

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

Well Name: BELL LAKE UNIT NORTH	Well Location: T23S / R33E / SEC 1 / NWSE / 32.3321294 / -103.5246455	County or Parish/State: LEA / NM
Well Number: 221H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0068387, NMLC068387	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002547562	Well Status: Producing Oil Well	Operator: KAISER FRANCIS OIL COMPANY

Notice Of Intent

Type of Submission: Notice Of Intent

Type of Action: APD Change

Date Sundry Submitted: 09/30/2020

Disposition: Approved

Disposition Date: 11/23/2020

Remarks: Kaiser-Francis Oil Company request to change the SHL location of the four wells located on pad 3 in North Bell Lake. This includes the following wells: Bell Lake Unit North 422H APD ID# 10400049081 As Submitted SHL 1992' FSL 2206' FEL 1-23S-33E Lea County New Mexico. Proposed SHL 2082' FSL 2171' FEL 1-23S-33E Lea County New Mexico. Bell Lake Unit North 421H APD ID#10400049061 As Submitted SHL 1962' FSL 2206' FEL 1-23S-33E Lea County New Mexico. Proposed SHL 2082' FSL 2191' FEL 1-23S-33E Lea County New Mexico. Bell Lake Unit North 222H APD ID#10400048402 As Submitted SHL 2112' FSL 2206' FEL 1-23S-33E Lea County New Mexico. Proposed SHL 2082' FSL 2211' FEL 1-23S-33E Lea County New Mexico. Bell Lake Unit North 221H APD ID#10400048014 Approved SHL 2082' FSL 2206' FEL 1-23S-33E Lea County New Mexico. Proposed SHL 2082' FSL 2231' FEL 1-23S-33E Lea County New Mexico.

NOI Attachments

Procedure Description

BLUN PAD 3 UPDATED SHL.PDF

AS PERMITTED.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 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		² Pool Code		³ Pool Name	
⁴ Property Code		⁵ Property Name BELL LAKE UNIT NORTH			⁶ Well Number 321H
⁷ OGRID No. 12361		⁸ Operator Name KAISER-FRANCIS OIL CO.			⁹ Elevation 3524.6

¹⁰ Surface Location

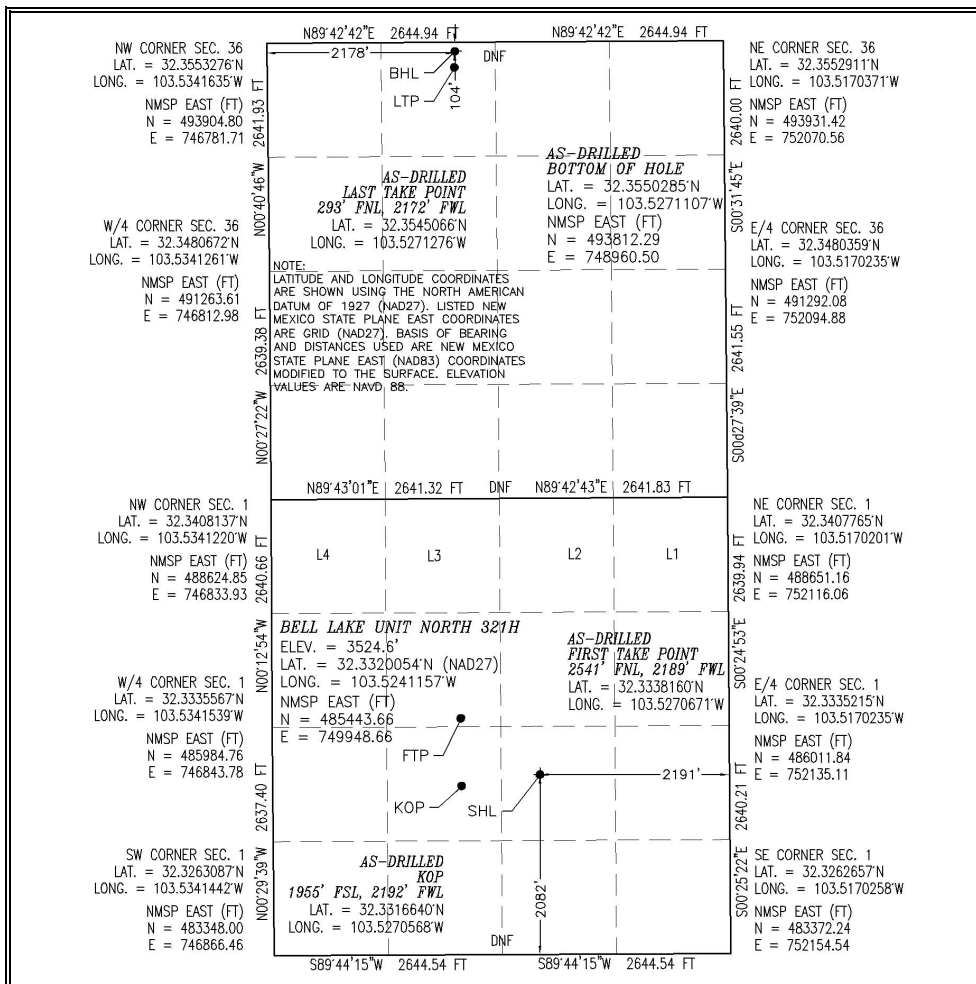
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	1	23 S	33 E		2082	SOUTH	2191	EAST	LEA

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
C	36	22 S	33 E		104	NORTH	2178	WEST	LEA

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



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 _____ Date _____

Printed Name _____

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.

MAY 20, 2021

Date of Survey _____

Signature and Seal of Professional Surveyor: 

Certificate Number: FILED MONROE PROFESSIONAL SURVEYOR, PLS 12797

SURVEY NO. 5768C

Intent As Drilled

API #		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: BELL LAKE UNIT NORTH	Well Number 321H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	1	23S	33E		1955	SOUTH	2192	WEST	LEA
Latitude 32.3316640					Longitude 103.5270568				NAD 27

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	1	23S	33E		2541	NORTH	2189	WEST	LEA
Latitude 32.3338160					Longitude 103.5270671				NAD 27

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	36	22S	33E		293	NORTH	2172	WEST	LEA
Latitude 32.3545066					Longitude 103.5271276				NAD 27

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 #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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Form C-102
Revised August 1, 2011
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AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

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⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	
		⁶ Well Number 321H
		⁹ Elevation 3524.6

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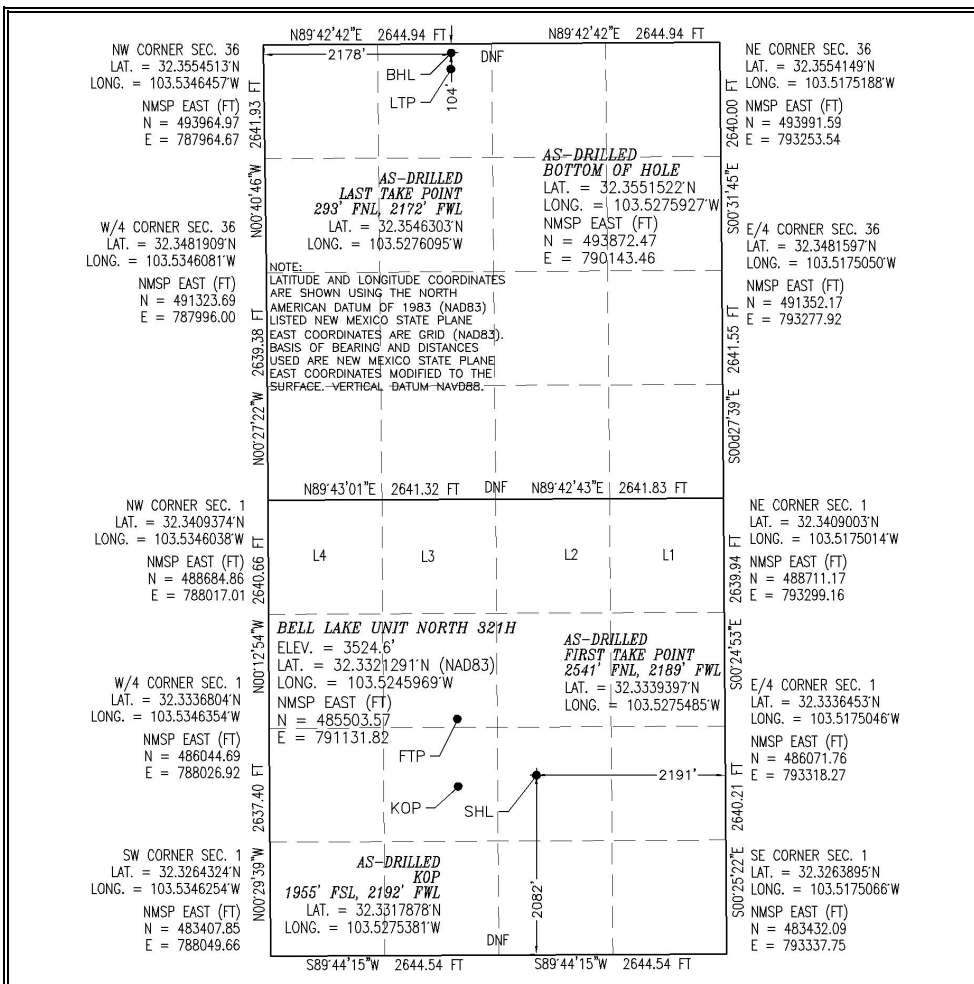
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



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 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 _____ Date _____
 Printed Name _____
 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.

MAY 20, 2021
 Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: FILED PROFESSIONAL SURVEYOR NO. 5768C

Intent As Drilled

API #		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: BELL LAKE UNIT NORTH	Well Number 321H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	1	23S	33E		1955	SOUTH	2192	WEST	LEA
Latitude 32.3317878					Longitude 103.5275381				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	1	23S	33E		2541	NORTH	2189	WEST	LEA
Latitude 32.3339397					Longitude 103.5275485				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	36	22S	33E		293	NORTH	2172	WEST	LEA
Latitude 32.3546303					Longitude 103.5276095				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 #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018



Job Number: HU200141
Company: Kaiser Francis
Lease/Well: BLUN 321H
Location: Lea County
Rig Name: Cactus 166
State/Country: New Mexico/ Lea County
Country: USA
API Number: 30-025-47818

Elev. GL: 3524.50 ft **RKB:** 23.00 ft
System: US State Plane 1927 (Exact solution)
Group: New Mexico East 3001
Datum: CLARKE 1866
Mag. Decl.: 6.43° (C:\HawkEye\IGRF2005.MIF)
Grid Conv.: 0.43284 E
Date: Thursday, November 12, 2020



Calculated by HawkEye Software
 Minimum Curvature Method
 Vertical Section Plane 359.52°
 Northing (US ft): 485443.66 Easting (US ft): 749948.66
 Latitude: 32°19'55.2195" N Longitude: -103°31'26.8165" W
 Direction Reference: Grid North

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	VS (Ft)	NS (Ft)	EW (Ft)	Build Rate %/100 Ft	Walk Rate %/100 Ft	Tool Face Deg	DLS %/100 Ft
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
139.00	0.50	142.41	139.00	-0.48	-0.48	0.37	0.36	102.45	100.48	0.36
233.00	0.53	174.82	232.99	-1.24	-1.24	0.66	0.03	34.48	-75.47	0.31
324.00	0.59	159.76	323.99	-2.10	-2.10	0.86	0.07	-16.55	129.38	0.17
415.00	0.49	177.68	414.99	-2.93	-2.93	1.04	-0.11	19.69	157.27	0.21
506.00	0.19	249.73	505.98	-3.37	-3.37	0.91	-0.33	79.18	82.29	0.51
598.00	0.41	304.68	597.98	-3.24	-3.23	0.50	0.24	59.73	50.21	0.37
690.00	0.54	319.20	689.98	-2.72	-2.72	-0.06	0.14	15.78	18.27	0.19
782.00	0.58	320.50	781.98	-2.02	-2.03	-0.64	0.04	1.41	111.52	0.05
874.00	0.54	339.69	873.97	-1.25	-1.26	-1.08	-0.04	20.86	-33.95	0.21
964.00	0.66	332.93	963.97	-0.39	-0.40	-1.47	0.13	-7.51	122.05	0.15
1056.00	0.58	349.66	1055.96	0.54	0.53	-1.79	-0.09	18.18	39.10	0.21
1070.00	0.76	359.99	1069.96	0.70	0.69	-1.80	1.29	73.79	27.55	1.54
1146.00	1.60	14.85	1145.94	2.23	2.22	-1.53	1.11	19.55	156.01	1.17
1237.00	0.79	46.28	1236.92	3.89	3.88	-0.75	-0.89	34.54	149.08	1.11
1328.00	1.17	175.07	1327.92	3.39	3.39	-0.22	0.42	141.53	37.81	1.95
1419.00	1.69	187.77	1418.89	1.13	1.13	-0.32	0.57	13.96	-173.73	0.67
1511.00	1.11	184.47	1510.86	-1.10	-1.10	-0.57	-0.63	-3.59	79.95	0.64
1606.00	1.29	206.51	1605.84	-2.97	-2.97	-1.12	0.19	23.20	35.92	0.52
1700.00	2.73	226.34	1699.78	-5.44	-5.47	-3.21	1.53	21.10	29.76	1.68
1794.00	4.08	236.71	1793.61	-8.78	-8.85	-7.63	1.44	11.03	32.33	1.57
1888.00	4.65	241.06	1887.34	-12.41	-12.53	-13.76	0.61	4.63	-61.87	0.70
1983.00	4.87	236.54	1982.01	-16.44	-16.61	-20.49	0.23	-4.76	-31.23	0.46
2077.00	5.46	232.85	2075.63	-21.28	-21.51	-27.39	0.63	-3.93	-60.22	0.72
2172.00	5.76	227.98	2170.18	-27.15	-27.44	-34.53	0.32	-5.13	4.81	0.59
2266.00	5.97	228.15	2263.69	-33.50	-33.85	-41.68	0.22	0.18	4.13	0.22
2361.00	6.52	228.50	2358.12	-40.31	-40.72	-49.40	0.58	0.37	49.47	0.58
2455.00	7.53	236.84	2451.42	-47.14	-47.63	-58.55	1.07	8.87	64.75	1.52
2549.00	8.36	247.08	2544.52	-53.07	-53.66	-70.00	0.88	10.89	106.44	1.74
2644.00	8.07	257.01	2638.55	-57.15	-57.85	-82.86	-0.31	10.45	131.86	1.52
2739.00	7.58	261.34	2732.66	-59.49	-60.29	-95.55	-0.52	4.56	-5.74	0.81
2834.00	7.88	261.12	2826.80	-61.33	-62.24	-108.18	0.32	-0.23	141.52	0.32
2929.00	7.76	261.83	2920.92	-63.14	-64.16	-120.96	-0.13	0.75	147.75	0.16
3023.00	7.31	264.09	3014.11	-64.56	-65.67	-133.19	-0.48	2.40	34.39	0.57
3117.00	8.44	269.21	3107.22	-65.16	-66.39	-146.04	1.20	5.45	-5.75	1.41
3211.00	9.93	268.34	3200.01	-65.36	-66.72	-161.04	1.59	-0.93	-6.02	1.59
3306.00	10.86	267.82	3293.45	-65.80	-67.29	-178.17	0.98	-0.55	176.81	0.98
3401.00	10.50	267.93	3386.81	-66.30	-67.95	-195.76	-0.38	0.12	-164.12	0.38
3495.00	10.25	267.53	3479.27	-66.83	-68.62	-212.68	-0.27	-0.43	-162.98	0.28
3589.00	9.01	265.09	3571.94	-67.69	-69.61	-228.37	-1.32	-2.60	-162.23	1.39
3684.00	7.35	260.88	3665.97	-69.18	-71.21	-241.78	-1.75	-4.43	-170.17	1.86
3779.00	6.71	259.93	3760.26	-71.02	-73.14	-253.25	-0.67	-1.00	-1.77	0.68
3873.00	8.41	259.57	3853.44	-73.12	-75.35	-265.41	1.81	-0.38	35.50	1.81
3968.00	10.75	268.10	3947.11	-74.54	-76.90	-281.10	2.46	8.98	73.16	2.87

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	VS (Ft)	NS (Ft)	EW (Ft)	Build Rate %/100 Ft	Walk Rate %/100 Ft	Tool Face Deg	DLS %/100 Ft
4062.00	11.15	273.97	4039.40	-74.05	-76.56	-298.93	0.43	6.24	-172.24	1.26
4157.00	10.47	273.46	4132.72	-72.75	-75.40	-316.71	-0.72	-0.54	-126.93	0.72
4252.00	9.71	266.97	4226.25	-72.51	-75.30	-333.33	-0.80	-6.83	169.47	1.44
4347.00	9.31	267.43	4319.94	-73.15	-76.07	-349.01	-0.42	0.48	141.02	0.43
4441.00	8.43	272.47	4412.82	-73.07	-76.12	-363.49	-0.94	5.36	-76.42	1.25
4536.00	8.54	269.68	4506.78	-72.69	-75.86	-377.50	0.12	-2.94	-83.15	0.45
4630.00	8.64	265.43	4599.73	-73.17	-76.46	-391.52	0.11	-4.52	153.94	0.68
4725.00	7.58	269.43	4693.78	-73.69	-77.09	-404.90	-1.12	4.21	-164.76	1.26
4819.00	6.98	268.08	4787.02	-73.85	-77.34	-416.80	-0.64	-1.44	-127.67	0.66
4855.00	6.91	267.32	4822.75	-73.98	-77.52	-421.15	-0.19	-2.11	153.70	0.32
4925.00	6.64	268.48	4892.27	-74.22	-77.82	-429.40	-0.39	1.66	-29.17	0.43
5019.00	7.93	263.38	4985.51	-75.01	-78.71	-441.28	1.37	-5.43	-17.78	1.53
5114.00	9.84	259.83	5079.36	-77.08	-80.90	-455.78	2.01	-3.74	-1.34	2.09
5208.00	10.30	259.77	5171.91	-79.85	-83.81	-471.96	0.49	-0.06	3.45	0.49
5303.00	10.42	259.81	5265.37	-82.74	-86.84	-488.77	0.13	0.04	-46.89	0.13
5398.00	10.56	259.00	5358.78	-85.78	-90.02	-505.77	0.15	-0.85	-41.10	0.21
5493.00	10.66	258.53	5452.15	-89.04	-93.43	-522.93	0.11	-0.49	-138.00	0.14
5587.00	10.40	257.22	5544.57	-92.51	-97.03	-539.72	-0.28	-1.39	-142.41	0.38
5682.00	10.15	256.12	5638.05	-96.28	-100.94	-556.21	-0.26	-1.16	87.92	0.33
5777.00	10.25	262.37	5731.55	-99.27	-104.07	-572.71	0.11	6.58	171.17	1.17
5872.00	9.78	262.80	5825.10	-101.26	-106.20	-589.10	-0.49	0.45	-172.28	0.50
5966.00	8.64	261.77	5917.89	-103.15	-108.21	-604.01	-1.21	-1.10	-167.26	1.23
6060.00	7.90	260.55	6010.91	-105.11	-110.29	-617.37	-0.79	-1.30	-20.04	0.81
6155.00	8.78	258.46	6104.90	-107.52	-112.81	-630.91	0.93	-2.20	22.67	0.98
6250.00	10.25	261.87	6198.60	-110.03	-115.45	-646.38	1.55	3.59	38.65	1.66
6344.00	10.64	263.54	6291.04	-112.05	-117.61	-663.29	0.41	1.78	-99.10	0.53
6439.00	10.61	262.46	6384.41	-114.04	-119.75	-680.67	-0.03	-1.14	-108.66	0.21
6533.00	10.58	261.97	6476.81	-116.24	-122.09	-697.79	-0.03	-0.52	-140.49	0.10
6627.00	10.44	261.33	6569.23	-118.59	-124.58	-714.76	-0.15	-0.68	-172.18	0.19
6721.00	10.01	260.99	6661.74	-121.01	-127.14	-731.25	-0.46	-0.36	177.15	0.46
6815.00	9.64	261.10	6754.36	-123.37	-129.64	-747.09	-0.39	0.12	-159.09	0.39
6910.00	9.23	260.12	6848.07	-125.78	-132.18	-762.46	-0.43	-1.03	171.87	0.46
7004.00	9.13	260.21	6940.87	-128.22	-134.74	-777.23	-0.11	0.10	-47.55	0.11
7099.00	9.25	259.40	7034.65	-130.78	-137.42	-792.16	0.13	-0.85	-136.26	0.19
7194.00	9.08	258.36	7128.44	-133.58	-140.34	-807.01	-0.18	-1.09	-120.74	0.25
7288.00	9.01	257.60	7221.27	-136.53	-143.42	-821.46	-0.07	-0.81	-151.05	0.15
7383.00	8.70	256.46	7315.13	-139.69	-146.70	-835.71	-0.33	-1.20	-175.70	0.37
7478.00	7.67	255.88	7409.17	-142.81	-149.93	-848.85	-1.08	-0.61	177.88	1.09
7573.00	7.01	256.08	7503.39	-145.65	-152.87	-860.62	-0.69	0.21	43.19	0.70
7668.00	7.27	257.98	7597.65	-148.20	-155.51	-872.13	0.27	2.00	-173.07	0.37
7763.00	6.66	257.34	7691.95	-150.57	-157.97	-883.38	-0.64	-0.67	-136.54	0.65
7858.00	6.52	256.16	7786.32	-152.98	-160.47	-894.00	-0.15	-1.24	-169.79	0.21
7952.00	5.10	253.27	7879.84	-155.38	-162.95	-903.18	-1.51	-3.07	-173.94	1.54
8045.00	4.17	251.91	7972.53	-157.56	-165.19	-910.35	-1.00	-1.46	-175.82	1.01
8141.00	2.66	249.53	8068.36	-159.38	-167.05	-915.76	-1.57	-2.48	-142.04	1.58
8235.00	1.88	226.99	8162.28	-161.16	-168.87	-918.93	-0.83	-23.98	-167.69	1.25
8329.00	1.39	222.54	8256.25	-163.04	-170.76	-920.83	-0.52	-4.73	-156.04	0.54
8424.00	0.98	211.33	8351.23	-164.57	-172.30	-922.03	-0.43	-11.80	-115.99	0.49
8518.00	0.91	170.79	8445.21	-165.99	-173.73	-922.33	-0.07	-43.13	-153.27	0.70
8613.00	0.59	61.43	8540.21	-166.51	-174.24	-921.78	-0.34	-115.12	-38.02	1.30
8706.00	0.95	45.90	8633.20	-165.75	-173.47	-920.80	0.39	-16.70	55.29	0.44
8801.00	1.15	58.42	8728.19	-164.72	-172.42	-919.42	0.21	13.18	63.67	0.32
8896.00	1.35	72.32	8823.16	-163.89	-171.58	-917.55	0.21	14.63	-84.71	0.38
8991.00	1.57	46.50	8918.13	-162.67	-170.35	-915.54	0.23	-27.18	-94.02	0.72
9086.00	2.18	358.39	9013.09	-159.98	-167.65	-914.64	0.64	-50.64	-170.82	1.71
9181.00	1.16	350.12	9108.05	-157.22	-164.89	-914.86	-1.07	-8.71	155.44	1.10

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	VS (Ft)	NS (Ft)	EW (Ft)	Build Rate %/100 Ft	Walk Rate %/100 Ft	Tool Face Deg	DLS %/100 Ft
9276.00	0.50	70.89	9203.04	-156.14	-163.81	-914.63	-0.69	85.02	14.33	1.25
9370.00	1.47	80.39	9297.02	-155.82	-163.47	-913.06	1.03	10.11	-135.65	1.04
9465.00	1.03	38.74	9392.00	-154.96	-162.60	-911.32	-0.46	-43.84	-99.23	1.03
9559.00	1.13	3.62	9485.99	-153.39	-161.02	-910.73	0.11	-37.36	137.59	0.70
9654.00	0.92	17.14	9580.97	-151.72	-159.36	-910.45	-0.22	14.23	97.60	0.34
9748.00	0.96	42.95	9674.96	-150.43	-158.06	-909.69	0.04	27.46	37.00	0.45
9842.00	1.78	61.01	9768.93	-149.16	-156.78	-907.88	0.87	19.21	160.41	0.98
9937.00	0.64	152.61	9863.91	-148.93	-156.53	-906.34	-1.20	96.42	58.16	2.01
10032.00	1.22	184.31	9958.90	-150.41	-158.01	-906.17	0.61	33.37	-11.02	0.79
10127.00	1.68	181.27	10053.87	-152.81	-160.41	-906.28	0.48	-3.20	170.76	0.49
10222.00	0.27	264.61	10148.86	-154.23	-161.83	-906.53	-1.48	87.73	164.18	1.76
10316.00	1.24	65.39	10242.85	-153.83	-161.42	-905.83	1.03	171.04	-157.75	1.59
10411.00	0.48	345.57	10337.84	-153.02	-160.61	-904.99	-0.80	-84.02	-70.38	1.31
10506.00	2.80	284.48	10432.80	-152.04	-159.64	-907.34	2.44	-64.31	150.86	2.74
10601.00	2.40	289.96	10527.70	-150.74	-158.38	-911.46	-0.42	5.77	144.92	0.50
10696.00	1.49	322.64	10622.65	-149.06	-156.72	-914.08	-0.96	34.40	120.13	1.47
10754.00	1.29	350.15	10680.63	-147.81	-155.48	-914.64	-0.34	47.43	55.10	1.19
10881.00	2.66	21.82	10807.56	-143.68	-151.34	-913.79	1.08	24.94	10.13	1.34
10976.00	5.48	27.06	10902.31	-137.61	-145.25	-910.91	2.97	5.52	-35.33	2.99
11071.00	12.41	6.41	10996.12	-123.44	-131.04	-907.70	7.29	-21.74	64.16	7.93
11115.00	13.10	12.13	11039.03	-113.88	-121.47	-906.13	1.57	13.00	-78.87	3.27
11144.00	13.44	6.20	11067.26	-107.32	-114.91	-905.07	1.17	-20.45	-31.04	4.84
11239.00	20.60	354.59	11158.06	-79.66	-87.25	-905.46	7.54	-12.22	-4.39	8.31
11334.00	30.62	353.09	11243.62	-38.86	-46.49	-909.95	10.55	-1.58	22.81	10.57
11429.00	40.45	359.32	11320.86	16.15	8.50	-913.24	10.35	6.56	7.11	11.02
11479.00	46.00	0.28	11357.28	50.38	42.73	-913.34	11.10	1.92	-11.71	11.18
11524.00	50.08	359.18	11387.36	83.83	76.18	-913.51	9.07	-2.44	-1.32	9.25
11619.00	62.49	358.86	11439.99	162.69	155.04	-914.88	13.06	-0.34	9.07	13.07
11697.00	75.53	0.99	11467.87	235.35	227.70	-914.91	16.72	2.73	18.39	16.91
11736.00	80.98	2.82	11475.81	273.49	265.84	-913.64	13.97	4.69	-16.62	14.71
11831.00	86.44	1.19	11486.21	367.79	360.18	-910.34	5.75	-1.72	-28.09	5.99
11926.00	89.44	359.59	11489.63	462.70	455.10	-909.70	3.16	-1.68	-88.00	3.58
12021.00	89.50	357.88	11490.51	557.69	550.07	-911.80	0.06	-1.80	-65.96	1.80
12116.00	90.08	356.58	11490.86	652.61	644.95	-916.39	0.61	-1.37	9.38	1.50
12211.00	91.23	356.77	11489.77	747.48	739.78	-921.90	1.21	0.20	94.15	1.23
12313.00	91.09	358.69	11487.70	849.41	841.68	-925.93	-0.14	1.88	-146.22	1.89
12408.00	89.55	357.66	11487.17	944.37	936.63	-928.96	-1.62	-1.08	161.10	1.95
12503.00	88.82	357.91	11488.53	1039.32	1031.54	-932.63	-0.77	0.26	85.72	0.81
12598.00	88.91	359.11	11490.41	1134.29	1126.49	-935.10	0.09	1.26	168.89	1.27
12693.00	87.79	359.33	11493.14	1229.24	1221.44	-936.39	-1.18	0.23	72.55	1.20
12788.00	88.01	0.03	11496.62	1324.18	1316.38	-936.92	0.23	0.74	-146.23	0.77
12883.00	86.92	359.30	11500.83	1419.08	1411.28	-937.48	-1.15	-0.77	-20.50	1.38
12978.00	88.23	358.81	11504.85	1513.99	1506.18	-939.04	1.38	-0.52	-135.27	1.47
13073.00	86.89	357.48	11508.89	1608.88	1601.04	-942.12	-1.41	-1.40	-37.38	1.99
13168.00	87.95	356.67	11513.17	1703.69	1695.82	-946.96	1.12	-0.85	-83.09	1.40
13263.00	87.99	356.34	11516.53	1798.50	1790.58	-952.75	0.04	-0.35	141.37	0.35
13358.00	87.39	356.82	11520.36	1893.30	1885.33	-958.41	-0.63	0.51	61.39	0.81
13453.00	87.99	357.92	11524.19	1988.15	1980.15	-962.76	0.63	1.16	4.29	1.32
13548.00	89.19	358.01	11526.53	2083.08	2075.06	-966.14	1.26	0.09	134.28	1.27
13643.00	86.66	0.61	11529.97	2178.01	2169.98	-967.28	-2.66	2.74	172.97	3.82
13738.00	85.77	0.72	11536.24	2272.78	2264.76	-966.18	-0.94	0.12	-35.21	0.94
13833.00	86.86	359.95	11542.34	2367.57	2359.56	-965.63	1.15	-0.81	34.77	1.40
13928.00	87.45	0.36	11547.06	2462.45	2454.45	-965.37	0.62	0.43	-69.94	0.76
14023.00	87.68	359.73	11551.10	2557.36	2549.36	-965.30	0.24	-0.66	-49.11	0.71
14118.00	88.65	358.61	11554.14	2652.30	2644.30	-966.67	1.02	-1.18	101.74	1.56
14213.00	88.43	359.67	11556.56	2747.27	2739.26	-968.10	-0.23	1.12	132.13	1.14

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	VS (Ft)	NS (Ft)	EW (Ft)	Build Rate %/100 Ft	Walk Rate %/100 Ft	Tool Face Deg	DLS %/100 Ft
14308.00	87.22	1.01	11560.16	2842.19	2834.18	-967.53	-1.27	1.41	-179.42	1.90
14403.00	86.24	1.00	11565.58	2937.00	2929.01	-965.87	-1.03	-0.01	-16.27	1.03
14498.00	86.89	0.81	11571.27	3031.80	3023.83	-964.37	0.68	-0.20	-14.61	0.71
14593.00	88.04	0.51	11575.48	3126.69	3118.73	-963.28	1.21	-0.32	-169.05	1.25
14687.00	87.73	0.45	11578.95	3220.61	3212.66	-962.49	-0.33	-0.06	-130.40	0.34
14783.00	86.94	359.52	11583.41	3316.50	3308.55	-962.52	-0.82	-0.97	-44.73	1.27
14878.00	88.01	358.46	11587.59	3411.40	3403.44	-964.19	1.13	-1.12	174.89	1.58
14973.00	86.00	358.64	11592.56	3506.25	3498.28	-966.59	-2.12	0.19	-26.35	2.12
15067.00	87.17	358.06	11598.16	3600.07	3592.07	-969.29	1.24	-0.62	-154.21	1.39
15162.00	86.86	357.91	11603.10	3694.90	3686.88	-972.63	-0.33	-0.16	112.38	0.36
15258.00	86.63	358.47	11608.56	3790.72	3782.68	-975.66	-0.24	0.58	-41.27	0.63
15353.00	88.18	357.11	11612.86	3885.58	3877.51	-979.32	1.63	-1.43	164.37	2.17
15448.00	87.68	357.25	11616.29	3980.43	3972.33	-983.99	-0.53	0.15	116.75	0.55
15543.00	86.42	359.76	11621.18	4075.28	4067.16	-986.46	-1.33	2.64	125.74	2.95
15638.00	85.71	0.75	11627.70	4170.05	4161.94	-986.04	-0.75	1.04	-67.57	1.28
15733.00	86.11	359.78	11634.47	4264.80	4256.69	-985.60	0.42	-1.02	-51.40	1.10
15827.00	86.70	359.04	11640.37	4358.61	4350.50	-986.57	0.63	-0.79	18.03	1.01
15922.00	87.99	359.46	11644.77	4453.51	4445.39	-987.81	1.36	0.44	109.15	1.43
16017.00	87.37	1.25	11648.61	4548.41	4540.30	-987.23	-0.65	1.88	141.33	1.99
16112.00	86.41	2.02	11653.77	4643.21	4635.12	-984.52	-1.01	0.81	85.91	1.29
16207.00	86.42	2.16	11659.71	4737.93	4729.87	-981.06	0.01	0.15	25.95	0.15
16302.00	87.57	2.72	11664.69	4832.67	4824.66	-977.02	1.21	0.59	141.37	1.35
16397.00	87.42	2.84	11668.84	4927.43	4919.45	-972.42	-0.16	0.13	27.95	0.20
16492.00	88.23	3.27	11672.45	5022.18	5014.25	-967.36	0.85	0.45	-63.17	0.97
16586.00	88.66	2.42	11675.00	5115.98	5108.10	-962.70	0.46	-0.90	-133.42	1.01
16681.00	87.29	0.97	11678.35	5210.85	5202.99	-959.89	-1.44	-1.53	-13.46	2.10
16776.00	88.46	0.69	11681.88	5305.76	5297.91	-958.51	1.23	-0.29	-123.88	1.27
16871.00	87.14	358.72	11685.52	5400.68	5392.84	-959.00	-1.39	-2.07	0.75	2.49
16966.00	87.90	358.73	11689.63	5495.58	5487.72	-961.11	0.80	0.01	-13.18	0.80
17061.00	89.78	358.29	11691.56	5590.54	5582.67	-963.58	1.98	-0.46	-58.17	2.03
17156.00	90.14	357.71	11691.62	5685.51	5677.61	-966.90	0.38	-0.61	157.00	0.72
17251.00	87.08	359.01	11693.93	5780.45	5772.53	-969.62	-3.22	1.37	-59.65	3.50
17346.00	87.56	358.19	11698.37	5875.33	5867.40	-971.93	0.51	-0.86	-44.32	1.00
17441.00	88.82	356.96	11701.37	5970.23	5962.26	-975.95	1.33	-1.29	33.06	1.85
17536.00	90.08	357.78	11702.28	6065.15	6057.15	-980.31	1.33	0.86	86.82	1.58
17631.00	90.14	358.86	11702.10	6160.13	6152.11	-983.10	0.06	1.14	149.88	1.14
17726.00	87.78	0.23	11703.82	6255.10	6247.08	-983.85	-2.48	1.44	-58.85	2.87
17821.00	88.07	359.75	11707.26	6350.04	6342.02	-983.87	0.31	-0.51	-83.58	0.59
17916.00	88.15	359.04	11710.40	6444.99	6436.96	-984.87	0.08	-0.75	178.96	0.75
18011.00	86.50	359.07	11714.83	6539.88	6531.84	-986.43	-1.74	0.03	-167.23	1.74
18106.00	85.62	358.87	11721.36	6634.65	6626.60	-988.14	-0.93	-0.21	-7.41	0.95
18201.00	87.08	358.68	11727.41	6729.44	6721.38	-990.17	1.54	-0.20	-38.64	1.55
18296.00	87.68	358.20	11731.75	6824.33	6816.25	-992.75	0.63	-0.51	165.40	0.81
18391.00	85.88	358.67	11737.08	6919.16	6911.06	-995.34	-1.89	0.49	-90.01	1.96
18486.00	85.88	358.41	11743.91	7013.90	7005.78	-997.75	0.00	-0.27	9.36	0.27
18581.00	86.91	358.58	11749.88	7108.69	7100.56	-1000.24	1.08	0.18	19.27	1.10
18676.00	87.11	358.65	11754.84	7203.55	7195.40	-1002.54	0.21	0.07	89.19	0.22
18771.00	87.15	1.26	11759.60	7298.42	7290.28	-1002.61	0.04	2.75	-142.93	2.74
18865.00	86.78	0.98	11764.57	7392.25	7384.13	-1000.78	-0.39	-0.30	-143.18	0.49
18960.00	86.58	0.83	11770.07	7487.06	7478.96	-999.28	-0.21	-0.16	-28.67	0.26
19055.00	87.00	0.60	11775.39	7581.89	7573.80	-998.09	0.44	-0.24	34.79	0.50
19150.00	87.23	0.76	11780.18	7676.75	7668.67	-996.97	0.24	0.17	-25.85	0.29
19244.00	87.56	0.60	11784.45	7770.64	7762.57	-995.85	0.35	-0.17	-29.73	0.39
19339.00	87.98	0.36	11788.14	7865.55	7857.49	-995.06	0.44	-0.25	28.06	0.51
19434.00	88.43	0.60	11791.12	7960.49	7952.44	-994.26	0.47	0.25	-20.30	0.54
19529.00	89.16	0.33	11793.12	8055.46	8047.42	-993.49	0.77	-0.28	14.80	0.82

Measured Depth (Ft)	INC Deg	AZM Deg	TVD (Ft)	VS (Ft)	NS (Ft)	EW (Ft)	Build Rate °/100 Ft	Walk Rate °/100 Ft	Tool Face Deg	DLS °/100 Ft
19624.00	89.69	0.47	11794.07	8150.44	8142.41	-992.83	0.56	0.15	45.87	0.58
19719.00	90.34	1.14	11794.05	8245.42	8237.40	-991.50	0.68	0.71	19.80	0.98
BIT PROJECTION - Begin Build and Turn @ 19785.00MD ,0.50°/100 Ft										
19785.00	90.84	1.32	11793.37	8311.38	8303.38	-990.08	0.76	0.27	0.00	0.81
EOP @ 11792.19 Ft TVD										
19852.00	91.17	1.33	11792.19	8378.34	8370.35	-988.53	0.50	0.01	0.00	0.50

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 143375

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 143375
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/16/2022