

Well Name: BELL LAKE UNIT SOUTH	Well Location: T24S / R34E / SEC 5 / SENW / 32.248012 / -103.494912	County or Parish/State: LEA / NM
Well Number: 415H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061374A, NMLC061374A	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002548259	Well Status: Producing Oil Well	Operator: KAISER FRANCIS OIL COMPANY

Notice of Intent

Sundry ID: 1341514

Type of Submission: Notice of Intent	Type of Action: Other
Date Sundry Submitted: 02/12/2021	Time Sundry Submitted: 09:30
Date proposed operation will begin: 02/11/2021	

Procedure Description: Kaiser-Francis Oil Company request to change the SHL for the following well on the Bell Lake Unit South Pad 12 Located in section 5-24S-34E. No new surface disturbance is requested. Bell Lake Unit South 415H API #30-025-48259 Approved SHL 2119 FNL 1744 FWL 5-24S-34E Lea County New Mexico. Proposed SHL 2219 FNL 1707 FWL 5-24S-34E Lea County New Mexico.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

415_pad_12_C102_20210212092935.pdf

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Well Number: 415H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0061374A, NMLC061374A	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002548259	Well Status: Producing Oil Well	Operator: KAISER FRANCIS OIL COMPANY

Operator

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

Operator Electronic Signature: ERIC HANSEN	Signed on: FEB 12, 2021 09:30 AM
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 Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 03/10/2021
Signature: Chris Walls	

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 30-025-48259	² Pool Code 98266	³ Pool Name Bell Lake; Wolfcamp, South
⁴ Property Code 316707	⁵ Property Name BELL LAKE UNIT SOUTH	⁶ Well Number 415H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	⁹ Elevation 3600.0

¹⁰ Surface Location

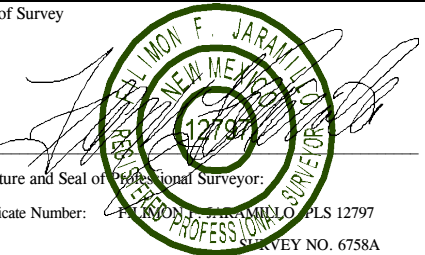
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
F	5	24 S	34 E		2219	NORTH	1707	WEST	LEA

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
M	8	24 S	34 E		88	SOUTH	483	WEST	LEA

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14601
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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. 5 LAT. = 32.2538360°N LONG. = 103.5005766°W NMSP EAST (FT) N = 457077.27 E = 798772.36 W/4 CORNER SEC. 5 LAT. = 32.2468023°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 AS-DRILLED LAST TAKE POINT 288' FSL, 489' FWL LAT. = 32.2256208°N LONG. = 103.4989150°W NMSP EAST (FT) N = 446816.59 E = 799365.78 SW CORNER SEC. 8 LAT. = 32.2248308°N LONG. = 103.5004938°W NMSP EAST (FT) N = 446525.43 E = 798879.78		N89°33'36"E 2640.66 FT N88°52'07"E 2622.56 FT N/4 CORNER SEC. 5 LAT. = 32.2538352°N LONG. = 103.4920367°W NMSP EAST (FT) N = 457097.54 E = 801412.43 BELL LAKE UNIT SOUTH 415H ELEV. = 3600.0' LAT. = 32.2477372°N (NAD83) LONG. = 103.4950308°W NMSP EAST (FT) N = 454871.87 E = 800504.14 AS-DRILLED FIRST TAKE POINT 2547' FSL, 578' FWL LAT. = 32.2463342°N LONG. = 103.4986754°W NMSP EAST (FT) N = 454352.67 E = 799381.34 N/4 CORNER SEC. 8 LAT. = 32.2392987°N LONG. = 103.4919593°W NMSP EAST (FT) N = 451809.38 E = 801477.80 AS-DRILLED BOTTOM OF HOLE LAT. = 32.2250725°N LONG. = 103.4989329°W NMSP EAST (FT) N = 446617.10 E = 799361.80 S/4 CORNER SEC. 8 LAT. = 32.2248282°N LONG. = 103.4919721°W NMSP EAST (FT) N = 446544.99 E = 801515.08		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 E/4 CORNER SEC. 8 LAT. = 32.2320533°N LONG. = 103.4834409°W NMSP EAST (FT) N = 449194.24 E = 804132.51 SE CORNER SEC. 8 LAT. = 32.2247748°N LONG. = 103.4834497°W NMSP EAST (FT) N = 446546.32 E = 804150.75		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. Christina Opfer 3/9/22 Signature Date Christina Opfer Printed Name ChristinaO@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 7, 2022 Date of Survey  Signature and Seal of Professional Surveyor Certificate Number: PL 12797 SURVEY NO. 6758A
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Intent ☐ As Drilled ☒

API # 30-025-48259		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: BELL LAKE UNIT SOUTH	Well Number 415H

Kick Off Point (KOP)

UL E	Section 5	Township 24S	Range 34E	Lot	Feet 2316	From N/S NORTH	Feet 507	From E/W WEST	County LEA
Latitude 32.2474720					Longitude 103.4989090			NAD 83	

First Take Point (FTP)

UL L	Section 5	Township 24S	Range 34E	Lot	Feet 2547	From N/S SOUTH	Feet 578	From E/W WEST	County LEA
Latitude 32.2463342					Longitude 103.4986754			NAD 83	

Last Take Point (LTP)

UL M	Section 8	Township 24S	Range 34E	Lot	Feet 288	From N/S SOUTH	Feet 489	From E/W WEST	County LEA
Latitude 32.2256208					Longitude 103.4989150			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 # 30-025-48260		
Operator Name: Kaiser-Francis Oil Company	Property Name: Bell Lake Unit South	Well Number 416H

KZ 06/29/2018

KAISER FRANCIS OIL CO.
BELL LAKE UNIT S. 415H - HORIZONTAL

LEA COUNTY, N.M. 27
SEC 5-T24S-R34E
Your Ref:

Measured Depth (ft)	Incl.	Azim.	Vertical Depth (ft)	Northings (ft)	Eastings (ft)	LATDEC (ft)	LONGDEC (dega/100ft)	Vertical Section	Dogleg Rate
0.00	0.00	0.00	0.00	0.00	0.00	32.25	-103.49	0.00	0.00
151.00	0.48	80.69	151.00	0.10	0.62	32.25	-103.49	-0.10	0.32
238.00	0.57	44.13	237.99	0.47	1.29	32.25	-103.49	-0.47	0.39
333.00	0.44	112.15	332.99	0.67	1.95	32.25	-103.49	-0.67	0.61
523.00	0.40	28.39	522.99	0.98	2.94	32.25	-103.49	-0.98	0.30
618.00	0.40	111.10	617.99	1.15	3.41	32.25	-103.49	-1.15	0.56
713.00	0.35	31.73	712.99	1.28	3.87	32.25	-103.49	-1.28	0.51
808.00	0.57	54.94	807.98	1.80	4.41	32.25	-103.49	-1.80	0.30
903.00	0.57	87.54	902.98	2.09	5.27	32.25	-103.49	-2.09	0.34
998.00	0.18	68.74	997.98	2.17	5.88	32.25	-103.49	-2.17	0.43
1092.00	0.44	111.01	1091.97	2.09	6.36	32.25	-103.49	-2.09	0.35
1172.00	0.48	84.38	1171.97	2.01	6.98	32.25	-103.49	-2.01	0.27
1282.00	0.13	152.06	1281.97	1.95	7.49	32.25	-103.49	-1.95	0.41
1377.00	0.13	47.03	1376.97	1.93	7.62	32.25	-103.49	-1.93	0.22
1471.00	0.31	314.39	1470.97	2.18	7.52	32.25	-103.49	-2.18	0.36
1566.00	0.53	301.29	1565.97	2.58	6.96	32.25	-103.49	-2.58	0.25
1660.00	0.53	276.25	1659.96	2.86	6.16	32.25	-103.49	-2.86	0.24
1755.00	0.35	304.37	1754.96	3.07	5.48	32.25	-103.49	-3.07	0.29
1850.00	0.35	302.61	1849.96	3.39	5.00	32.25	-103.49	-3.39	0.01
1944.00	0.35	306.39	1943.96	3.71	4.52	32.25	-103.49	-3.71	0.02
2039.00	0.26	290.31	2038.96	3.96	4.09	32.25	-103.49	-3.96	0.13
2133.00	0.62	313.16	2132.95	4.38	3.52	32.25	-103.49	-4.38	0.42
2228.00	0.70	317.20	2227.95	5.16	2.75	32.25	-103.49	-5.16	0.10
2322.00	0.48	308.85	2321.94	5.83	2.05	32.25	-103.49	-5.83	0.25
2417.00	0.40	304.20	2416.94	6.27	1.47	32.25	-103.49	-6.27	0.09
2512.00	1.54	280.99	2511.92	6.69	-0.06	32.25	-103.49	-6.69	1.25
2606.00	3.21	267.28	2605.84	6.81	-3.93	32.25	-103.49	-6.81	1.86
2701.00	5.10	262.89	2700.59	6.16	-10.78	32.25	-103.49	-6.16	2.02
2795.00	7.30	269.30	2794.03	5.57	-20.90	32.25	-103.49	-5.57	2.45
2890.00	8.40	272.82	2888.14	5.84	-33.86	32.25	-103.49	-5.84	1.26
2985.00	8.88	274.75	2982.06	6.79	-48.10	32.25	-103.49	-6.79	0.59
3079.00	9.54	276.60	3074.85	8.28	-63.07	32.25	-103.49	-8.28	0.77

3173.00	9.10	277.92	3167.61	10.20	-78.17	32.25	-103.49	-10.20	0.52
3268.00	8.57	280.20	3261.48	12.49	-92.58	32.25	-103.49	-12.49	0.67
3363.00	8.70	278.79	3355.41	14.84	-106.64	32.25	-103.49	-14.84	0.26
3457.00	9.80	275.72	3448.18	16.73	-121.63	32.25	-103.49	-16.73	1.28
3552.00	9.05	276.33	3541.90	18.36	-137.10	32.25	-103.50	-18.36	0.80
3647.00	8.66	275.72	3635.77	19.89	-151.64	32.25	-103.50	-19.89	0.42
3742.00	8.88	274.31	3729.66	21.16	-166.07	32.25	-103.50	-21.16	0.32
3837.00	10.77	269.21	3823.26	21.59	-182.26	32.25	-103.50	-21.59	2.19
3931.00	10.20	269.04	3915.69	21.33	-199.36	32.25	-103.50	-21.33	0.61
4026.00	9.76	269.13	4009.25	21.06	-215.83	32.25	-103.50	-21.06	0.46
4121.00	9.10	270.27	4102.97	20.98	-231.39	32.25	-103.50	-20.98	0.72
4216.00	8.26	269.65	4196.88	20.97	-245.73	32.25	-103.50	-20.97	0.89
4311.00	7.43	263.15	4290.99	20.20	-258.65	32.25	-103.50	-20.20	1.28
4406.00	7.38	257.61	4385.20	18.15	-270.71	32.25	-103.50	-18.15	0.75
4501.00	8.31	255.50	4479.31	15.13	-283.31	32.25	-103.50	-15.13	1.02
4596.00	7.34	254.54	4573.42	11.79	-295.81	32.25	-103.50	-11.79	1.03
4690.00	6.15	250.32	4666.77	8.49	-306.34	32.25	-103.50	-8.49	1.37
4785.00	5.23	243.81	4761.30	4.87	-315.02	32.25	-103.50	-4.87	1.18
4880.00	4.48	237.75	4855.96	0.98	-322.04	32.25	-103.50	-0.98	0.96
4975.00	4.04	240.83	4950.70	-2.63	-328.10	32.25	-103.50	2.63	0.52
5070.00	3.60	240.47	5045.49	-5.74	-333.62	32.25	-103.50	5.74	0.46
5165.00	3.25	240.12	5140.32	-8.55	-338.55	32.25	-103.50	8.55	0.37
5202.00	3.08	243.64	5177.26	-9.51	-340.35	32.25	-103.50	9.51	0.70
5350.00	4.35	251.02	5324.95	-13.10	-349.22	32.25	-103.50	13.10	0.92
5445.00	5.93	260.25	5419.57	-15.11	-357.46	32.25	-103.50	15.11	1.87
5539.00	8.31	264.47	5512.84	-16.58	-369.01	32.25	-103.50	16.58	2.59
5634.00	9.27	263.15	5606.72	-18.16	-383.44	32.25	-103.50	18.16	1.03
5728.00	10.90	263.50	5699.26	-20.07	-399.79	32.25	-103.50	20.07	1.74
5823.00	12.18	262.89	5792.34	-22.32	-418.66	32.25	-103.50	22.32	1.35
5918.00	12.22	262.18	5885.20	-24.93	-438.56	32.25	-103.50	24.93	0.16
6013.00	12.26	260.34	5978.04	-27.99	-458.47	32.25	-103.50	27.99	0.41
6107.00	11.78	259.72	6069.98	-31.38	-477.75	32.25	-103.50	31.38	0.53
6202.00	11.74	259.02	6162.98	-34.95	-496.78	32.25	-103.50	34.95	0.16
6297.00	11.87	260.69	6255.97	-38.37	-515.91	32.25	-103.50	38.37	0.38
6392.00	12.53	268.07	6348.83	-40.30	-535.85	32.25	-103.50	40.30	1.78
6487.00	12.79	266.58	6441.52	-41.27	-556.65	32.25	-103.50	41.27	0.44
6582.00	12.97	265.96	6534.13	-42.65	-577.78	32.25	-103.50	42.65	0.24
6676.00	12.26	265.08	6625.86	-44.25	-598.24	32.25	-103.50	44.25	0.78
6771.00	12.13	265.35	6718.72	-45.93	-618.24	32.25	-103.50	45.93	0.15
6866.00	12.04	264.38	6811.61	-47.71	-638.05	32.25	-103.50	47.71	0.23
6961.00	12.57	271.59	6904.44	-48.39	-658.25	32.25	-103.50	48.39	1.71
7056.00	13.19	276.33	6997.05	-46.91	-679.35	32.25	-103.50	46.91	1.29
7151.00	13.67	275.45	7089.45	-44.65	-701.30	32.25	-103.50	44.65	0.55
7246.00	13.80	274.75	7181.73	-42.64	-723.77	32.25	-103.50	42.64	0.22
7341.00	13.54	273.43	7274.04	-41.04	-746.16	32.25	-103.50	41.04	0.43
7435.00	13.49	272.47	7365.44	-39.91	-768.10	32.25	-103.50	39.91	0.24
7530.00	13.19	271.41	7457.88	-39.16	-790.00	32.25	-103.50	39.16	0.41

7625.00	12.40	269.30	7550.52	-39.02	-811.04	32.25	-103.50	39.02	0.97
7720.00	12.09	268.95	7643.36	-39.33	-831.18	32.25	-103.50	39.33	0.34
7815.00	11.91	267.72	7736.28	-39.90	-850.93	32.25	-103.50	39.90	0.33
7909.00	11.65	267.28	7828.30	-40.74	-870.10	32.25	-103.50	40.74	0.29
8004.00	11.03	265.61	7921.45	-41.89	-888.74	32.25	-103.50	41.89	0.74
8099.00	10.46	265.08	8014.78	-43.32	-906.39	32.25	-103.50	43.32	0.61
8194.00	10.02	264.20	8108.27	-44.90	-923.21	32.25	-103.50	44.90	0.49
8289.00	9.67	262.10	8201.87	-46.83	-939.33	32.25	-103.50	46.83	0.53
8383.00	9.10	260.69	8294.61	-49.12	-954.49	32.25	-103.50	49.12	0.65
8478.00	8.84	259.99	8388.45	-51.60	-969.09	32.25	-103.50	51.60	0.30
8573.00	8.44	259.11	8482.37	-54.19	-983.13	32.25	-103.50	54.19	0.44
8668.00	8.18	259.02	8576.37	-56.79	-996.61	32.25	-103.50	56.79	0.27
8763.00	7.65	258.67	8670.47	-59.32	-1009.44	32.25	-103.50	59.32	0.56
8857.00	7.12	259.28	8763.69	-61.63	-1021.30	32.25	-103.50	61.63	0.57
8952.00	7.03	258.49	8857.96	-63.89	-1032.78	32.25	-103.50	63.89	0.14
9047.00	6.95	258.40	8952.26	-66.20	-1044.11	32.25	-103.50	66.20	0.08
9142.00	6.86	259.11	9046.57	-68.43	-1055.31	32.25	-103.50	68.43	0.13
9237.00	6.64	260.69	9140.91	-70.39	-1066.30	32.25	-103.50	70.39	0.30
9331.00	6.24	258.32	9234.32	-72.31	-1076.67	32.25	-103.50	72.31	0.51
9426.00	6.29	258.05	9328.75	-74.43	-1086.82	32.25	-103.50	74.43	0.06
9521.00	5.76	253.04	9423.22	-76.90	-1096.47	32.25	-103.50	76.90	0.79
9616.00	5.67	259.55	9517.75	-79.14	-1105.64	32.25	-103.50	79.14	0.69
9711.00	5.58	262.63	9612.30	-80.58	-1114.84	32.25	-103.50	80.58	0.33
9806.00	4.18	267.90	9706.95	-81.30	-1122.88	32.25	-103.50	81.30	1.55
9901.00	3.65	262.53	9801.73	-81.82	-1129.34	32.25	-103.50	81.82	0.68
9996.00	3.34	268.69	9896.55	-82.28	-1135.10	32.25	-103.50	82.28	0.51
10091.00	2.99	274.84	9991.41	-82.13	-1140.34	32.25	-103.50	82.13	0.51
10186.00	2.55	274.58	10086.30	-81.75	-1144.91	32.25	-103.50	81.75	0.46
10281.00	2.51	263.50	10181.20	-81.82	-1149.09	32.25	-103.50	81.82	0.52
10376.00	3.25	264.29	10276.08	-82.32	-1153.83	32.25	-103.50	82.32	0.78
10470.00	3.96	262.80	10369.90	-83.00	-1159.70	32.25	-103.50	83.00	0.76
10565.00	4.18	259.20	10464.66	-84.06	-1166.36	32.25	-103.50	84.06	0.35
10660.00	4.18	265.44	10559.40	-84.98	-1173.21	32.25	-103.50	84.98	0.48
10755.00	4.70	266.31	10654.12	-85.51	-1180.55	32.25	-103.50	85.51	0.55
10850.00	4.66	266.05	10748.80	-86.02	-1188.28	32.25	-103.50	86.02	0.05
10969.00	5.36	267.19	10867.35	-86.63	-1198.66	32.25	-103.50	86.63	0.59
11045.00	5.01	267.19	10943.04	-86.96	-1205.51	32.25	-103.50	86.96	0.46
11140.00	4.88	144.50	11037.86	-90.46	-1207.32	32.25	-103.50	90.46	9.13
11235.00	16.70	151.70	11131.02	-105.83	-1198.47	32.25	-103.50	105.83	12.50
11330.00	25.93	160.58	11219.45	-137.51	-1185.06	32.25	-103.50	137.51	10.27
11425.00	37.45	164.98	11300.16	-185.16	-1170.61	32.25	-103.50	185.16	12.36
11520.00	46.51	167.35	11370.71	-246.82	-1155.55	32.25	-103.50	246.82	9.68
11615.00	51.43	169.55	11433.06	-317.01	-1141.26	32.25	-103.50	317.01	5.47
11710.00	60.53	173.68	11486.17	-394.82	-1129.94	32.25	-103.50	394.82	10.23
11805.00	70.68	177.98	11525.37	-480.98	-1123.79	32.25	-103.50	480.98	11.45
11899.00	76.26	179.65	11552.11	-571.04	-1121.95	32.25	-103.50	571.04	6.18
11994.00	88.18	184.75	11564.95	-664.89	-1125.61	32.25	-103.50	664.89	13.62

12089.00	88.48	184.66	11567.72	-759.53	-1133.40	32.25	-103.50	759.53	0.33
12184.00	90.64	184.66	11568.45	-854.21	-1141.12	32.25	-103.50	854.21	2.27
12279.00	88.09	182.73	11569.50	-948.99	-1147.24	32.25	-103.50	948.99	3.37
12374.00	87.21	182.11	11573.40	-1043.83	-1151.25	32.24	-103.50	1043.83	1.13
12469.00	87.69	181.50	11577.63	-1138.68	-1154.24	32.24	-103.50	1138.68	0.82
12564.00	87.56	179.92	11581.56	-1233.59	-1155.41	32.24	-103.50	1233.59	1.67
12691.00	88.97	180.88	11585.41	-1360.53	-1156.30	32.24	-103.50	1360.53	1.34
12786.00	89.80	182.03	11586.43	-1455.49	-1158.71	32.24	-103.50	1455.49	1.49
12880.00	89.01	182.64	11587.40	-1549.40	-1162.54	32.24	-103.50	1549.40	1.06
12975.00	87.34	183.26	11590.43	-1644.22	-1167.43	32.24	-103.50	1644.22	1.88
13070.00	88.04	183.43	11594.26	-1738.99	-1172.97	32.24	-103.50	1738.99	0.76
13165.00	88.18	184.14	11597.39	-1833.73	-1179.23	32.24	-103.50	1833.73	0.76
13260.00	87.78	184.22	11600.74	-1928.41	-1186.16	32.24	-103.50	1928.41	0.43
13355.00	87.69	184.84	11604.50	-2023.04	-1193.65	32.24	-103.50	2023.04	0.66
13450.00	89.67	184.22	11606.68	-2117.72	-1201.15	32.24	-103.50	2117.72	2.18
13545.00	91.91	185.63	11605.37	-2212.35	-1209.31	32.24	-103.50	2212.35	2.79
13640.00	94.24	186.51	11600.28	-2306.67	-1219.34	32.24	-103.50	2306.67	2.62
13735.00	94.24	185.54	11593.25	-2400.89	-1229.28	32.24	-103.50	2400.89	1.02
13830.00	92.62	181.24	11587.57	-2495.53	-1234.88	32.24	-103.50	2495.53	4.83
13925.00	91.16	178.69	11584.43	-2590.46	-1234.82	32.24	-103.50	2590.46	3.09
14020.00	90.29	178.25	11583.23	-2685.42	-1232.29	32.24	-103.50	2685.42	1.03
14115.00	88.97	177.37	11583.85	-2780.35	-1228.66	32.24	-103.50	2780.35	1.67
14210.00	86.64	176.49	11587.48	-2875.13	-1223.58	32.24	-103.50	2875.13	2.62
14305.00	84.35	176.23	11594.95	-2969.64	-1217.56	32.24	-103.50	2969.64	2.43
14400.00	89.71	178.25	11599.87	-3064.37	-1213.00	32.24	-103.50	3064.37	6.03
14495.00	90.15	178.25	11599.98	-3159.32	-1210.10	32.24	-103.50	3159.32	0.46
14590.00	87.43	176.93	11601.99	-3254.20	-1206.11	32.24	-103.50	3254.20	3.18
14685.00	88.04	176.58	11605.74	-3348.98	-1200.73	32.24	-103.50	3348.98	0.74
14779.00	83.74	175.61	11612.48	-3442.50	-1194.35	32.24	-103.50	3442.50	4.69
14874.00	81.93	175.70	11624.33	-3536.48	-1187.21	32.24	-103.50	3536.48	1.91
14969.00	81.93	175.61	11637.66	-3630.27	-1180.08	32.24	-103.50	3630.27	0.09
15064.00	81.54	177.54	11651.32	-3724.11	-1174.47	32.24	-103.50	3724.11	2.05
15159.00	81.54	176.75	11665.30	-3817.96	-1169.79	32.24	-103.50	3817.96	0.82
15254.00	79.60	175.61	11680.86	-3911.46	-1163.55	32.24	-103.50	3911.46	2.36
15349.00	81.63	178.60	11696.36	-4005.05	-1158.82	32.24	-103.50	4005.05	3.77
15444.00	84.35	179.65	11707.95	-4099.32	-1157.38	32.24	-103.50	4099.32	3.07
15539.00	85.23	179.83	11716.58	-4193.93	-1156.95	32.24	-103.50	4193.93	0.95
15634.00	87.56	179.74	11722.55	-4288.73	-1156.60	32.24	-103.50	4288.73	2.45
15729.00	87.34	179.74	11726.78	-4383.64	-1156.17	32.24	-103.50	4383.64	0.23
15824.00	86.37	179.74	11731.99	-4478.49	-1155.74	32.24	-103.50	4478.49	1.02
15919.00	89.32	181.24	11735.56	-4573.41	-1156.55	32.24	-103.50	4573.41	3.48
16013.00	90.02	181.24	11736.10	-4667.38	-1158.58	32.23	-103.50	4667.38	0.74
16108.00	88.40	180.18	11737.41	-4762.36	-1159.76	32.23	-103.50	4762.36	2.04
16203.00	86.81	179.21	11741.38	-4857.27	-1159.26	32.23	-103.50	4857.27	1.96
16298.00	86.51	176.31	11746.92	-4952.03	-1155.55	32.23	-103.50	4952.03	3.06
16393.00	85.63	178.86	11753.43	-5046.71	-1151.56	32.23	-103.50	5046.71	2.83
16488.00	85.10	179.21	11761.11	-5141.39	-1149.96	32.23	-103.50	5141.39	0.67

16583.00	84.48	178.16	11769.73	-5235.97	-1147.79	32.23	-103.50	5235.97	1.28
16678.00	84.09	177.98	11779.19	-5330.44	-1144.61	32.23	-103.50	5330.44	0.45
16773.00	83.96	177.98	11789.08	-5424.87	-1141.28	32.23	-103.50	5424.87	0.14
16868.00	84.48	177.72	11798.65	-5519.32	-1137.73	32.23	-103.50	5519.32	0.61
16963.00	84.31	177.98	11807.93	-5613.80	-1134.18	32.23	-103.50	5613.80	0.33
17058.00	84.22	177.37	11817.42	-5708.24	-1130.35	32.23	-103.50	5708.24	0.65
17152.00	83.82	177.19	11827.21	-5801.63	-1125.91	32.23	-103.50	5801.63	0.47
17247.00	83.69	176.58	11837.55	-5895.92	-1120.78	32.23	-103.50	5895.92	0.65
17342.00	86.90	179.04	11845.34	-5990.51	-1117.17	32.23	-103.50	5990.51	4.25
17437.00	87.08	178.07	11850.33	-6085.35	-1114.78	32.23	-103.50	6085.35	1.04
17532.00	86.20	176.93	11855.90	-6180.10	-1110.64	32.23	-103.50	6180.10	1.51
17627.00	87.91	178.86	11860.78	-6274.90	-1107.16	32.23	-103.50	6274.90	2.71
17724.00	86.86	178.95	11865.20	-6371.78	-1105.31	32.23	-103.50	6371.78	1.09
17818.00	87.56	181.15	11869.78	-6465.66	-1105.39	32.23	-103.50	6465.66	2.45
17913.00	84.79	180.09	11876.12	-6560.43	-1106.42	32.23	-103.50	6560.43	3.12
18008.00	88.66	181.50	11881.54	-6655.25	-1107.73	32.23	-103.50	6655.25	4.33
18103.00	89.32	181.15	11883.22	-6750.21	-1109.93	32.23	-103.50	6750.21	0.79
18198.00	90.24	180.53	11883.58	-6845.19	-1111.32	32.23	-103.50	6845.19	1.17
18293.00	90.86	181.41	11882.67	-6940.18	-1112.93	32.23	-103.50	6940.18	1.13
18387.00	89.71	181.50	11882.20	-7034.14	-1115.32	32.23	-103.50	7034.14	1.23
18482.00	88.84	181.06	11883.41	-7129.11	-1117.44	32.23	-103.50	7129.11	1.03
18577.00	87.34	180.36	11886.57	-7224.05	-1118.62	32.23	-103.50	7224.05	1.74
18672.00	86.73	180.62	11891.49	-7318.92	-1119.43	32.23	-103.50	7318.92	0.70
18767.00	86.68	180.80	11896.95	-7413.75	-1120.60	32.23	-103.50	7413.75	0.20
18862.00	85.32	181.24	11903.57	-7508.50	-1122.29	32.23	-103.50	7508.50	1.50
18957.00	86.37	181.76	11910.46	-7603.22	-1124.77	32.23	-103.50	7603.22	1.23
19052.00	85.93	181.59	11916.83	-7697.96	-1127.54	32.23	-103.50	7697.96	0.50
19147.00	87.08	182.11	11922.63	-7792.73	-1130.60	32.23	-103.50	7792.73	1.33
19242.00	85.45	181.76	11928.81	-7887.48	-1133.80	32.23	-103.50	7887.48	1.75
19337.00	85.67	181.59	11936.17	-7982.15	-1136.57	32.23	-103.50	7982.15	0.29
19432.00	84.48	181.50	11944.32	-8076.76	-1139.12	32.23	-103.50	8076.76	1.26
19555.00	82.24	180.88	11958.55	-8198.90	-1141.66	32.23	-103.50	8198.90	1.89
19613.00	82.24	180.88	11966.38	-8256.37	-1142.54	32.22	-103.50	8256.37	0.00

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to GE+23.5. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 180.000° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East 3001
Central meridian is -104.333°.

Grid Convergence at Surface is 0.448°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 19613.00ft.,
the Bottom Hole Displacement is 8335.05ft., in the Direction of 180.000° (Grid).

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to GE+23.5. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.

Vertical Section is from Slot and calculated along an Azimuth of 90.000° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East 3001

Central meridian is -104.333°.

Grid Convergence at Surface is 0.152°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 20772.00ft.,
the Bottom Hole Displacement is 10092.26ft., in the Direction of 90.000° (Grid).

NAD 27 Northing (usft)	NAD 27 Easting (usft)	NAD 83 Northing (usft)	NAD 83 Easting (usft)
454812.86	759320.25	454871.87	800504.14
454812.96	759320.87	454871.97	800504.76
454813.33	759321.54	454872.34	800505.43
454813.53	759322.20	454872.54	800506.09
454813.84	759323.19	454872.85	800507.08
454814.01	759323.66	454873.02	800507.55
454814.14	759324.12	454873.15	800508.01
454814.66	759324.66	454873.67	800508.55
454814.95	759325.52	454873.96	800509.41
454815.03	759326.13	454874.04	800510.02
454814.95	759326.61	454873.96	800510.50
454814.87	759327.23	454873.88	800511.12
454814.81	759327.74	454873.82	800511.63
454814.79	759327.87	454873.80	800511.76
454815.04	759327.77	454874.05	800511.66
454815.44	759327.21	454874.45	800511.10
454815.72	759326.41	454874.73	800510.30
454815.93	759325.73	454874.94	800509.62
454816.25	759325.25	454875.26	800509.14
454816.57	759324.77	454875.58	800508.66
454816.82	759324.34	454875.83	800508.23
454817.24	759323.77	454876.25	800507.66
454818.02	759323.00	454877.03	800506.89
454818.69	759322.30	454877.70	800506.19
454819.13	759321.72	454878.14	800505.61
454819.55	759320.19	454878.56	800504.08
454819.67	759316.32	454878.68	800500.21
454819.02	759309.47	454878.03	800493.36
454818.43	759299.35	454877.44	800483.24
454818.70	759286.39	454877.71	800470.28
454819.65	759272.15	454878.66	800456.04
454821.14	759257.18	454880.15	800441.07

454823.06	759242.08	454882.07	800425.97
454825.35	759227.67	454884.36	800411.56
454827.70	759213.61	454886.71	800397.50
454829.59	759198.62	454888.60	800382.51
454831.22	759183.15	454890.23	800367.04
454832.75	759168.61	454891.76	800352.50
454834.02	759154.18	454893.03	800338.07
454834.45	759137.99	454893.46	800321.88
454834.19	759120.89	454893.20	800304.78
454833.92	759104.42	454892.93	800288.31
454833.84	759088.86	454892.85	800272.75
454833.83	759074.52	454892.84	800258.41
454833.06	759061.60	454892.07	800245.49
454831.01	759049.54	454890.02	800233.43
454827.99	759036.94	454887.00	800220.83
454824.65	759024.44	454883.66	800208.33
454821.35	759013.91	454880.36	800197.80
454817.73	759005.23	454876.74	800189.12
454813.84	758998.21	454872.85	800182.10
454810.23	758992.15	454869.24	800176.04
454807.12	758986.63	454866.13	800170.52
454804.31	758981.70	454863.32	800165.59
454803.35	758979.90	454862.36	800163.79
454799.76	758971.03	454858.77	800154.92
454797.75	758962.79	454856.76	800146.68
454796.28	758951.24	454855.29	800135.13
454794.70	758936.81	454853.71	800120.70
454792.79	758920.46	454851.80	800104.35
454790.54	758901.59	454849.55	800085.48
454787.93	758881.69	454846.94	800065.58
454784.87	758861.78	454843.88	800045.67
454781.48	758842.50	454840.49	800026.39
454777.91	758823.47	454836.92	800007.36
454774.49	758804.34	454833.50	799988.23
454772.56	758784.40	454831.57	799968.29
454771.59	758763.60	454830.60	799947.49
454770.21	758742.47	454829.22	799926.36
454768.61	758722.01	454827.62	799905.90
454766.93	758702.01	454825.94	799885.90
454765.15	758682.20	454824.16	799866.09
454764.47	758662.00	454823.48	799845.89
454765.95	758640.90	454824.96	799824.79
454768.21	758618.95	454827.22	799802.84
454770.22	758596.48	454829.23	799780.37
454771.82	758574.09	454830.83	799757.98
454772.95	758552.15	454831.96	799736.04
454773.70	758530.25	454832.71	799714.14

454773.84	758509.21	454832.85	799693.10
454773.53	758489.07	454832.54	799672.96
454772.96	758469.32	454831.97	799653.21
454772.12	758450.15	454831.13	799634.04
454770.97	758431.51	454829.98	799615.40
454769.54	758413.86	454828.55	799597.75
454767.96	758397.04	454826.97	799580.93
454766.03	758380.92	454825.04	799564.81
454763.74	758365.76	454822.75	799549.65
454761.26	758351.16	454820.27	799535.05
454758.67	758337.12	454817.68	799521.01
454756.07	758323.64	454815.08	799507.53
454753.54	758310.81	454812.55	799494.70
454751.23	758298.95	454810.24	799482.84
454748.97	758287.47	454807.98	799471.36
454746.66	758276.14	454805.67	799460.03
454744.43	758264.94	454803.44	799448.83
454742.47	758253.95	454801.48	799437.84
454740.55	758243.58	454799.56	799427.47
454738.43	758233.43	454797.44	799417.32
454735.96	758223.78	454794.97	799407.67
454733.72	758214.61	454792.73	799398.50
454732.28	758205.41	454791.29	799389.30
454731.56	758197.37	454790.57	799381.26
454731.04	758190.91	454790.05	799374.80
454730.58	758185.15	454789.59	799369.04
454730.73	758179.91	454789.74	799363.80
454731.11	758175.34	454790.12	799359.23
454731.04	758171.16	454790.05	799355.05
454730.54	758166.42	454789.55	799350.31
454729.86	758160.55	454788.87	799344.44
454728.80	758153.89	454787.81	799337.78
454727.88	758147.04	454786.89	799330.93
454727.35	758139.70	454786.36	799323.59
454726.84	758131.97	454785.85	799315.86
454726.23	758121.59	454785.24	799305.48
454725.90	758114.74	454784.91	799298.63
454722.40	758112.93	454781.41	799296.82
454707.03	758121.78	454766.04	799305.67
454675.35	758135.19	454734.36	799319.08
454627.70	758149.64	454686.71	799333.53
454566.04	758164.70	454625.05	799348.59
454495.85	758178.99	454554.86	799362.88
454418.04	758190.31	454477.05	799374.20
454331.88	758196.46	454390.89	799380.35
454241.82	758198.30	454300.83	799382.19
454147.97	758194.64	454206.98	799378.53

454053.33	758186.85	454112.34	799370.74
453958.65	758179.13	454017.66	799363.02
453863.87	758173.01	453922.88	799356.90
453769.03	758169.00	453828.04	799352.89
453674.18	758166.01	453733.19	799349.90
453579.27	758164.84	453638.28	799348.73
453452.33	758163.95	453511.34	799347.84
453357.37	758161.54	453416.38	799345.43
453263.46	758157.71	453322.47	799341.60
453168.64	758152.82	453227.65	799336.71
453073.87	758147.28	453132.88	799331.17
452979.13	758141.02	453038.14	799324.91
452884.45	758134.09	452943.46	799317.98
452789.82	758126.60	452848.83	799310.49
452695.14	758119.10	452754.15	799302.99
452600.51	758110.94	452659.52	799294.83
452506.19	758100.91	452565.20	799284.80
452411.97	758090.97	452470.98	799274.86
452317.33	758085.37	452376.34	799269.26
452222.40	758085.43	452281.41	799269.32
452127.44	758087.96	452186.45	799271.85
452032.51	758091.59	452091.52	799275.48
451937.73	758096.67	451996.74	799280.56
451843.22	758102.69	451902.23	799286.58
451748.49	758107.25	451807.50	799291.14
451653.54	758110.15	451712.55	799294.04
451558.66	758114.14	451617.67	799298.03
451463.88	758119.52	451522.89	799303.41
451370.36	758125.90	451429.37	799309.79
451276.38	758133.04	451335.39	799316.93
451182.59	758140.17	451241.60	799324.06
451088.75	758145.78	451147.76	799329.67
450994.90	758150.46	451053.91	799334.35
450901.40	758156.70	450960.41	799340.59
450807.81	758161.43	450866.82	799345.32
450713.54	758162.87	450772.55	799346.76
450618.93	758163.30	450677.94	799347.19
450524.13	758163.65	450583.14	799347.54
450429.22	758164.08	450488.23	799347.97
450334.37	758164.51	450393.38	799348.40
450239.45	758163.70	450298.46	799347.59
450145.48	758161.67	450204.49	799345.56
450050.50	758160.49	450109.51	799344.38
449955.59	758160.99	450014.60	799344.88
449860.83	758164.70	449919.84	799348.59
449766.15	758168.69	449825.16	799352.58
449671.47	758170.29	449730.48	799354.18

449576.89	758172.46	449635.90	799356.35
449482.42	758175.64	449541.43	799359.53
449387.99	758178.97	449447.00	799362.86
449293.54	758182.52	449352.55	799366.41
449199.06	758186.07	449258.07	799369.96
449104.62	758189.90	449163.63	799373.79
449011.23	758194.34	449070.24	799378.23
448916.94	758199.47	448975.95	799383.36
448822.35	758203.08	448881.36	799386.97
448727.51	758205.47	448786.52	799389.36
448632.76	758209.61	448691.77	799393.50
448537.96	758213.09	448596.97	799396.98
448441.08	758214.94	448500.09	799398.83
448347.20	758214.86	448406.21	799398.75
448252.43	758213.83	448311.44	799397.72
448157.61	758212.52	448216.62	799396.41
448062.65	758210.32	448121.66	799394.21
447967.67	758208.93	448026.68	799392.82
447872.68	758207.32	447931.69	799391.21
447778.72	758204.93	447837.73	799388.82
447683.75	758202.81	447742.76	799386.70
447588.81	758201.63	447647.82	799385.52
447493.94	758200.82	447552.95	799384.71
447399.11	758199.65	447458.12	799383.54
447304.36	758197.96	447363.37	799381.85
447209.64	758195.48	447268.65	799379.37
447114.90	758192.71	447173.91	799376.60
447020.13	758189.65	447079.14	799373.54
446925.38	758186.45	446984.39	799370.34
446830.71	758183.68	446889.72	799367.57
446736.10	758181.13	446795.11	799365.02
446613.96	758178.59	446672.97	799362.48
446556.49	758177.71	446615.50	799361.60

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

CONDITIONS

Action 145394

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 145394
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/22/2022