

1625 N. French Dr., Hobbs, NM 88240

State of New Mexico
Energy, Minerals & Natural Resources

Revised August 1, 2011

District II

811 S. First St., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

1220 S. St. Francis Dr., Santa Fe, NM 87505

Oil Conservation Division

1220 South St. Francis Dr.

Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Kaiser-Francis Oil Company P. O. Box 21468, Tulsa, OK 74121-1468		² OGRID Number 12361
		³ Reason for Filing Code/ Effective Date NW
⁴ API Number 30 - 025-46889	⁵ Pool Name Bell Lake; Wolfcamp, South	⁶ Pool Code 98266
⁷ Property Code 316706	⁸ Property Name Bell Lake Unit South	⁹ Well Number 431H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	5	24S	34E	K	1832	South	1945	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
D	32	23S	34E	D	107	North	420	West	Lea

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
F	F	9/1/2020	-	-	-

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
	Markwest Tornado GP, LLC 1515 Araphoe St., Suite 1600 Denver, CO 80202	G
	Plains Pipeline LP 333 Clay St., #1600 Houston, TX 77002	O

IV. Well Completion Data

11590 TVD

11598 TVD

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTB	²⁵ Perforations	²⁶ DHC, MC
3/24/2020	8/28/2020	19856 MD	19696 MD	12130 - 19662	-
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17.5	13.375	1365	1135		
12.25	10.75	5240	795		
9.875	7.625	11020	1215		
6.75	5.5	19831	1575		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
8/31/2020	9/1/2020	9/10/2020	24 hrs	-	3850
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
22	1214	1650	3091		Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.

Signature:

Printed name:

Charlotte Van Valkenburg

Title:

Mgr., Regulatory Compliance

E-mail Address:

Charlotv@kfoc.net

Date:

11/20/2020

Phone:

918-491-4314

OIL CONSERVATION DIVISION

Approved by:

KURT SIMMONS

Title:

NMOCD, SANTA FE

Approval Date:

07/06/2021

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 Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

¹ API Number 30-025-46889	² Pool Code 98266	³ Pool Name Bell Lake; Wolfcamp, South
⁴ Property Code 316706	⁵ Property Name BELL LAKE UNIT SOUTH	⁶ Well Number 431H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	⁹ Elevation 3596.4

" Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	5	24 S	34 E	K	1832	SOUTH	1945	WEST	LEA

" 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
D	32	23 S	34 E	D	107	NORTH	420	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
480		-	-

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.

NW CORNER SEC. 32 LAT. = 32.2683519°N LONG. = 103.5005984°W NMSP EAST (FT) N = 462358.11 E = 798724.66 W/4 CORNER SEC. 32 LAT. = 32.2610941°N LONG. = 103.5005861°W NMSP EAST (FT) N = 459717.74 E = 798748.94 AS-DRILLED KOP 2047' FSL, 392' FWL LAT. = 32.2448626°N LONG. = 103.4992735°W NMSP EAST (FT) N = 453852.25 E = 799200.27 NW CORNER SEC. 5 LAT. = 32.2538360°N LONG. = 103.5005766°W NMSP EAST (FT) N = 457077.27 E = 798772.36 W/4 CORNER SEC. 5 LAT. = 32.2466023°N LONG. = 103.5005464°W NMSP EAST (FT) N = 454445.73 E = 798802.12 SW CORNER SEC. 5 LAT. = 32.2393444°N LONG. = 103.5005242°W NMSP EAST (FT) N = 451805.34 E = 798829.47		N/4 CORNER SEC. 32 LAT. = 32.2683440°N LONG. = 103.4920425°W NMSP EAST (FT) N = 462375.86 E = 801369.28 AS-DRILLED BOTTOM OF HOLE LAT. = 32.2680576°N LONG. = 103.4992386°W NMSP EAST (FT) N = 462254.28 E = 799145.78 N/4 CORNER SEC. 5 LAT. = 32.2538352°N LONG. = 103.4920367°W NMSP EAST (FT) N = 457097.54 E = 801412.43 S/4 CORNER SEC. 5 LAT. = 32.2392987°N LONG. = 103.4919593°W NMSP EAST (FT) N = 451809.38 E = 801477.80		NE CORNER SEC. 32 LAT. = 32.2683413°N LONG. = 103.4835217°W NMSP EAST (FT) N = 462395.63 E = 804003.04 E/4 CORNER SEC. 32 LAT. = 32.2610848°N LONG. = 103.4835095°W NMSP EAST (FT) N = 459755.71 E = 804027.70 NE CORNER SEC. 5 LAT. = 32.2539207°N LONG. = 103.4835560°W NMSP EAST (FT) N = 457149.32 E = 804033.96 E/4 CORNER SEC. 5 LAT. = 32.2465905°N LONG. = 103.4834825°W NMSP EAST (FT) N = 454482.78 E = 804077.79 SE CORNER SEC. 5 LAT. = 32.2393344°N LONG. = 103.4834649°W NMSP EAST (FT) N = 451843.03 E = 804104.13	
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AS-DRILLED
KOP
2047' FSL, 392' FWL
LAT. = 32.2448626°N
LONG. = 103.4992735°W
NMSP EAST (FT)
N = 453852.25
E = 799200.27

AS-DRILLED
FIRST TAKE POINT
2538' FSL, 370' FWL
LAT. = 32.2468604°N
LONG. = 103.4993524°W
NMSP EAST (FT)
N = 454542.48
E = 799170.53

AS-DRILLED
KOP
2047' FSL, 392' FWL
LAT. = 32.2448626°N
LONG. = 103.4992735°W
NMSP EAST (FT)
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E = 799200.27

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2047' FSL, 392' FWL
LAT. = 32.2448626°N
LONG. = 103.4992735°W
NMSP EAST (FT)
N = 453852.25
E = 799200.27

 17 OPERATOR CERTIFICATION 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. Signature: *Charlotte Van Valkenburg* Date: 11/20/2020 Printed Name: Charlotte Van Valkenburg E-mail Address: Charlotv@kfoc.net || **18 SURVEYOR CERTIFICATION** 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. FEBRUARY 13, 2020 Date of Survey: 12/27/2019 Signature and Seal of Professional Surveyor: *William F. Jaramila* Certificate Number: FIRMOR, PROFESSIONAL, PLS 12797 SURVEY NO. 7250B | | AS-DRILLED KOP 2047' FSL, 392' FWL LAT. = 32.2448626°N LONG. = 103.4992735°W NMSP EAST (FT) N = 453852.25 E = 799200.27 AS-DRILLED KOP 2047' FSL, 392' FWL LAT. = 32.2448626°N LONG. = 103.4992735°W NMSP EAST (FT) N = 453852.25 E = 799200.27 | |



Kaiser-Francis Oil Company

Lea County, NM (NAD 83)

Sec 5-T24S-R34E

Bell Lake Unit South 431H

Wellbore #1

Survey: Survey #1

Standard Survey Report

15 April, 2020

KAISER-FRANCIS OIL COMPANY



Microsoft Survey Report

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit South 431H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Project	Lea County, NM (NAD 83)		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	Sec 5-T24S-R34E		
Site Position:		Northing:	453,577.65 usft
From:	Map	Easting:	760,872.47 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.244965
		Longitude:	-103.623242
		Grid Convergence:	0.38 °

Well	Bell Lake Unit South 431H		
Well Position	+N/-S	0.00 usft	Northing: 453,639.89 usft
	+E/-W	0.00 usft	Easting: 800,755.25 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32.244346
		Longitude:	-103.494250
		Ground Level:	3,596.40 usft

Wellbore	Wellbore #1		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	04/15/20	6.61
			Dip Angle (°) 60.06
			Field Strength (nT) 47,665.91080056

Design	Wellbore #1		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°) 349.42

Survey Program	Date	04/15/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
214.00	19,856.00	Survey #1 (Wellbore #1)	MWD	OWSG MWD - Standard

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
214.00	0.30	248.00	214.00	-0.21	-0.52	-0.11	0.14	0.14	0.00
1st MWD Survey									
670.00	0.60	106.00	669.99	-1.32	0.67	-1.42	0.19	0.07	-31.14
948.00	0.80	43.00	947.97	-0.30	3.39	-0.91	0.27	0.07	-22.66
1,036.00	0.50	38.00	1,035.97	0.45	4.05	-0.30	0.35	-0.34	-5.68
1,127.00	0.50	75.00	1,126.97	0.87	4.67	0.00	0.35	0.00	40.66
1,219.00	0.50	58.00	1,218.96	1.19	5.40	0.17	0.16	0.00	-18.48
1,309.00	0.70	40.00	1,308.96	1.82	6.09	0.67	0.30	0.22	-20.00
1,421.00	0.97	7.32	1,420.95	3.28	6.65	2.00	0.48	0.24	-29.18
1,511.00	1.98	313.01	1,510.92	5.10	5.61	3.98	1.80	1.12	-60.34



Microsoft Survey Report

KAISER-FRANCIS OIL COMPANY

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Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
1,605.00	3.78	293.14	1,604.80	7.42	1.57	7.01	2.16	1.91	-21.14
1,700.00	5.45	283.21	1,699.49	9.68	-5.70	10.57	1.94	1.76	-10.45
1,794.00	7.69	275.48	1,792.87	11.31	-16.31	14.11	2.56	2.38	-8.22
1,888.00	9.85	271.70	1,885.76	12.14	-30.61	17.56	2.38	2.30	-4.02
1,982.00	12.40	270.29	1,977.99	12.43	-48.74	21.17	2.73	2.71	-1.50
2,077.00	12.84	270.73	2,070.69	12.62	-69.49	25.17	0.47	0.46	0.46
2,171.00	13.41	271.70	2,162.24	13.08	-90.83	29.54	0.65	0.61	1.03
2,265.00	13.80	272.84	2,253.60	13.96	-112.93	34.46	0.50	0.41	1.21
2,360.00	13.54	276.88	2,345.91	15.85	-135.28	40.43	1.04	-0.27	4.25
2,454.00	12.97	277.85	2,437.41	18.61	-156.66	47.06	0.65	-0.61	1.03
2,549.00	13.19	279.52	2,529.94	21.86	-177.91	54.16	0.46	0.23	1.76
2,643.00	13.54	279.61	2,621.40	25.47	-199.33	61.64	0.37	0.37	0.10
2,737.00	14.51	282.51	2,712.59	29.86	-221.68	70.06	1.27	1.03	3.09
2,832.00	13.93	283.30	2,804.68	35.06	-244.43	79.36	0.64	-0.61	0.83
2,926.00	13.49	280.93	2,896.01	39.75	-266.20	87.96	0.76	-0.47	-2.52
3,020.00	13.32	278.03	2,987.45	43.34	-287.69	95.44	0.74	-0.18	-3.09
3,115.00	13.49	277.59	3,079.86	46.33	-309.51	102.39	0.21	0.18	-0.46
3,209.00	13.27	278.47	3,171.31	49.37	-331.05	109.33	0.32	-0.23	0.94
3,303.00	12.13	281.98	3,263.01	53.01	-351.38	116.64	1.46	-1.21	3.73
3,398.00	12.48	283.91	3,355.82	57.55	-371.11	124.72	0.57	0.37	2.03
3,492.00	11.82	279.52	3,447.72	61.58	-390.46	132.24	1.21	-0.70	-4.67
3,586.00	11.82	278.64	3,539.73	64.62	-409.48	138.72	0.19	0.00	-0.94
3,681.00	12.40	280.31	3,632.61	67.91	-429.13	145.56	0.71	0.61	1.76
3,775.00	11.34	276.97	3,724.60	70.83	-448.24	151.95	1.34	-1.13	-3.55
3,869.00	11.03	276.62	3,816.82	72.99	-466.34	157.40	0.34	-0.33	-0.37
3,964.00	11.25	278.29	3,910.03	75.38	-484.54	163.08	0.41	0.23	1.76
4,058.00	11.56	278.82	4,002.17	78.14	-502.92	169.18	0.35	0.33	0.56
4,152.00	11.82	279.34	4,094.22	81.15	-521.73	175.59	0.30	0.28	0.55
4,247.00	11.96	279.70	4,187.18	84.39	-541.03	182.31	0.17	0.15	0.38
4,341.00	11.52	280.58	4,279.22	87.75	-559.86	189.08	0.51	-0.47	0.94
4,436.00	11.25	274.77	4,372.35	90.26	-578.42	194.96	1.24	-0.28	-6.12
4,530.00	10.90	269.85	4,464.60	91.00	-596.44	198.99	1.07	-0.37	-5.23
4,624.00	11.03	271.35	4,556.89	91.19	-614.32	202.46	0.33	0.14	1.60
4,719.00	10.68	270.82	4,650.19	91.53	-632.21	206.08	0.38	-0.37	-0.56
4,813.00	10.37	284.97	4,742.62	93.84	-649.09	211.46	2.76	-0.33	15.05
4,907.00	10.64	263.26	4,835.08	95.01	-665.89	215.69	4.20	0.29	-23.10
5,001.00	12.62	260.62	4,927.15	92.32	-684.64	216.49	2.18	2.11	-2.81
5,096.00	13.19	261.41	5,019.75	89.01	-705.60	217.08	0.63	0.60	0.83
5,190.00	13.41	260.98	5,111.23	85.69	-726.97	217.75	0.26	0.23	-0.46
5,289.00	13.93	260.89	5,207.42	82.01	-750.07	218.37	0.53	0.53	-0.09
5,383.00	13.45	263.35	5,298.75	78.95	-772.10	219.41	0.80	-0.51	2.62
5,478.00	12.44	267.22	5,391.34	77.17	-793.30	221.56	1.40	-1.06	4.07
5,572.00	11.78	271.61	5,483.25	76.95	-813.00	224.96	1.20	-0.70	4.67



Microsoft
Survey Report

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit South 431H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
5,666.00	11.12	278.55	5,575.38	78.57	-831.56	229.96	1.62	-0.70	7.38	
5,761.00	10.77	278.73	5,668.65	81.28	-849.39	235.89	0.37	-0.37	0.19	
5,855.00	11.43	275.21	5,760.89	83.46	-867.35	241.33	1.01	0.70	-3.74	
5,949.00	11.47	275.04	5,853.02	85.13	-885.93	246.39	0.06	0.04	-0.18	
6,044.00	10.99	273.81	5,946.20	86.56	-904.38	251.18	0.56	-0.51	-1.29	
6,138.00	10.99	275.57	6,038.48	88.02	-922.24	255.90	0.36	0.00	1.87	
6,232.00	11.60	276.53	6,130.66	89.97	-940.54	261.17	0.68	0.65	1.02	
6,327.00	12.35	280.40	6,223.59	92.89	-960.03	267.62	1.16	0.79	4.07	
6,421.00	12.84	281.10	6,315.33	96.71	-980.16	275.08	0.55	0.52	0.74	
6,515.00	12.97	279.96	6,406.96	100.55	-1,000.80	282.64	0.30	0.14	-1.21	
6,610.00	13.05	278.38	6,499.52	103.95	-1,021.91	289.87	0.38	0.08	-1.66	
6,704.00	12.66	277.85	6,591.16	106.91	-1,042.62	296.57	0.43	-0.41	-0.56	
6,798.00	10.90	276.88	6,683.18	109.38	-1,061.65	302.50	1.88	-1.87	-1.03	
6,893.00	11.60	284.97	6,776.36	112.92	-1,079.79	309.31	1.82	0.74	8.52	
6,989.00	11.69	286.82	6,870.38	118.23	-1,098.43	317.95	0.40	0.09	1.93	
7,083.00	12.13	284.09	6,962.36	123.39	-1,117.12	326.46	0.76	0.47	-2.90	
7,178.00	13.14	284.62	7,055.06	128.55	-1,137.25	335.22	1.07	1.06	0.56	
7,273.00	13.05	282.86	7,147.59	133.66	-1,158.16	344.09	0.43	-0.09	-1.85	
7,369.00	11.91	281.10	7,241.32	137.98	-1,178.44	352.06	1.25	-1.19	-1.83	
7,464.00	12.97	277.15	7,334.09	141.19	-1,198.64	358.93	1.43	1.12	-4.16	
7,559.00	13.23	275.65	7,426.62	143.59	-1,220.04	365.22	0.45	0.27	-1.58	
7,655.00	11.74	273.81	7,520.34	145.32	-1,240.72	370.72	1.61	-1.55	-1.92	
7,750.00	12.48	276.80	7,613.23	147.18	-1,260.55	376.19	1.02	0.78	3.15	
7,845.00	12.00	276.62	7,706.07	149.53	-1,280.56	382.17	0.51	-0.51	-0.19	
7,940.00	11.25	273.81	7,799.12	151.29	-1,299.61	387.40	0.99	-0.79	-2.96	
8,036.00	11.38	274.86	7,893.26	152.71	-1,318.39	392.25	0.25	0.14	1.09	
8,131.00	11.25	275.30	7,986.41	154.36	-1,336.96	397.28	0.16	-0.14	0.46	
8,226.00	10.29	272.84	8,079.74	155.64	-1,354.66	401.78	1.12	-1.01	-2.59	
8,322.00	10.90	276.36	8,174.10	157.07	-1,372.25	406.42	0.93	0.64	3.67	
8,417.00	10.68	276.18	8,267.42	159.01	-1,389.93	411.58	0.23	-0.23	-0.19	
8,512.00	11.56	281.45	8,360.64	161.85	-1,408.01	417.69	1.41	0.93	5.55	
8,607.00	10.81	280.93	8,453.83	165.43	-1,426.08	424.52	0.80	-0.79	-0.55	
8,703.00	10.07	279.96	8,548.24	168.59	-1,443.19	430.77	0.79	-0.77	-1.01	
8,798.00	8.97	278.82	8,641.93	171.16	-1,458.69	436.15	1.17	-1.16	-1.20	
8,893.00	8.00	279.87	8,735.89	173.43	-1,472.52	440.92	1.03	-1.02	1.11	
8,989.00	7.52	280.14	8,831.01	175.68	-1,485.29	445.47	0.50	-0.50	0.28	
9,084.00	6.55	279.17	8,925.30	177.64	-1,496.75	449.50	1.03	-1.02	-1.02	
9,179.00	5.63	284.09	9,019.76	179.63	-1,506.62	453.28	1.11	-0.97	5.18	
9,275.00	5.32	285.41	9,115.32	181.96	-1,515.48	457.20	0.35	-0.32	1.37	
9,370.00	5.54	286.99	9,209.90	184.47	-1,524.11	461.25	0.28	0.23	1.66	
9,465.00	5.27	292.62	9,304.47	187.49	-1,532.53	465.76	0.63	-0.28	5.93	
9,561.00	4.75	290.16	9,400.11	190.56	-1,540.33	470.21	0.59	-0.54	-2.56	
9,656.00	4.22	295.52	9,494.82	193.42	-1,547.17	474.28	0.71	-0.56	5.64	



Microsoft
Survey Report

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit South 431H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
9,751.00	0.62	290.42	9,589.72	195.10	-1,550.81	476.60	3.79	-3.79	-5.37	
9,846.00	1.05	147.07	9,684.71	194.55	-1,550.82	476.06	1.67	0.45	-150.89	
9,942.00	1.10	213.34	9,780.70	193.04	-1,550.85	474.59	1.22	0.05	69.03	
10,037.00	1.89	237.25	9,875.67	191.44	-1,552.67	473.34	1.04	0.83	25.17	
10,132.00	2.02	247.62	9,970.61	189.95	-1,555.53	472.40	0.40	0.14	10.92	
10,228.00	2.24	247.88	10,066.54	188.60	-1,558.83	471.68	0.23	0.23	0.27	
10,323.00	1.36	211.49	10,161.50	186.94	-1,561.14	470.47	1.47	-0.93	-38.31	
10,418.00	2.02	237.77	10,256.46	185.08	-1,563.15	469.02	1.05	0.69	27.66	
10,513.00	0.70	199.19	10,351.43	183.64	-1,564.76	467.90	1.62	-1.39	-40.61	
10,609.00	0.48	168.25	10,447.43	182.70	-1,564.87	466.99	0.40	-0.23	-32.23	
10,704.00	0.57	161.75	10,542.42	181.86	-1,564.64	466.12	0.11	0.09	-6.84	
10,799.00	0.35	98.99	10,637.42	181.36	-1,564.20	465.56	0.54	-0.23	-66.06	
10,893.00	0.84	48.19	10,731.41	181.78	-1,563.41	465.82	0.72	0.52	-54.04	
10,977.00	1.80	32.37	10,815.39	183.30	-1,562.24	467.10	1.21	1.14	-18.83	
11,067.00	3.16	27.33	10,905.31	186.70	-1,560.35	470.09	1.53	1.51	-5.60	
11,114.00	4.79	18.54	10,952.19	189.71	-1,559.13	472.83	3.69	3.47	-18.70	
11,162.00	7.87	17.58	10,999.89	194.75	-1,557.50	477.48	6.42	6.42	-2.00	
11,209.00	10.59	4.92	11,046.28	202.12	-1,556.15	484.48	7.19	5.79	-26.94	
11,256.00	14.73	5.01	11,092.13	212.38	-1,555.26	494.40	8.81	8.81	0.19	
11,351.00	24.79	1.05	11,181.43	244.41	-1,553.84	525.62	10.68	10.59	-4.17	
11,446.00	41.76	2.11	11,260.56	296.31	-1,552.30	576.36	17.87	17.86	1.12	
11,541.00	50.73	1.14	11,326.20	364.84	-1,550.40	643.37	9.47	9.44	-1.02	
11,636.00	55.87	357.89	11,382.96	440.96	-1,551.11	718.33	6.06	5.41	-3.42	
11,731.00	61.49	353.94	11,432.34	521.84	-1,556.97	798.92	6.90	5.92	-4.16	
11,826.00	67.91	353.67	11,472.92	607.19	-1,566.24	884.51	6.76	6.76	-0.28	
11,921.00	74.77	354.90	11,503.29	696.69	-1,575.18	974.13	7.32	7.22	1.29	
12,006.80	80.32	357.69	11,521.79	780.26	-1,580.57	1,057.27	7.21	6.47	3.25	
LP 12006.80 MD/11521.79 TVD 780.26 N -1580.57 W N: 454420.1 E: 799174.6										
12,016.00	80.92	357.98	11,523.29	789.33	-1,580.91	1,066.25	7.21	6.49	3.18	
12,111.00	88.44	357.10	11,532.09	883.76	-1,584.98	1,159.82	7.97	7.92	-0.93	
12,206.00	91.25	2.72	11,532.35	978.71	-1,585.12	1,253.19	6.61	2.96	5.92	
12,229.00	91.12	3.69	11,531.88	1,001.67	-1,583.84	1,275.52	4.25	-0.57	4.22	
12,324.00	92.26	3.60	11,529.07	1,096.44	-1,577.80	1,367.56	1.20	1.20	-0.09	
12,419.00	91.43	3.25	11,526.02	1,191.22	-1,572.13	1,459.69	0.95	-0.87	-0.37	
12,514.00	89.98	2.11	11,524.85	1,286.10	-1,567.69	1,552.14	1.94	-1.53	-1.20	
12,609.00	90.64	2.11	11,524.33	1,381.04	-1,564.19	1,644.82	0.69	0.69	0.00	
12,704.00	89.54	0.53	11,524.18	1,476.01	-1,562.00	1,737.77	2.03	-1.16	-1.66	
12,799.00	93.49	1.14	11,521.67	1,570.94	-1,560.62	1,830.84	4.21	4.16	0.64	
12,894.00	95.16	1.23	11,514.51	1,665.65	-1,558.66	1,923.58	1.76	1.76	0.09	
12,989.00	93.41	0.79	11,507.41	1,760.37	-1,556.99	2,016.37	1.90	-1.84	-0.46	
13,084.00	90.95	358.59	11,503.80	1,855.28	-1,557.51	2,109.77	3.47	-2.59	-2.32	
13,179.00	91.56	357.80	11,501.72	1,950.21	-1,560.50	2,203.64	1.05	0.64	-0.83	
13,274.00	89.27	355.78	11,501.03	2,045.05	-1,565.82	2,297.84	3.21	-2.41	-2.13	
13,369.00	87.25	356.57	11,503.91	2,139.79	-1,572.15	2,392.13	2.28	-2.13	0.83	



Microsoft Survey Report

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit South 431H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)
13,463.00	86.73	358.15	11,508.85	2,233.55	-1,576.47	2,485.09	1.77	-0.55	1.68
13,558.00	89.23	358.86	11,512.20	2,328.46	-1,578.95	2,578.83	2.74	2.63	0.75
13,653.00	93.19	358.86	11,510.19	2,423.40	-1,580.84	2,672.51	4.17	4.17	0.00
13,748.00	94.11	359.12	11,504.14	2,518.19	-1,582.51	2,765.99	1.01	0.97	0.27
13,843.00	94.51	0.53	11,497.00	2,612.92	-1,582.80	2,859.16	1.54	0.42	1.48
13,938.00	92.13	359.82	11,491.50	2,707.75	-1,582.51	2,952.33	2.61	-2.51	-0.75
14,033.00	91.34	1.05	11,488.63	2,802.70	-1,581.79	3,045.53	1.54	-0.83	1.29
14,128.00	88.57	2.55	11,488.70	2,897.64	-1,578.81	3,138.31	3.32	-2.92	1.58
14,223.00	89.54	2.37	11,490.27	2,992.54	-1,574.73	3,230.85	1.04	1.02	-0.19
14,318.00	89.85	1.76	11,490.77	3,087.48	-1,571.31	3,323.54	0.72	0.33	-0.64
14,413.00	89.67	2.20	11,491.17	3,182.42	-1,568.03	3,416.27	0.50	-0.19	0.46
14,508.00	89.93	0.97	11,491.50	3,277.38	-1,565.40	3,509.13	1.32	0.27	-1.29
14,603.00	88.97	0.53	11,492.41	3,372.37	-1,564.15	3,602.27	1.11	-1.01	-0.46
14,698.00	89.45	1.05	11,493.72	3,467.35	-1,562.84	3,695.40	0.74	0.51	0.55
14,793.00	89.27	0.35	11,494.78	3,562.33	-1,561.68	3,788.55	0.76	-0.19	-0.74
14,888.00	90.77	0.79	11,494.75	3,657.33	-1,560.74	3,881.76	1.65	1.58	0.46
14,983.00	90.73	1.05	11,493.51	3,752.30	-1,559.21	3,974.84	0.28	-0.04	0.27
15,078.00	90.37	1.93	11,492.60	3,847.27	-1,556.74	4,067.73	1.00	-0.38	0.93
15,121.50	89.85	2.01	11,492.51	3,890.74	-1,555.25	4,110.19	1.21	-1.20	0.19
Cross Section Line 15121.50 MD/11492.51 TVD 3890.74 N -1555.25 W N: 457530.6 E: 799200.0									
15,173.00	89.23	2.11	11,492.93	3,942.21	-1,553.40	4,160.44	1.21	-1.20	0.19
15,268.00	85.49	0.97	11,497.30	4,037.05	-1,550.84	4,253.21	4.12	-3.94	-1.20
15,363.00	86.81	1.67	11,503.68	4,131.81	-1,548.66	4,345.95	1.57	1.39	0.74
15,458.00	86.33	0.18	11,509.37	4,226.62	-1,547.13	4,438.87	1.65	-0.51	-1.57
15,553.00	87.12	359.21	11,514.79	4,321.47	-1,547.63	4,532.19	1.32	0.83	-1.02
15,648.00	87.07	358.42	11,519.61	4,416.32	-1,549.60	4,625.80	0.83	-0.05	-0.83
15,743.00	87.69	358.33	11,523.95	4,511.19	-1,552.29	4,719.54	0.66	0.65	-0.09
15,838.00	88.75	358.33	11,526.90	4,606.10	-1,555.05	4,813.35	1.12	1.12	0.00
15,933.00	87.82	358.59	11,529.74	4,701.02	-1,557.61	4,907.12	1.02	-0.98	0.27
16,028.00	86.86	358.77	11,534.15	4,795.89	-1,559.79	5,000.78	1.03	-1.01	0.19
16,123.00	85.63	358.51	11,540.37	4,890.66	-1,562.04	5,094.35	1.32	-1.29	-0.27
16,218.00	85.71	357.98	11,547.55	4,985.34	-1,564.94	5,187.96	0.56	0.08	-0.56
16,313.00	85.63	357.45	11,554.72	5,080.00	-1,568.72	5,281.69	0.56	-0.08	-0.56
16,408.00	86.37	357.45	11,561.35	5,174.67	-1,572.94	5,375.53	0.78	0.78	0.00
16,503.00	87.08	357.45	11,566.77	5,269.42	-1,577.16	5,469.45	0.75	0.75	0.00
16,598.00	88.48	357.10	11,570.45	5,364.24	-1,581.67	5,563.48	1.52	1.47	-0.37
16,693.00	91.12	357.19	11,570.79	5,459.11	-1,586.40	5,657.61	2.78	2.78	0.09
16,788.00	91.47	357.54	11,568.64	5,553.99	-1,590.77	5,751.67	0.52	0.37	0.37
16,883.00	85.32	356.92	11,571.30	5,648.79	-1,595.35	5,845.71	6.51	-6.47	-0.65
16,978.00	86.73	358.42	11,577.88	5,743.48	-1,599.21	5,939.49	2.16	1.48	1.58
17,073.00	85.71	356.84	11,584.15	5,838.19	-1,603.12	6,033.31	1.98	-1.07	-1.66
17,168.00	90.37	358.33	11,587.40	5,933.02	-1,607.12	6,127.26	5.15	4.91	1.57
17,263.00	89.36	358.68	11,587.62	6,027.99	-1,609.60	6,221.07	1.13	-1.06	0.37



Microsoft Survey Report

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit South 431H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100ft)	Build Rate (°/100ft)	Turn Rate (°/100ft)	
17,358.00	91.91	358.95	11,586.57	6,122.95	-1,611.56	6,314.78	2.70	2.68	0.28	
17,453.00	91.65	359.74	11,583.62	6,217.90	-1,612.65	6,408.31	0.88	-0.27	0.83	
17,548.00	92.44	0.97	11,580.23	6,312.83	-1,612.06	6,501.52	1.54	0.83	1.29	
17,643.00	89.17	3.69	11,578.89	6,407.72	-1,608.20	6,594.09	4.48	-3.44	2.86	
17,738.00	90.59	1.14	11,579.09	6,502.63	-1,604.20	6,686.65	3.07	1.49	-2.68	
17,833.00	88.53	2.81	11,579.82	6,597.56	-1,600.92	6,779.36	2.79	-2.17	1.76	
17,897.00	87.78	4.39	11,581.88	6,661.40	-1,596.91	6,841.38	2.73	-1.17	2.47	
17,928.00	86.20	3.25	11,583.51	6,692.29	-1,594.85	6,871.36	6.28	-5.10	-3.68	
18,023.00	86.55	2.25	11,589.51	6,786.99	-1,590.30	6,963.61	1.11	0.37	-1.05	
18,118.00	87.69	359.94	11,594.29	6,881.84	-1,588.48	7,056.52	2.71	1.20	-2.43	
18,213.00	88.26	358.62	11,597.64	6,976.77	-1,589.68	7,150.06	1.51	0.60	-1.39	
18,259.00	85.71	358.36	11,600.06	7,022.69	-1,590.89	7,195.41	5.57	-5.54	-0.57	
18,308.00	87.47	359.53	11,602.98	7,071.59	-1,591.79	7,243.65	4.31	3.59	2.39	
18,355.00	87.34	0.03	11,605.11	7,118.54	-1,591.97	7,289.83	1.10	-0.28	1.06	
18,403.00	82.51	359.42	11,609.35	7,166.34	-1,592.20	7,336.86	10.14	-10.06	-1.27	
18,451.00	82.86	1.56	11,615.46	7,213.94	-1,591.79	7,383.58	4.48	0.73	4.46	
18,498.00	85.10	1.33	11,620.39	7,260.67	-1,590.61	7,429.29	4.79	4.77	-0.49	
18,545.00	86.20	1.48	11,623.96	7,307.52	-1,589.46	7,475.13	2.36	2.34	0.32	
18,593.00	90.73	1.63	11,625.24	7,355.47	-1,588.16	7,522.03	9.44	9.44	0.31	
18,640.00	92.35	2.92	11,623.98	7,402.41	-1,586.30	7,567.83	4.41	3.45	2.74	
18,688.00	90.42	2.39	11,622.82	7,450.34	-1,584.07	7,614.54	4.17	-4.02	-1.10	
18,783.00	87.69	359.31	11,624.39	7,545.30	-1,582.66	7,707.63	4.33	-2.87	-3.24	
18,878.00	86.42	359.23	11,629.27	7,640.17	-1,583.87	7,801.10	1.34	-1.34	-0.08	
18,973.00	88.92	359.49	11,633.13	7,735.07	-1,584.93	7,894.59	2.65	2.63	0.27	
19,068.00	89.49	359.49	11,634.45	7,830.06	-1,585.78	7,988.11	0.60	0.60	0.00	
19,163.00	92.84	359.05	11,632.52	7,925.02	-1,586.99	8,081.68	3.56	3.53	-0.46	
19,258.00	94.81	358.00	11,626.18	8,019.77	-1,589.43	8,175.27	2.35	2.07	-1.11	
19,352.00	95.34	358.70	11,617.86	8,113.36	-1,592.12	8,267.76	0.93	0.56	0.74	
19,447.00	93.63	359.67	11,610.43	8,208.06	-1,593.47	8,361.09	2.07	-1.80	1.02	
19,542.00	93.71	358.96	11,604.35	8,302.85	-1,594.60	8,454.49	0.75	0.08	-0.75	
19,637.00	91.65	356.77	11,599.91	8,397.67	-1,598.14	8,548.34	3.16	-2.17	-2.31	
19,732.00	92.70	356.85	11,596.31	8,492.46	-1,603.42	8,642.48	1.11	1.11	0.08	
19,792.00	93.89	357.12	11,592.86	8,552.27	-1,606.57	8,701.86	2.03	1.98	0.45	
Last MWD Survey 19792 MD/11592.86 TVD 8552.27 N -1606.57 W N: 462192.1 E: 799148.6										
19,856.00	93.89	357.12	11,588.52	8,616.05	-1,609.78	8,765.14	0.00	0.00	0.00	
PTB 19856 MD/11588.52 TVD 8616.05 N -1609.78 W N: 462255.9 E: 799145.4										

**PANTHER**
Microsoft
 Survey Report

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit South 431H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3596.4+23 @ 3619.40usft
Site:	Sec 5-T24S-R34E	MD Reference:	3596.4+23 @ 3619.40usft
Well:	Bell Lake Unit South 431H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
214.00	214.00	-0.21	-0.52	1st MWD Survey
12,006.80	11,521.79	780.26	-1,580.57	LP 12006.80 MD/11521.79 TVD 780.26 N -1580.57 W N: 454420.1 E: 799174.6
15,121.50	11,492.51	3,890.74	-1,555.25	Cross Section Line 15121.50 MD/11492.51 TVD 3890.74 N -1555.25 W N: 457914.5
19,792.00	11,592.86	8,552.27	-1,606.57	Last MWD Survey 19792 MD/11592.86 TVD 8552.27 N -1606.57 W N: 462192.5
19,856.00	11,588.52	8,616.05	-1,609.78	PTB 19856 MD/11588.52 TVD 8616.05 N -1609.78 W N: 462255.9 E: 799145.4

Checked By: _____ Approved By: _____ Date: _____

State of New Mexico
Energy, Minerals and Natural Resources

District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
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District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO. 30-025-46889
5. Indicate Type of Lease STATE ☐ FEE ☐ Federal ☐
6. State Oil & Gas Lease No. -
7. Lease Name or Unit Agreement Name Bell Lake Unit South
8. Well Number 431H
9. OGRID Number 12361
10. Pool name or Wildcat Bell Lake; Wolfcamp, South
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3596 GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Kaiser-Francis Oil Company

3. Address of Operator
P. O. Box 21468, Tulsa, OK 74121-1468

4. Well Location
Unit Letter K : 1832 feet from the South line and 1945 feet from the West line
Section 5 Township 24S Range 34E NMPM Lea County

11. Elevation (Show whether DR, RKB, RT, GR, etc.)
3596 GR

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Completion began 6/29/2020

Completion finished 8/28/2020

- MIRU WL.
- TCP'd first stage @ 19540' - 19662'. Broke down perms.
- Stage frac'd lateral 12130' - 19662' in 43 stages w/439907 bbls fluid + 21193069# sd.
- Drilled out plugs and cleaned out lateral to PBTD w/coiled tbq. Flowed well back.

Spud Date:

3/24/2020

Rig Release Date:

4/15/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE C. Jan Valkenburg TITLE Mgr., Regulatory Compliance DATE 11/20/2020

Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____
Conditions of Approval (if any):

Two Copies
District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form 103
Revised April 3, 2017

1. WELL API NO. 30-025-46889

2. Type of Lease
☐ STATE ☐ FEE ☒ FED/INDIAN

3. State Oil & Gas Lease No. -

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

4. Reason for filing:

☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only)

☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)

7. Type of Completion:

☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER

8. Name of Operator

Kaiser-Francis Oil Company

5. Lease Name or Unit Agreement Name
Bell Lake Unit South

6. Well Number:

431H

10. Address of Operator

P. O. Box 21468, Tulsa, OK 74121-1468

9. OGRID

12361

11. Pool name or Wildcat

Bell Lake; Wolfcamp, South

12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	K	05	24S	34E	K	1832	South	1945	West	Lea
BH:	D	32	23S	34E	D	107	North	420	West	Lea

13. Date Spudded 3/24/2020	14. Date T.D. Reached 4/12/2020	15. Date Rig Released 4/15/2020	16. Date Completed (Ready to Produce) 8/28/2020	17. Elevations (DF and RKB, RT, GR, etc.) 3596 GR
-------------------------------	------------------------------------	------------------------------------	--	--

18. Total Measured Depth of Well 19856 (MD) 11590 (TVD)	19. Plug Back Measured Depth 19696 (MD) 11598 (TVD)	20. Was Directional Survey Made? Yes	21. Type Electric and Other Logs Run None
--	--	---	--

22. Producing Interval(s), of this completion - Top, Bottom, Name

12130' - 19662'

Wolfcamp

23. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8	54.5	1365	17 1/2	1135 sxs	-0-
10 3/4	45.5	5240	12 1/4	795 sxs	-0-
7 5/8	29.7	11020	9 7/8	1215 sxs	-0-
5 1/2	20	19831	6 1/2	1575 sxs	-0-

24. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
None	-	-	-	-

25. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
None	-	None

26. Perforation record (interval, size, and number)

12130 - 19662 .42 1950

27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
12130 - 19662	439907 bbls fluid + 21193069# sd

28. PRODUCTION

Date First Production	Production Method (Flowing, gas lift, pumping - Size and type pump)	Well Status (Prod. or Shut-in)
8/31/2020	Flowing	Producing

Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
9/10/2020	24	22		1214	3091	1650	2546

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)
-	3850		1214	3091	1650	46.

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Test Witnessed By

-

31. List Attachments

C-104 NW, C-103 Casing detail, C-103 completion, Final survey, drilled w/HST

32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.

33. Rig Release Date:

34. If an on-site burial was used at the well, report the exact location of the on-site burial:

Latitude

Longitude

NAD83

I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief

Signature *Charlotte Van Valkenburg*
E-mail Address Charlottev@kfoc.net

Printed Name Charlotte Van Valkenburg

Title Mgr., Regulatory Compliance

Date 4/1/2021

INSTRUCTIONS

Bell Lake Unit South 431H

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy	T. Canyon		T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn		T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka		T. Fruitland	T. Penn. "C"
T. Yates	T. Miss		T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian		T. Cliff House	T. Leadville
T. Queen	T. Silurian		T. Menefee	T. Madison
T. Grayburg	T. Montoya		T. Point Lookout	T. Elbert
T. San Andres	T. Simpson		T. Mancos	T. McCracken
T. Glorieta	T. McKee		T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger		Base Greenhorn	T. Granite
T. Blinbry	T. Gr. Wash		T. Dakota	
T. Tubb	T. Delaware Sand	5257	T. Morrison	
T. Drinkard	T. Bone Springs 1st	9943	T. Todilto	
T. Abo	T. Up Avalon	8906	T. Entrada	
T. Wolfcamp	T. 2 Bone Sprg	10513	T. Wingate	
T. Penn	T. 3 Bone Sprg	10552	T. Chinle	
T. Cisco (Bough C)	T.		T. Permian	

OIL OR GAS
SANDS OR ZONES

No. 1, from.....12130.....to.....19662..... No. 3, from.....to.....
 No. 2, from.....to..... No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....Unk.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
5257			Delaware				
8906			Up Avalon				
9943			1st Bone Spring				
10513			2nd Bone Spring				
10552			3rd Bone Spring				
11965			Wolfcamp				

State of New Mexico
 Energy, Minerals and Natural Resources

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 District IV - (505) 476-3460
 1220 S. St. Francis Dr., Santa Fe, NM 87505

OIL CONSERVATION DIVISION
 1220 South St. Francis Dr.
 Santa Fe, NM 87505

WELL API NO. 30-025-46889
5. Indicate Type of Lease STATE ☐ FEE ☐ Federal ☐
6. State Oil & Gas Lease No. -
7. Lease Name or Unit Agreement Name Bell Lake Unit South
8. Well Number 431H
9. OGRID Number 12361
10. Pool name or Wildcat Bell Lake; Wolfcamp, South
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3596 GR

SUNDRY NOTICES AND REPORTS ON WELLS
 (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Kaiser-Francis Oil Company

3. Address of Operator
P. O. Box 21468, Tulsa, OK 74121-1468

4. Well Location
 Unit Letter K : 1832 feet from the South line and 1945 feet from the West line
 Section 5 Township 24S Range 34E NMPM Lea County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: Casing detail ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

3/26/2020 13 3/8", 54.5#, J55 set @ 1365' & cmt'd w/1135 sx. TOC @ surf. Pressure tested to 1500# - good.
 3/28/2020 10 3/4", 45.5, L80 set @ 5240' & cmt'd w/795 sx. TOC @ surf. Pressure tested to 1500# - good.
 4/01/2020 7 5/8", 29.7#, P110 set @ 11020' & cmt'd w/1215 sx. TOC @ surf. Pressure tested to 2600# - good.
 4/14/2020 5 1/2", 20#, P110 set @ 19831' & cmt'd w/1575 sx. TOC @ surf. Pressure tested to 10,000# - good.

Spud Date:

3/24/2020

Rig Release Date:

4/15/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Charlotte Van Valkenburg TITLE Mgr., Regulatory Compliance DATE 11/20/2020

Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

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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

ACKNOWLEDGMENTS

Action 22613

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 22613
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☐	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☐	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

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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

CONDITIONS

Action 22613

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 22613
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/6/2021