

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 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) 334-6178 Fax:(505) 334-6170

**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

**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 246825

**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
		3. API Number 30-025-44364
4. Property Code 316706	5. Property Name BELL LAKE UNIT SOUTH	6. Well No. 421H

**7. Surface Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
J	1	24S	33E	J	2060	S	2340	E	Lea

**8. Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
C	36	23S	33E	C	330	N	2110	W	Lea

**9. Pool Information**

WC-025 G-09 S243310P;UPPER WOLFCAMP	98135
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**Additional Well Information**

11. Work Type New Well	12. Well Type OIL	13. Cable/Rotary	14. Lease Type State	15. Ground Level Elevation 3627
16. Multiple N	17. Proposed Depth 20152	18. Formation Upper Wolfcamp	19. Contractor	20. Spud Date 8/26/2018
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	14.75	10.75	40.5	1350	950	0
Int1	9.875	7.625	29.7	12430	1500	0
Prod	6.75	5.5	20	20152	675	12130

**Casing/Cement Program: Additional Comments**

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**22. Proposed Blowout Prevention Program**

Type	Working Pressure	Test Pressure	Manufacturer
Double Ram	10000	5000	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 <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable.  Signature:	<b>OIL CONSERVATION DIVISION</b>
Printed Name: Electronically filed by Kristin L Gray	Approved By: Paul Kautz
Title:	Title: Geologist
Email Address: kristing@kfoc.net	Approved Date: 1/17/2018      Expiration Date: 1/17/2020
Date: 1/10/2018      Phone: 918-491-4209	Conditions of Approval Attached

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

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number	<sup>2</sup> Pool Code	<sup>3</sup> Pool Name
	98135	WC-025 G09 S243310P Upper Wolfcamp
<sup>4</sup> Property Code	<sup>5</sup> Property Name	<sup>6</sup> Well Number
	BELL LAKE UNIT SOUTH	421H
<sup>7</sup> OGRID No.	<sup>8</sup> Operator Name	<sup>9</sup> Elevation
12361	KAISER-FRANCIS OIL COMPANY	3626.9

<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	24 S	33 E		2060	SOUTH	2340	EAST	LEA

<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	36	23 S	33 E		330	NORTH	2110	WEST	LEA

<sup>12</sup> Dedicated Acres	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code	<sup>15</sup> Order No.
160			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

<p>NW CORNER SEC. 36 LAT. = 32.2683544°N LONG. = 103.5345981°W NMSP EAST (FT) N = 462279.13 E = 788216.11</p> <p>2110'</p> <p>BOTTOM OF HOLE</p> <p>BOTTOM OF HOLE LAT. = 32.2674533°N LONG. = 103.5277714°W NMSP EAST (FT) N = 461987.07 E = 790328.05</p> <p>NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE. EAST COORDINATES ARE GRID (NAD83), BASED ON BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD83.</p> <p>NW CORNER SEC. 1 LAT. = 32.2538616°N LONG. = 103.5345979°W NMSP EAST (FT) N = 457006.68 E = 788254.80</p> <p>LOT 4 LOT 3 LOT 1</p> <p>BELL LAKE UNIT SOUTH 421H ELEV. = 3626.9' LAT. = 32.2450236°N (NAD83) LONG. = 103.5250897°W NMSP EAST (FT) N = 453813.40 E = 791218.41</p> <p>FIRST TAKE POINT N53°29'22"W DNF 1020.29 FT</p> <p>SURFACE LOCATION</p> <p>2340'</p> <p>SW CORNER SEC. 1 LAT. = 32.2393922°N LONG. = 103.5346316°W NMSP EAST (FT) N = 451742.64 E = 788283.52</p> <p>S Q CORNER SEC. 1 LAT. = 32.2393854°N LONG. = 103.5260783°W NMSP EAST (FT) N = 451752.65 E = 790928.21</p> <p>SE CORNER SEC. 1 LAT. = 32.2393361°N LONG. = 103.5175208°W NMSP EAST (FT) N = 451762.01 E = 793574.23</p> <p>NE CORNER SEC. 36 LAT. = 32.2683882°N LONG. = 103.5175261°W NMSP EAST (FT) N = 462323.84 E = 793482.34</p> <p>E Q CORNER SEC. 36 LAT. = 32.2610967°N LONG. = 103.5175254°W NMSP EAST (FT) N = 459678.47 E = 793512.85</p>	<p><b><sup>17</sup> OPERATOR CERTIFICATION</b></p> <p>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</p> <p><i>C. Van Valkenburg</i> Signature 1/10/18 Date</p> <p>Charlotte Van Valkenburg Printed Name</p> <p>Charlotv@kfoc.net E-mail Address</p> <p><b><sup>18</sup> SURVEYOR CERTIFICATION</b></p> <p>I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.</p> <p>OCTOBER 25, 2017 Date of Survey</p> <p><i>FILMON F. JARAMILLO</i> Signature and Seal of Professional Surveyor</p> <p>Certificate Number: FILMON F. JARAMILLO, PLS 12797 SURVEY NO. 5678</p>
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Form APD Comments

Permit 246825

**PERMIT COMMENTS**

Operator Name and Address: KAISER-FRANCIS OIL CO [12361] 6733 S Yale Ave Tulsa, OK, OK 74136		API Number: 30-025-44364
		Well: BELL LAKE UNIT SOUTH #421H
Created By	Comment	Comment Date
ksharp	Gas Capture Plan must be submitted to Paul Kautz for completion of approval process	1/16/2018

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Form APD Conditions

Permit 246825

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**Energy, Minerals and Natural Resources**  
**Oil Conservation Division**  
**1220 S. St Francis Dr.**  
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**PERMIT CONDITIONS OF APPROVAL**

Operator Name and Address: KAISER-FRANCIS OIL CO [12361] 6733 S Yale Ave Tulsa, OK, OK 74136	API Number: 30-025-44364
	Well: BELL LAKE UNIT SOUTH #421H

OCD Reviewer	Condition
pkautz	Will require a directional survey with the C-104
pkautz	1) SURFACE & INTERMEDIATE CASING - Cement must circulate to surface -- 2) PRODUCTION CASING - Cement must tie back into intermediate casing --
pkautz	If cement does not circulate to surface, must run temperature survey or other log to determine top of cement
pkautz	Surface casing must be set 25' below top of Rustler Anhydrite in order to seal off protectable water
pkautz	1)- The Operator is to notify NMOCD by sundry (Form C-103) within ten (10) days of the well being spud 2)- Drilling Sundries Form C-103 (Casing and Cement test are to be submitted within 10 days 3)- Completion Reports & Logs are to be submitted within 45 days 4)- Deviation / Directional Drill Survey are to be filed with or prior to C-104
pkautz	It is the operator's responsibility to monitor cancellation dates of approved APDs. APD's are good for 2 years and may be extended for one year. Only one 1 year extension will be granted if submitted by C-103 before expiration date. After expiration date or after a 1 year extension must submit new APD.
pkautz	Stage Tool - 1) Must notify OCD Hobbs Office prior to running Stage Tool at 575-370-3186 2) If using Stage Tool on Surface casing, Stage Tool must be set greater than 350' from surface and a minimum of 200 feet above surface shoe. 3) When using a Stage Tool on Intermediate or Production Casing Stage must be a minimum of 50 feet below previous casing shoe.