

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) 748-1283 Fax:(575) 748-9720
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 229890

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 317165		3. API Number 30-015-43995
5. Property Name WILLOW LAKE WA 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	2025	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)	75750
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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 14970	18. Formation Wolfcamp	19. Contractor	20. Spud Date 5/1/2017
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	13.375	48	500	547	0
Int1	12.25	9.625	36	2700	898	0
Int2	8.75	7	26	10225	675	2000
Prod	6.125	4.5	13.5	14970	522	9670

Casing/Cement Program: Additional Comments

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22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer
Annular	5000	5000	Cameron
Double Ram	10000	10000	Cameron
Pipe	10000	10000	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: 12/15/2016	OIL CONSERVATION DIVISION Approved By: Paul Kautz Title: Geologist Approved Date: 12/16/2016 Expiration Date: 12/16/2018 Conditions of Approval Attached
Phone: 918-491-4209	

DISTRICT I

 1421 N. French Dr., Hobbs, NM 88240
 Phone: (505) 401-6141 Fax: (505) 493-0726

DISTRICT II

 311 S. First St., Azusa, NM 88016
 Phone: (505) 743-1231 Fax: (505) 743-0726

DISTRICT III

 1800 Rio Hondo Road, Azusa, NM 88016
 Phone: (505) 743-1119 Fax: (505) 743-0726

DISTRICT IV

 1220 S. St. Francis Dr., Santa Fe, NM 87505
 Phone: (505) 474-4444 Fax: (505) 474-4442

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 WA 15	
OWNER No.	Operator Name KAISER-FRANCIS OIL COMPANY	
	Well Number 1H	Elevation 2990'

Surface Location

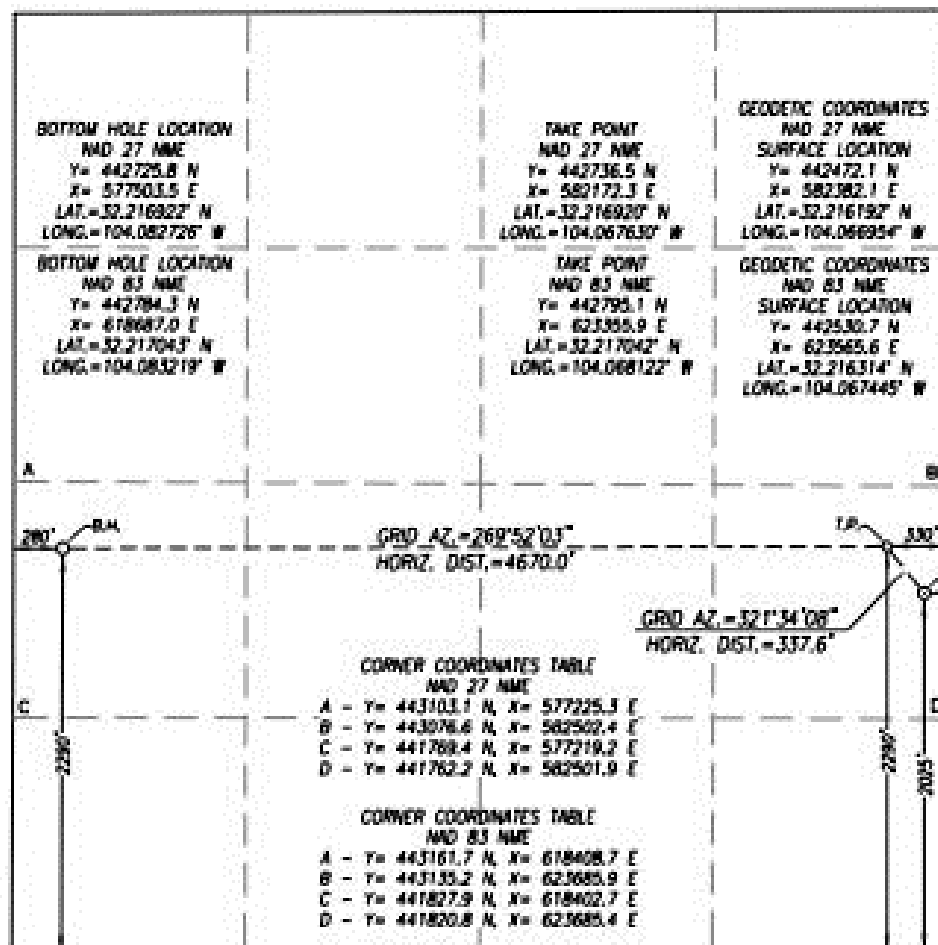
UL or lot No.	Section	Township	Range	Lot Sth	East from the	North/South line	East from the	East/West line	County
I	15	24-S	28-E		2025	SOUTH	120	EAST	EDDY

Bottom Hole Location If Different From Surface

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

Dedicated Acre	Jct. or In Bld	Correlation Code	Order No.

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



OPERATOR CERTIFICATION

I hereby certify that the information herein is true and complete to the best of my knowledge and belief, and that this representation shall constitute a binding contract or enforceable contract between the best interests of 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 record prepared by me or under my supervision, and that the same is true and correct to the best of my belief.

Date of Survey _____

Signature _____ Seal of _____

Ronald J. Eiden 11/29/2016
 Certificate Number Gary G. Eiden 12641
 Ronald J. Eiden 5239
 ACK JWS: W.O. 11/18/16

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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 229890

PERMIT COMMENTS

Operator Name and Address: KAISER-FRANCIS OIL CO [12361] 6733 S Yale Ave Tulsa, OK, OK 74136		API Number: 30-015-43995
		Well: WILLOW LAKE WA 15 #001H
Created By	Comment	Comment Date
MATTW	This will be a 4 well pad with 2 wells targeting the Wolfcamp C and 2 wells targeting the Wolfcamp A formations	12/15/2016
MATTW	This will be a 4 well pad with 2 wells targeting the Wolfcamp C and 2 wells targeting the Wolfcamp A formations	12/15/2016

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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 Conditions

Permit 229890

PERMIT CONDITIONS OF APPROVAL

Operator Name and Address: KAISER-FRANCIS OIL CO [12361] 6733 S Yale Ave Tulsa, OK, OK 74136	API Number: 30-015-43995
	Well: WILLOW LAKE WA 15 #001H
OCD Reviewer	Condition