

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

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 - 025-46886	⁵ Pool Name Ojo Chiso; Bone Spring, Southwest		⁶ Pool Code 98259
⁷ Property Code 316707	⁸ Property Name Bell Lake Unit North		⁹ Well Number 236H

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
I	5	23S	34E		2075	South	1275	East	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
A	32	22S	34E		93	North	807	East	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 3/11/21	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

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

²¹ Spud Date 9/19/20	²² Ready Date 3/11/21	²³ TD 18,337 'MD	²⁴ PBDT 18,242 'MD	²⁵ Perforations 10,600' - 18,210'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size	²⁹ Depth Set		³⁰ Sacks Cement
17-1/2"		13-3/8"	1,504		870 SX
12-1/4"		9-5/8"	4,885		1,225 SX
8-3/4"		5-1/2"	18,316		3,355 SX

V. Well Test Data

³¹ Date New Oil 3/30/21	³² Gas Delivery Date 3/30/21	³³ Test Date 5/4/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 1120
³⁷ Choke Size 26/64	³⁸ Oil 751	³⁹ Water 1367	⁴⁰ Gas 983		⁴¹ Test Method
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:			OIL CONSERVATION DIVISION Approved by: Title: Approval Date:		
Printed name: Erica Miles					
Title: Geosciences Technician					
E-mail Address: EricaM@kfoc.net					
Date: 6/4/21	Phone:918-491-4548				

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 30-025-46886	² Pool Code 98259	³ Pool Name Ojo Chiso; Bone Spring, Southwest
⁴ Property Code 316707	⁵ Property Name BELL LAKE UNIT NORTH	⁶ Well Number 236H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 3424.5

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
I	5	23 S	34 E		2075	SOUTH	1275	EAST	LEA

¹¹ 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
A	32	22 S	34 E		93	NORTH	807	EAST	LEA

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14527A
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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. = 32.3554203°N LONG. = 103.5006833°W NMSP EAST (FT) N = 494033.60 E = 798452.33 W/4 CORNER SEC. 32 LAT. = 32.3481622°N LONG. = 103.5006950°W NMSP EAST (FT) N = 491393.03 E = 798469.27 SECTION CORNER LAT. = 32.3409038°N LONG. = 103.5007079°W NMSP EAST (FT) N = 488752.37 E = 798485.80 W/4 CORNER SEC. 5 LAT. = 32.3336332°N LONG. = 103.5007116°W NMSP EAST (FT) N = 486107.27 E = 798505.21 SW CORNER SEC. 5 LAT. = 32.3263820°N LONG. = 103.5007113°W NMSP EAST (FT) N = 483469.26 E = 798525.81		N/4 CORNER SEC. 32 LAT. = 32.3554204°N LONG. = 103.4921455°W NMSP EAST (FT) N = 494054.25 E = 801088.82 LAST TAKE POINT 221' FNL, 794' FEL LAT. = 32.3548083°N LONG. = 103.4861700°W QUARTER CORNER LAT. = 32.3409059°N LONG. = 103.4921626°W NMSP EAST (FT) N = 488773.75 E = 801125.01 S/4 CORNER SEC. 5 LAT. = 32.3263863°N LONG. = 103.4921612°W NMSP EAST (FT) N = 483491.46 E = 801166.91		NE CORNER SEC. 32 LAT. = 32.3554151°N LONG. = 103.4835984°W NMSP EAST (FT) N = 494073.15 E = 803728.18 E/4 CORNER SEC. 32 LAT. = 32.3481668°N LONG. = 103.4836113°W NMSP EAST (FT) N = 491436.17 E = 803744.47 SECTION CORNER LAT. = 32.3409079°N LONG. = 103.4836160°W NMSP EAST (FT) N = 488795.34 E = 803764.63 E/4 CORNER SEC. 5 LAT. = 32.3336418°N LONG. = 103.4836111°W NMSP EAST (FT) N = 486151.88 E = 803787.12 SE CORNER SEC. 5 LAT. = 32.3263890°N LONG. = 103.4835961°W NMSP EAST (FT) N = 483513.32 E = 803812.68		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. 6/4/21 Signature _____ Date _____ Erica Miles Printed Name _____ EricaM@kfoc.net E-mail Address _____
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. MARCH 19, 2021 Date of Survey _____ Signature and Seal of Professional Surveyor:  Certificate Number: 12797		AS-DRILLED BELL LAKE UNIT NORTH 236H ELEV. = 3424.5' LAT. = 32.3320902°N (NAD83) LONG. = 103.4877346°W NMSP EAST (FT) N = 485577.35 E = 802517.91 FIRST TAKE POINT 2540' FNL, 832' FEL LAT. = 32.3339264°N LONG. = 103.4862651°W KICK OFF POINT 2114' FSL, 817' FEL LAT. = 32.3321987°N LONG. = 103.4862526°W BOTTOM OF HOLE LAT. = 32.3551609°N LONG. = 103.4862104°W NMSP EAST (FT) N = 493974.30 E = 802922.33 FEET FROM THE SURFACE LOCATION 1275'				

Intent ☐ As Drilled ☒

API # 30-025-46886		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: BELL LAKE UNIT NORTH	Well Number 236H

Kick Off Point (KOP)

UL I	Section 5	Township 23S	Range 34E	Lot	Feet 2114	From N/S SOUTH	Feet 817	From E/W EAST	County LEA
Latitude 32.3321987					Longitude 103.4862526				NAD 83

First Take Point (FTP)

UL H	Section 5	Township 23S	Range 34E	Lot	Feet 2540	From N/S NORTH	Feet 832	From E/W EAST	County LEA
Latitude 32.3339264					Longitude 103.4862651				NAD 83

Last Take Point (LTP)

UL A	Section 32	Township 22S	Range 34E	Lot	Feet 221	From N/S NORTH	Feet 794	From E/W EAST	County LEA
Latitude 32.3548083					Longitude 103.4861700				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☒

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-46744		
Operator Name: Kaiser-Francis Oil Company	Property Name: Bell Lake Unit North	Well Number 234H

KZ 06/29/2018



KAISER FRANCIS OIL CO.

LEA COUNTY, N.M. 83

SEC 5-T23S-R34E

BELL LAKE UNIT N. 236H

HORIZONTAL

Survey: Survey #1

EOW SURVEY REPORT

22 October, 2020

Kaiser-Francis Oil Company



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 236H
Project:	LEA COUNTY, N.M. 83	TVD Reference:	GE+23' @ 3447.50usft (CAC 166)
Site:	SEC 5-T23S-R34E	MD Reference:	GE+23' @ 3447.50usft (CAC 166)
Well:	BELL LAKE UNIT N. 236H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Project	LEA COUNTY, N.M. 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-T23S-R34E		
Site Position:		Northing:	485,577.35 usft
From:	Map	Easting:	802,517.91 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.33209
		Longitude:	-103.48773
		Grid Convergence:	0.45 °

Well	BELL LAKE UNIT N. 236H		
Well Position	+N/-S	0.00 usft	Northing: 485,577.35 usft
	+E/-W	0.00 usft	Easting: 802,517.91usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,424.50 usft
		Latitude:	32.33209
		Longitude:	-103.48773
		Ground Level:	3,424.50usft

Wellbore	HORIZONTAL		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	09/01/20	6.61
			Dip Angle (°) 60.04
			Field Strength (nT) 47,648.46461995

Design	HORIZONTAL		
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 (°) 0.07

Survey Program	Date 10/22/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name
140.00	18,337.00	Survey #1 (HORIZONTAL)	MWD
			Description OWSG MWD - Standard



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
0.00	0.00	0.00	0.00	0.00	0.00	485,577.35	802,517.91	0.00	32.33209	-103.48773
140.00	0.53	243.19	140.00	-0.29	-0.58	485,577.06	802,517.33	-0.29	32.33209	-103.48774
231.00	0.84	229.22	230.99	-0.92	-1.46	485,576.43	802,516.45	-0.92	32.33209	-103.48774
326.00	0.75	213.75	325.98	-1.89	-2.33	485,575.46	802,515.58	-1.89	32.33209	-103.48774
418.00	0.62	196.61	417.98	-2.87	-2.81	485,574.48	802,515.10	-2.87	32.33208	-103.48774
509.00	0.40	111.44	508.97	-3.45	-2.65	485,573.90	802,515.26	-3.46	32.33208	-103.48774
601.00	0.84	84.11	600.97	-3.50	-1.68	485,573.85	802,516.23	-3.51	32.33208	-103.48774
693.00	1.01	75.14	692.96	-3.23	-0.23	485,574.12	802,517.68	-3.23	32.33208	-103.48774
785.00	0.70	80.42	784.95	-2.92	1.11	485,574.43	802,519.02	-2.92	32.33208	-103.48773
877.00	0.80	0.00	876.94	-2.19	1.66	485,575.16	802,519.57	-2.19	32.33208	-103.48773
969.00	1.01	275.36	968.93	-1.47	0.86	485,575.88	802,518.77	-1.47	32.33209	-103.48773
1,060.00	1.41	270.96	1,059.91	-1.38	-1.06	485,575.97	802,516.85	-1.38	32.33209	-103.48774
1,153.00	1.36	275.89	1,152.88	-1.24	-3.30	485,576.11	802,514.61	-1.25	32.33209	-103.48775
1,245.00	1.14	272.90	1,244.86	-1.09	-5.30	485,576.26	802,512.61	-1.09	32.33209	-103.48775
1,335.00	0.75	271.93	1,334.85	-1.02	-6.79	485,576.33	802,511.12	-1.03	32.33209	-103.48776
1,426.00	0.62	258.48	1,425.84	-1.10	-7.86	485,576.25	802,510.05	-1.11	32.33209	-103.48776
1,513.00	0.48	237.92	1,512.84	-1.39	-8.63	485,575.96	802,509.28	-1.40	32.33209	-103.48776
1,607.00	2.59	192.04	1,606.80	-3.67	-9.41	485,573.68	802,508.50	-3.69	32.33208	-103.48777
1,701.00	2.81	191.42	1,700.70	-8.01	-10.31	485,569.34	802,507.60	-8.02	32.33207	-103.48777
1,795.00	2.46	187.03	1,794.60	-12.27	-11.01	485,565.08	802,506.90	-12.28	32.33206	-103.48777
1,889.00	1.71	157.67	1,888.54	-15.57	-10.73	485,561.78	802,507.18	-15.58	32.33205	-103.48777
1,984.00	2.15	122.69	1,983.49	-17.84	-8.69	485,559.51	802,509.22	-17.85	32.33204	-103.48776
2,078.00	3.16	82.70	2,077.39	-18.47	-4.64	485,558.88	802,513.27	-18.47	32.33204	-103.48775
2,172.00	4.66	63.89	2,171.17	-16.46	1.36	485,560.89	802,519.27	-16.45	32.33204	-103.48773
2,266.00	6.29	63.54	2,264.74	-12.48	9.40	485,564.87	802,527.31	-12.47	32.33206	-103.48770
2,361.00	6.55	62.75	2,359.15	-7.68	18.88	485,569.67	802,536.79	-7.66	32.33207	-103.48767
2,456.00	6.42	61.26	2,453.54	-2.65	28.35	485,574.70	802,546.26	-2.61	32.33208	-103.48764



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
2,550.00	6.33	62.58	2,546.96	2.27	37.56	485,579.62	802,555.47	2.31	32.33210	-103.48761
2,644.00	5.89	68.11	2,640.42	6.45	46.64	485,583.80	802,564.55	6.51	32.33211	-103.48758
2,739.00	6.37	79.19	2,734.88	9.26	56.34	485,586.61	802,574.25	9.33	32.33211	-103.48755
2,833.00	6.81	89.56	2,828.27	10.28	67.03	485,587.63	802,584.94	10.36	32.33212	-103.48752
2,927.00	6.86	95.18	2,921.60	9.81	78.20	485,587.16	802,596.11	9.91	32.33212	-103.48748
3,021.00	6.33	98.08	3,014.98	8.58	88.92	485,585.93	802,606.83	8.69	32.33211	-103.48745
3,116.00	6.99	96.68	3,109.34	7.17	99.84	485,584.52	802,617.75	7.29	32.33211	-103.48741
3,211.00	8.31	86.75	3,203.49	6.89	112.44	485,584.24	802,630.35	7.03	32.33211	-103.48737
3,305.00	8.97	83.14	3,296.43	8.15	126.50	485,585.50	802,644.41	8.31	32.33211	-103.48732
3,399.00	8.92	84.02	3,389.28	9.78	141.02	485,587.13	802,658.93	9.96	32.33211	-103.48728
3,494.00	7.38	82.61	3,483.32	11.33	154.40	485,588.68	802,672.31	11.53	32.33212	-103.48723
3,589.00	6.95	81.21	3,577.58	13.00	166.13	485,590.35	802,684.04	13.20	32.33212	-103.48720
3,684.00	6.59	79.63	3,671.92	14.86	177.17	485,592.21	802,695.08	15.08	32.33213	-103.48716
3,778.00	6.24	79.89	3,765.33	16.72	187.51	485,594.07	802,705.42	16.96	32.33213	-103.48713
3,873.00	5.76	79.80	3,859.81	18.47	197.28	485,595.82	802,715.19	18.72	32.33214	-103.48710
3,967.00	6.11	78.13	3,953.30	20.34	206.82	485,597.69	802,724.73	20.60	32.33214	-103.48706
4,062.00	5.93	76.37	4,047.78	22.54	216.54	485,599.89	802,734.45	22.81	32.33215	-103.48703
4,156.00	5.89	77.43	4,141.28	24.73	225.96	485,602.08	802,743.87	25.01	32.33215	-103.48700
4,250.00	5.89	76.20	4,234.78	26.93	235.35	485,604.28	802,753.26	27.22	32.33216	-103.48697
4,344.00	5.98	76.02	4,328.28	29.26	244.79	485,606.61	802,762.70	29.57	32.33217	-103.48694
4,439.00	5.54	76.02	4,422.80	31.57	254.04	485,608.92	802,771.95	31.88	32.33217	-103.48691
4,533.00	5.23	77.96	4,516.38	33.56	262.63	485,610.91	802,780.54	33.88	32.33218	-103.48688
4,628.00	4.97	77.34	4,611.01	35.36	270.88	485,612.71	802,788.79	35.70	32.33218	-103.48686
4,722.00	4.88	76.64	4,704.66	37.18	278.75	485,614.53	802,796.66	37.53	32.33219	-103.48683
4,817.00	5.01	78.57	4,799.31	38.93	286.74	485,616.28	802,804.65	39.29	32.33219	-103.48681
4,840.00	5.01	80.24	4,822.22	39.30	288.72	485,616.65	802,806.63	39.66	32.33219	-103.48680
4,923.00	4.79	81.30	4,904.92	40.44	295.72	485,617.79	802,813.63	40.81	32.33219	-103.48678



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
5,018.00	4.75	82.61	4,999.59	41.55	303.54	485,618.90	802,821.45	41.93	32.33220	-103.48675
5,112.00	4.31	81.03	5,093.29	42.60	310.89	485,619.95	802,828.80	42.99	32.33220	-103.48673
5,207.00	4.35	79.45	5,188.02	43.81	317.95	485,621.16	802,835.86	44.21	32.33220	-103.48670
5,302.00	7.21	85.78	5,282.53	44.91	327.44	485,622.26	802,845.35	45.32	32.33221	-103.48667
5,397.00	6.95	84.72	5,376.81	45.88	339.11	485,623.23	802,857.02	46.30	32.33221	-103.48664
5,492.00	6.42	82.00	5,471.16	47.15	350.09	485,624.50	802,868.00	47.59	32.33221	-103.48660
5,586.00	6.29	81.38	5,564.58	48.65	360.39	485,626.00	802,878.30	49.10	32.33222	-103.48657
5,681.00	6.07	81.65	5,659.03	50.16	370.51	485,627.51	802,888.42	50.62	32.33222	-103.48653
5,776.00	5.80	79.28	5,753.52	51.78	380.19	485,629.13	802,898.10	52.26	32.33222	-103.48650
5,871.00	5.71	76.02	5,848.04	53.82	389.49	485,631.17	802,907.40	54.30	32.33223	-103.48647
5,966.00	5.67	74.27	5,942.57	56.23	398.60	485,633.58	802,916.51	56.73	32.33224	-103.48644
6,060.00	5.63	72.16	6,036.12	58.90	407.46	485,636.25	802,925.37	59.41	32.33224	-103.48641
6,155.00	5.36	80.51	6,130.68	61.06	416.27	485,638.41	802,934.18	61.58	32.33225	-103.48639
6,250.00	5.71	83.23	6,225.24	62.35	425.34	485,639.70	802,943.25	62.88	32.33225	-103.48636
6,344.00	4.04	85.69	6,318.90	63.15	433.28	485,640.50	802,951.19	63.69	32.33225	-103.48633
6,439.00	3.38	88.94	6,413.70	63.46	439.42	485,640.81	802,957.33	64.00	32.33226	-103.48631
6,533.00	3.34	86.92	6,507.54	63.65	444.93	485,641.00	802,962.84	64.21	32.33226	-103.48629
6,628.00	3.16	85.52	6,602.38	64.01	450.30	485,641.36	802,968.21	64.57	32.33226	-103.48628
6,722.00	2.99	82.35	6,696.25	64.54	455.31	485,641.89	802,973.22	65.10	32.33226	-103.48626
6,816.00	3.08	75.85	6,790.12	65.48	460.19	485,642.83	802,978.10	66.05	32.33226	-103.48624
6,911.00	2.86	81.21	6,884.99	66.47	465.01	485,643.82	802,982.92	67.05	32.33226	-103.48623
7,005.00	2.55	79.63	6,978.88	67.20	469.38	485,644.55	802,987.29	67.79	32.33226	-103.48621
7,100.00	2.42	74.53	7,073.79	68.12	473.39	485,645.47	802,991.30	68.71	32.33227	-103.48620
7,194.00	0.53	165.67	7,167.77	68.22	475.41	485,645.57	802,993.32	68.82	32.33227	-103.48619
7,288.00	0.84	191.60	7,261.76	67.13	475.38	485,644.48	802,993.29	67.72	32.33226	-103.48619
7,383.00	1.10	207.51	7,356.75	65.64	474.82	485,642.99	802,992.73	66.23	32.33226	-103.48620
7,478.00	1.10	208.21	7,451.73	64.02	473.97	485,641.37	802,991.88	64.62	32.33226	-103.48620



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
7,573.00	0.97	220.52	7,546.71	62.61	473.02	485,639.96	802,990.93	63.20	32.33225	-103.48620
7,667.00	0.92	217.00	7,640.70	61.40	472.05	485,638.75	802,989.96	61.99	32.33225	-103.48620
7,762.00	1.19	209.88	7,735.68	59.94	471.09	485,637.29	802,989.00	60.53	32.33224	-103.48621
7,856.00	1.05	200.21	7,829.67	58.28	470.31	485,635.63	802,988.22	58.87	32.33224	-103.48621
7,951.00	1.14	222.62	7,924.65	56.77	469.37	485,634.12	802,987.28	57.36	32.33224	-103.48621
8,045.00	0.97	226.40	8,018.63	55.53	468.16	485,632.88	802,986.07	56.12	32.33223	-103.48622
8,139.00	0.92	223.15	8,112.62	54.43	467.07	485,631.78	802,984.98	55.02	32.33223	-103.48622
8,233.00	0.79	216.30	8,206.61	53.36	466.17	485,630.71	802,984.08	53.94	32.33223	-103.48622
8,328.00	0.79	207.16	8,301.60	52.25	465.48	485,629.60	802,983.39	52.83	32.33222	-103.48623
8,423.00	0.70	203.99	8,396.59	51.14	464.95	485,628.49	802,982.86	51.72	32.33222	-103.48623
8,515.00	0.88	215.86	8,488.58	50.05	464.31	485,627.40	802,982.22	50.63	32.33222	-103.48623
8,611.00	0.92	254.70	8,584.57	49.25	463.13	485,626.60	802,981.04	49.83	32.33222	-103.48623
8,706.00	0.79	267.01	8,679.56	49.02	461.74	485,626.37	802,979.65	49.59	32.33221	-103.48624
8,801.00	0.79	285.29	8,774.55	49.15	460.45	485,626.50	802,978.36	49.73	32.33222	-103.48624
8,895.00	0.79	246.36	8,868.54	49.07	459.24	485,626.42	802,977.15	49.64	32.33222	-103.48625
8,990.00	0.79	247.50	8,963.54	48.55	458.03	485,625.90	802,975.94	49.12	32.33221	-103.48625
9,084.00	0.75	272.28	9,057.53	48.33	456.82	485,625.68	802,974.73	48.90	32.33221	-103.48625
9,165.00	0.44	308.58	9,138.52	48.54	456.04	485,625.89	802,973.95	49.11	32.33221	-103.48626
9,259.00	0.04	238.01	9,232.52	48.75	455.73	485,626.10	802,973.64	49.32	32.33221	-103.48626
9,354.00	0.97	167.96	9,327.52	47.95	455.87	485,625.30	802,973.78	48.52	32.33221	-103.48626
9,448.00	1.67	158.90	9,421.49	45.89	456.53	485,623.24	802,974.44	46.46	32.33221	-103.48626
9,543.00	1.93	161.89	9,516.45	43.08	457.53	485,620.43	802,975.44	43.65	32.33220	-103.48625
9,638.00	4.75	352.18	9,611.36	45.46	457.49	485,622.81	802,975.40	46.03	32.33221	-103.48625
9,733.00	16.97	354.20	9,704.48	63.22	455.55	485,640.57	802,973.46	63.78	32.33225	-103.48626
9,826.00	22.64	2.55	9,791.97	94.63	454.97	485,671.98	802,972.88	95.20	32.33234	-103.48626
9,922.00	29.36	352.26	9,878.24	136.48	452.62	485,713.83	802,970.53	137.04	32.33246	-103.48627
10,017.00	35.16	349.36	9,958.55	186.49	444.43	485,763.84	802,962.34	187.04	32.33259	-103.48629



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
10,111.00	41.93	352.44	10,032.03	244.29	435.28	485,821.64	802,953.19	244.84	32.33275	-103.48632
10,205.00	47.91	357.27	10,098.58	310.34	429.48	485,887.69	802,947.39	310.88	32.33293	-103.48634
10,300.00	59.91	5.01	10,154.50	386.85	431.40	485,964.20	802,949.31	387.39	32.33314	-103.48633
10,395.00	70.37	7.91	10,194.39	472.36	441.18	486,049.71	802,959.09	472.91	32.33338	-103.48629
10,488.00	77.54	2.28	10,220.09	561.29	449.03	486,138.64	802,966.94	561.85	32.33362	-103.48627
10,537.00	80.26	359.29	10,229.53	609.36	449.68	486,186.71	802,967.59	609.92	32.33376	-103.48626
10,583.00	81.49	358.77	10,236.82	654.77	448.91	486,232.12	802,966.82	655.33	32.33388	-103.48626
10,671.00	89.98	359.73	10,243.36	742.44	447.77	486,319.79	802,965.68	742.99	32.33412	-103.48627
10,766.00	91.12	359.12	10,242.45	837.42	446.82	486,414.77	802,964.73	837.98	32.33438	-103.48627
10,860.00	89.89	359.47	10,241.62	931.41	445.66	486,508.76	802,963.57	931.97	32.33464	-103.48627
10,954.00	89.80	359.12	10,241.88	1,025.40	444.50	486,602.75	802,962.41	1,025.96	32.33490	-103.48627
11,049.00	90.90	359.73	10,241.29	1,120.40	443.55	486,697.75	802,961.46	1,120.95	32.33516	-103.48627
11,143.00	91.52	1.14	10,239.31	1,214.37	444.26	486,791.72	802,962.17	1,214.92	32.33542	-103.48627
11,237.00	92.00	1.14	10,236.42	1,308.31	446.13	486,885.66	802,964.04	1,308.86	32.33568	-103.48626
11,332.00	91.82	1.93	10,233.26	1,403.22	448.67	486,980.57	802,966.58	1,403.78	32.33594	-103.48625
11,426.00	90.15	2.55	10,231.64	1,497.13	452.35	487,074.48	802,970.26	1,497.69	32.33620	-103.48623
11,520.00	89.93	2.81	10,231.57	1,591.03	456.74	487,168.38	802,974.65	1,591.60	32.33645	-103.48622
11,615.00	90.59	0.88	10,231.14	1,685.97	459.80	487,263.32	802,977.71	1,686.54	32.33671	-103.48620
11,710.00	90.90	0.44	10,229.91	1,780.96	460.90	487,358.31	802,978.81	1,781.53	32.33698	-103.48620
11,804.00	90.77	0.70	10,228.54	1,874.94	461.83	487,452.29	802,979.74	1,875.52	32.33723	-103.48619
11,899.00	91.03	0.09	10,227.05	1,969.93	462.49	487,547.28	802,980.40	1,970.50	32.33749	-103.48619
11,993.00	90.64	359.65	10,225.68	2,063.92	462.27	487,641.27	802,980.18	2,064.49	32.33775	-103.48619
12,088.00	90.64	359.21	10,224.62	2,158.91	461.33	487,736.26	802,979.24	2,159.48	32.33801	-103.48619
12,182.00	89.63	358.86	10,224.39	2,252.89	459.74	487,830.24	802,977.65	2,253.46	32.33827	-103.48619
12,277.00	90.90	359.47	10,223.95	2,347.88	458.36	487,925.23	802,976.27	2,348.45	32.33853	-103.48619
12,371.00	93.05	359.73	10,220.72	2,441.81	457.70	488,019.16	802,975.61	2,442.38	32.33879	-103.48619
12,466.00	93.27	359.65	10,215.48	2,536.67	457.19	488,114.02	802,975.10	2,537.24	32.33905	-103.48619



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
12,560.00	92.04	0.09	10,211.12	2,630.56	456.98	488,207.91	802,974.89	2,631.13	32.33931	-103.48619
12,655.00	92.13	359.56	10,207.67	2,725.50	456.69	488,302.85	802,974.60	2,726.07	32.33957	-103.48619
12,749.00	94.20	359.12	10,202.48	2,819.35	455.61	488,396.70	802,973.52	2,819.91	32.33983	-103.48619
12,844.00	93.93	0.17	10,195.74	2,914.10	455.02	488,491.45	802,972.93	2,914.67	32.34009	-103.48619
12,938.00	94.68	0.17	10,188.69	3,007.84	455.30	488,585.19	802,973.21	3,008.40	32.34035	-103.48618
13,033.00	93.45	0.79	10,181.95	3,102.59	456.09	488,679.94	802,974.00	3,103.16	32.34061	-103.48618
13,127.00	91.03	2.11	10,178.28	3,196.48	458.47	488,773.83	802,976.38	3,197.05	32.34087	-103.48617
13,222.00	89.93	0.00	10,177.48	3,291.46	460.22	488,868.81	802,978.13	3,292.03	32.34113	-103.48616
13,317.00	89.23	0.35	10,178.18	3,386.45	460.51	488,963.80	802,978.42	3,387.02	32.34139	-103.48616
13,412.00	89.89	359.12	10,178.91	3,481.45	460.07	489,058.80	802,977.98	3,482.02	32.34165	-103.48616
13,506.00	90.77	358.24	10,178.37	3,575.42	457.90	489,152.77	802,975.81	3,575.99	32.34191	-103.48616
13,601.00	90.81	357.98	10,177.06	3,670.36	454.77	489,247.71	802,972.68	3,670.92	32.34217	-103.48617
13,695.00	92.84	357.80	10,174.06	3,764.24	451.31	489,341.59	802,969.22	3,764.80	32.34243	-103.48618
13,789.00	92.00	359.56	10,170.10	3,858.13	449.15	489,435.48	802,967.06	3,858.68	32.34268	-103.48618
13,885.00	89.71	358.94	10,168.66	3,954.10	447.89	489,531.45	802,965.80	3,954.66	32.34295	-103.48618
13,979.00	88.09	358.59	10,170.47	4,048.06	445.87	489,625.41	802,963.78	4,048.61	32.34321	-103.48619
14,074.00	88.44	358.06	10,173.34	4,142.97	443.09	489,720.32	802,961.00	4,143.52	32.34347	-103.48619
14,168.00	89.27	356.83	10,175.22	4,236.86	438.90	489,814.21	802,956.81	4,237.40	32.34373	-103.48621
14,263.00	87.43	357.19	10,177.96	4,331.69	433.95	489,909.04	802,951.86	4,332.22	32.34399	-103.48622
14,357.00	86.55	357.45	10,182.89	4,425.45	429.56	490,002.80	802,947.47	4,425.99	32.34424	-103.48623
14,451.00	84.92	357.19	10,189.88	4,519.09	425.18	490,096.44	802,943.09	4,519.61	32.34450	-103.48624
14,545.00	84.18	358.15	10,198.81	4,612.58	421.37	490,189.93	802,939.28	4,613.11	32.34476	-103.48625
14,640.00	86.20	359.21	10,206.78	4,707.22	419.19	490,284.57	802,937.10	4,707.74	32.34502	-103.48626
14,735.00	88.26	0.00	10,211.37	4,802.10	418.54	490,379.45	802,936.45	4,802.62	32.34528	-103.48626
14,829.00	90.42	0.61	10,212.45	4,896.08	419.04	490,473.43	802,936.95	4,896.60	32.34554	-103.48625
14,924.00	90.64	359.47	10,211.57	4,991.08	419.11	490,568.43	802,937.02	4,991.60	32.34580	-103.48625
15,018.00	89.93	358.50	10,211.10	5,085.06	417.44	490,662.41	802,935.35	5,085.58	32.34606	-103.48625



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
15,113.00	90.24	358.06	10,210.96	5,180.02	414.59	490,757.37	802,932.50	5,180.53	32.34632	-103.48626
15,207.00	88.09	356.22	10,212.33	5,273.88	409.90	490,851.23	802,927.81	5,274.39	32.34658	-103.48627
15,302.00	87.91	357.89	10,215.65	5,368.69	405.02	490,946.04	802,922.93	5,369.20	32.34684	-103.48629
15,396.00	87.69	359.03	10,219.26	5,462.59	402.50	491,039.94	802,920.41	5,463.09	32.34710	-103.48629
15,491.00	87.21	358.50	10,223.48	5,557.47	400.45	491,134.82	802,918.36	5,557.97	32.34736	-103.48630
15,585.00	87.65	2.02	10,227.70	5,651.36	400.88	491,228.71	802,918.79	5,651.86	32.34761	-103.48629
15,680.00	88.35	2.46	10,231.02	5,746.23	404.59	491,323.58	802,922.50	5,746.73	32.34788	-103.48628
15,775.00	87.52	1.49	10,234.44	5,841.11	407.86	491,418.46	802,925.77	5,841.62	32.34814	-103.48626
15,869.00	88.22	0.26	10,237.93	5,935.03	409.30	491,512.38	802,927.21	5,935.54	32.34839	-103.48626
15,964.00	87.34	1.40	10,241.61	6,029.95	410.67	491,607.30	802,928.58	6,030.46	32.34865	-103.48625
16,060.00	87.65	0.70	10,245.81	6,125.84	412.43	491,703.19	802,930.34	6,126.35	32.34892	-103.48624
16,154.00	88.13	1.05	10,249.27	6,219.76	413.86	491,797.11	802,931.77	6,220.28	32.34918	-103.48624
16,249.00	87.78	359.91	10,252.66	6,314.70	414.66	491,892.05	802,932.57	6,315.21	32.34944	-103.48623
16,344.00	87.03	1.67	10,256.96	6,409.59	415.97	491,986.94	802,933.88	6,410.10	32.34970	-103.48622
16,438.00	87.34	2.72	10,261.58	6,503.40	419.56	492,080.75	802,937.47	6,503.92	32.34996	-103.48621
16,532.00	86.99	1.14	10,266.23	6,597.23	422.73	492,174.58	802,940.64	6,597.76	32.35021	-103.48620
16,627.00	86.99	0.00	10,271.22	6,692.10	423.67	492,269.45	802,941.58	6,692.62	32.35047	-103.48619
16,722.00	87.82	359.21	10,275.52	6,786.99	423.02	492,364.34	802,940.93	6,787.52	32.35074	-103.48619
16,817.00	88.04	1.23	10,278.95	6,881.93	423.38	492,459.28	802,941.29	6,882.45	32.35100	-103.48619
16,911.00	90.37	2.28	10,280.25	6,975.87	426.26	492,553.22	802,944.17	6,976.39	32.35125	-103.48618
17,005.00	93.05	2.72	10,277.45	7,069.73	430.36	492,647.08	802,948.27	7,070.26	32.35151	-103.48616
17,100.00	93.54	1.93	10,271.99	7,164.49	434.20	492,741.84	802,952.11	7,165.03	32.35177	-103.48615
17,194.00	93.49	2.28	10,266.23	7,258.25	437.65	492,835.60	802,955.56	7,258.79	32.35203	-103.48613
17,289.00	92.44	1.23	10,261.31	7,353.08	440.55	492,930.43	802,958.46	7,353.62	32.35229	-103.48612
17,384.00	92.88	1.67	10,256.90	7,447.94	442.96	493,025.29	802,960.87	7,448.49	32.35255	-103.48611
17,477.00	93.36	1.76	10,251.84	7,540.76	445.74	493,118.11	802,963.65	7,541.31	32.35281	-103.48610
17,572.00	91.87	0.44	10,247.51	7,635.64	447.56	493,212.99	802,965.47	7,636.19	32.35307	-103.48609



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
Project: LEA COUNTY, N.M. 83
Site: SEC 5-T23S-R34E
Well: BELL LAKE UNIT N. 236H
Wellbore: HORIZONTAL
Design: HORIZONTAL

Local Co-ordinate Reference: Well BELL LAKE UNIT N. 236H
TVD Reference: GE+23' @ 3447.50usft (CAC 166)
MD Reference: GE+23' @ 3447.50usft (CAC 166)
North Reference: Grid
Survey Calculation Method: Minimum Curvature
Database: EDM 5000.15 Single User Db

Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
17,667.00	92.97	0.35	10,243.50	7,730.55	448.21	493,307.90	802,966.12	7,731.11	32.35333	-103.48609
17,760.00	92.26	359.21	10,239.25	7,823.45	447.85	493,400.80	802,965.76	7,824.01	32.35358	-103.48608
17,855.00	89.63	357.71	10,237.69	7,918.39	445.30	493,495.74	802,963.21	7,918.94	32.35384	-103.48609
17,949.00	90.11	356.57	10,237.90	8,012.28	440.61	493,589.63	802,958.52	8,012.82	32.35410	-103.48610
18,043.00	90.20	355.34	10,237.64	8,106.04	433.98	493,683.39	802,951.89	8,106.57	32.35436	-103.48612
18,138.00	91.03	354.11	10,236.62	8,200.63	425.25	493,777.98	802,943.16	8,201.15	32.35462	-103.48615
18,232.00	91.96	353.93	10,234.17	8,294.08	415.46	493,871.43	802,933.37	8,294.60	32.35488	-103.48618
18,275.00	92.18	354.02	10,232.62	8,336.82	410.95	493,914.17	802,928.86	8,337.33	32.35500	-103.48619
LS 18275.00' MD & 10232.62' TVD										
18,337.00	92.18	354.02	10,230.26	8,398.44	404.49	493,975.79	802,922.40	8,398.94	32.35517	-103.48621
PTB 18337.00' MD & 10230.26' TVD										

Well Name: BELL LAKE UNIT NORTH	Well Location: T23S / R34E / SEC 5 / NESE / 32.3320902 / -103.4877346	County or Parish/State: LEA / NM
Well Number: 236H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0000587, NMNM0587	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002546886	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 05/11/2021	Time Sundry Submitted: 01:44
Date Operation Actually Began: 01/27/2021	

Actual Procedure: 1/21: Pressure test csg to 9,800#. Test annulus to 500#. TCP Stage 1: 18,088'-18,210' O/A w/5, 3 1/8" guns. Establish injection into perfs: 5 BPM @ 7,742# for 50 bbls 2% KCl w/biocide. SD and isolate well. ISDP 7,462#, 5 min 4,472#, 10 min 3,910#, 15 min 3,597#. 1/21: Stage-Frac lateral 10,600'-18,210' O/A in 43 stages w/112,500 gal 15% HCl, 405,959 bbls SW and 4,523 bbls HVFR carrying 330,707# 100M and 17,956,420# 30/50 white. 3/21: Drill out all plugs w/4.625" roller cone bit. TLTR: 418,258 bbls. SICP: 1,800#

SR Attachments

Actual Procedure

BLUN_236H_WBD_20210511134414.pdf

Well Name: BELL LAKE UNIT NORTH	Well Location: T23S / R34E / SEC 5 / NESE / 32.3320902 / -103.4877346	County or Parish/State: LEA / NM
Well Number: 236H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0000587, NMNM0587	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002546886	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: ERIC HANSEN	Signed on: MAY 11, 2021 01:44 PM
Name: KAISER FRANCIS OIL COMPANY	
Title: Drilling Engineer	
Street Address: 6733 S. Yale Ave.	
City: Tulsa	State: OK
Phone: (918) 491-4339	
Email address: EricH@kfoc.net	

Field Representative

Representative Name: Jeremy Parent		
Street Address: 88 Shell Road		
City: Jal	State: NM	Zip: 88252
Phone: (580)504-2593		
Email address: JeremyP@kfoc.net		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 05/14/2021
Signature: Jonathon Shepard	



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print Report

05/24/2021

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Section 1 - General

Well Completion Report Id: 72669 **Submission Date:** N/A until DB Work

BLM Office: Carlsbad Field Office **User:** Eric Hansen **Title:** Drilling Engineer

Federal/Indian: FEDERAL **Lease Number:** NMNM0000587 **Lease Acres:** 634.55

Agreement in place?: YES **Federal or Indian Agreement:** FEDERAL

Agreement Number: NMNM068292X **Agreement Name:** BELL LAKE

Keep this Well Completion Report confidential?: YES

APD Operator: KAISER FRANCIS OIL
COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool **Pool Name:** Bone Springs 98259 **Field Name:** OJO CHISO

Well Type: OIL WELL

Spud Date: 09-19-2020

Date Total Measured Depth Reached: 09-22-2020

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
---	OTHER	Surface	3425	0	0	NONE	

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
RUSTLER	SANDSTONE		2203	1222	1222	NONE	
SALADO	SALT		1803	1622	1622	NONE	
TOP SALT	SALT		1603	1822	1822	NONE	
BASE OF SALT	SALT		-1297	4722	4722	NONE	
LAMAR	SANDSTONE		-1547	4972	4972	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-1747	5172	5172	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2772	6197	6197	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4097	7522	7522	NATURAL GAS, OIL	
BONE SPRING	LIMESTONE		-5197	8622	8622	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5292	8717	8717	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6097	9522	9522	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6592	10017	10017	NATURAL GAS, OIL	

Completion and Completed Intervals

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM68 292X	NMNM05 87	NEW		POW	01-27- 2021	03-30- 2021	BONE SPRING	106 00	18210	Y	.42	193 5	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	413160	9999999	1/21: Pressure test csg to 9,800#. Test annulus to 500#. TCP Stage 1: 18,088'- 18,210' O/A w/5, 3 1/8" guns. Establish injection into perfs: 5 BPM @ 7,742# for 50 bbls 2% KCl w/biocide. SD and isolate well. ISDP 7,462#, 5 min 4,472#, 10 min 3,910#, 15 min 3,597#. 1/21: Stage-Frac lateral 10,600'-18,

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							210' O/A in 43 stages w/112,500 gal 15% HCl, 405,959 bbls SW and 4,523 bbls HVFR carrying 330,707# 100M and 17,956,420 # 30/50 white. 3/21: Drill out all plugs w/4.625" roller cone bit. TLTR: 418,258 bbls. SICP: 1,800# 1/21: Stage-Frac lateral 10,600'- 18,210' O/A in 43 stages w/112,500 gal 15% HCl, 405,959 bbls SW and 4,523 bbls HVFR carrying 330,707# 100M and 17,956,420 # 30/50 white. 3/21: Drill out all plugs w/4.625" roller cone bit. TLTR: 418,258

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Treatment Data

Treatment Remarks	Total Proppant (lbs)	Tottle Fluid (bbls)	Treatment Type	Interval Treated?	Interval Number	Completion Code	Wellbore Code
bbls. SICP: 1,800#							

Production Data

Describe Disposition	Disposition of Gas	Describe Production	Production Method	Gas Gravity	API Oil Gravity	Interval Number	Completion Code	Wellbore Code
	SOLD		FLOWS FROM WELL	.85	43	1	X1	00

Test Data

Casing Pressure (psi)	Tubing Pressure Shut-In (psi)	Tubing Pressure	Choke Size	Gas-Oil Ratio (SCF/Bbl)	24-Hour Rate Water(BWPD)	24-Hour Rate Gas (MCF)	24-Hour Rate Oil (bbls)	Hours Tested	Test Date	Interval Number	Completion Code	Wellbore Code
1120			26/64	1308	1367	983	751	24	05/04/19 21	1	X1	00

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Well Location

Survey Type: RECTANGULAR

Survey Number: 7089

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

	State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lo/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2446062	-103.4846483	3425	FEDERAL	NMNM01244A				1920	FSL	362	FEL	23S	34E	5	NESE Lot I
KOP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2452352	-103.4847761	-5075	FEDERAL	NMNM01244A				2149	FSL	401	FEL	23S	34E	5	NESE
PPP Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.246967	-103.484779	-6790	FEDERAL	NMNM0587				2526	FNL	400	FEL	23S	34E	5	SENE
EXIT Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2679797	-103.4848143	-6792	FEE	STATE				132	FNL	400	FEL	22S	34E	32	NWNE
BHL Well bore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.2679797	-103.4848143	-6792	FEE	STATE				132	FNL	400	FEL	22S	34E	32	NWNE

Casing, Liner and Tubing

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	ID 10400046871

Casing and Liner

Wellbore Code	Casing String Type	Hole Size	Top Setting Depth (MD)	Bottom Setting Depth (MD)	Casing Size	Wt(lbs/ft)	Casing Grade	Describe Other Casing Grade	Joint	Other Joint	Amount Pulled (ft)
00	SURFACE	17.5	0	1504	13.375	54.5	J-55		BUTT		
00	INTERMEDIATE	12.25	0	4885	9.625	40	HCP-110		BUTT		
00	PRODUCTION	8.34	0	18316	5.5	20	P-110		OTHER	GBCD	

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield (cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbbls)
00	SURFACE		Halccem	400	1.74	0	Halccem	470	1.34	0	236.1
00	INTERMEDIATE		Econocem	975	2.09	0	Halccem	250	1.34		422.6
00	PRODUCTION		Neocem	905	3.52	0	Versacem	2450	1.22		1099.7

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
---------------	------------	-----------------	--------------	---------------------	----------------------------	------------------

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	ID 10400046871

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: KAISER FRANCIS OIL COMPANY

Signed By: Eric Hansen

Title: Drilling Engineer

Signed on: 05/14/2021

Street Address: 6733 S. Yale Ave.

City: Tulsa

State: OK

Zip: 74121

Phone: (918)491-4339

Email address: EricH@kfoc.net

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 236H	US Well Number 3002546886
SHL NESE Lot I Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0000587, NMNM0587, NMNM0587
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM068292X, NMNM68292X, NMNM68292X ID 10400046871
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 17	

Attachments

C_102_20210514133656.pdf

BLUN_236H_WBD_20210514133703.pdf

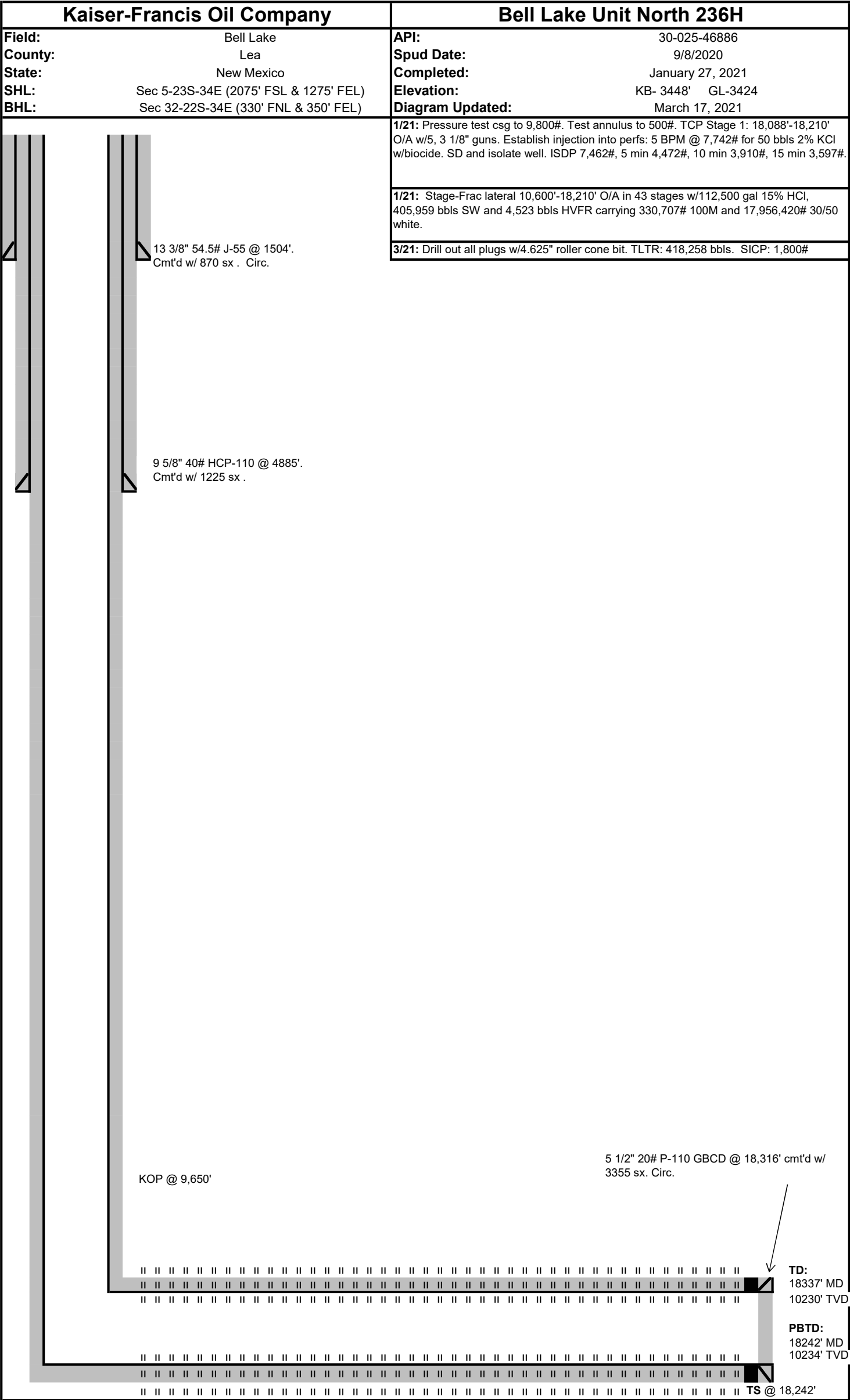
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B.L.U.N._236H_2in_MD_20210514133745.pdf

B.L.U.N._236H_5in_TVD_20210514133745.pdf

B.L.U.N._236H_2in_TVD_20210514133745.pdf



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

ACKNOWLEDGMENTS

Action 30699

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 30699
	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.

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

CONDITIONS

Action 30699

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 30699
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/4/2021