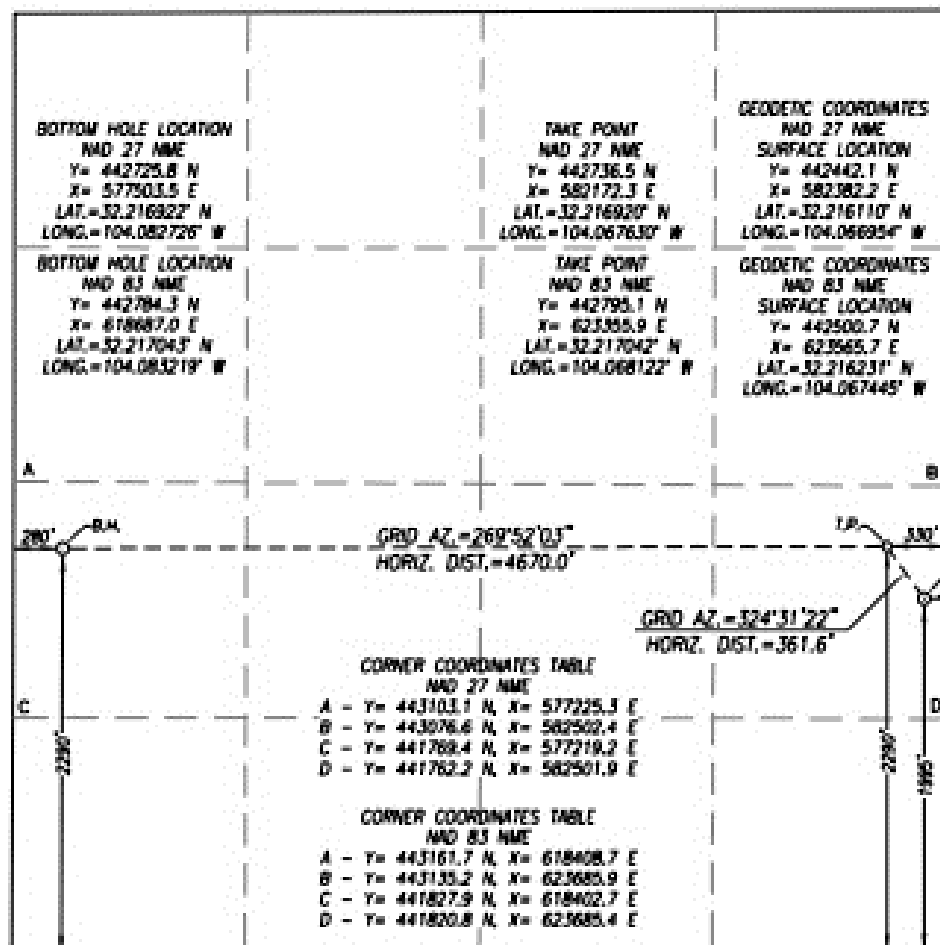
UL or lot No.	Section	Township	Range	Lot 5th	Feet from the	North/South line	Feet from the	East/West line	County
I	15	24-S	28-E		1995	SOUTH	120	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot 5th	Feet from the	North/South line	Feet from the	East/West line	County
L	15	24-S	28-E		2290	SOUTH	280	WEST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

NO ALLOWANCE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-ADJACENT UNIT HAS BEEN APPROVED BY THE DIVISION



OPERATOR CERTIFICATION

I hereby certify that the information furnished is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or retained interest interest in the land described; the proposed bottom hole location or here right to drill this well or this location pursuant to a contract with an owner of such interest or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the Division.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

SURVEYOR CERTIFICATION

I hereby certify that the well location shown on this plat was plotted from field notes of which I represent by me or under my supervision, that the same is true and correct to the best of my knowledge.

Date observed _____

Signature _____ Seal of Professional Surveyor

STATE OF NEW MEXICO
REGISTERED PROFESSIONAL SURVEYOR
3239

Ronald J. Eidson 11/29/2016

Certificate Number _____ Gary G. Eidson 12641
Ronald J. Eidson 3239

ACK _____ JWS: W.O.: 16.11.0819

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

Form APD Comments

Permit 229573

PERMIT COMMENTS

Operator Name and Address: KAISER-FRANCIS OIL CO [12361] 6733 S Yale Ave Tulsa, OK, OK 74136	API Number: 30-015-43990
	Well: Willow Lake WC 15 #001H

Created By	Comment	Comment Date
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Form APD Conditions

Permit 229573

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: KAISER-FRANCIS OIL CO [12361] 6733 S Yale Ave Tulsa, OK, OK 74136	API Number: 30-015-43990
	Well: Willow Lake WC 15 #001H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string
pkautz	If using a pit for drilling and completion operations, must have an approved pit from prior to spudding the well.
pkautz	1) SURFACE & INTERMEDIATE1 CASING - Cement must circulate to surface -- 2) INTERMEDIATE2 CASING - Cement must tie back into intermediate1 casing -- 3) PRODUCTION CASING - Cement must tie back into intermediate2 casing --
pkautz	Operator shall notify appropriate District office when setting conductor pipe.
pkautz	The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of spudding a well.
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs.
pkautz	If an APD expires and if site construction has occurred, site remediation is required.
pkautz	Submit Gas Capture Plan form prior to spudding or initiating recompletion operations