

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 - 025-47190	⁵ Pool Name Wildcat Upper Wolfcamp Oil Pool		⁶ Pool Code 98158
⁷ Property Code 5467	⁸ Property Name Red Hills Federal		⁹ Well Number 604H

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
B	31	25S	33E		250	North	2570	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
0	6	26S	33E		164	South	1811	East	Lea
¹² Lse Code F	¹³ Producing Method Code F		¹⁴ Gas Connection Date		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	G
	1515 Araphoe St., Suite 1600	
	Denver, CO 80202	
	Plains Pipeline LP	O
	333 Clay St., #1600	
	Houston, TX 77002	

IV. Well Completion Data

²¹ Spud Date 7/18/20	²² Ready Date 2/20/21	²³ TD 23,096MD/ 12697TVD	²⁴ PBTD 22,945MD/ 12701TVD	²⁵ Perforations 13087' - 22910'	²⁶ DHC, MC -	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
17 - 1/2		13 - 3/8		996		1,145 SX
12 - 1/4		10 - 3/4		5,015		980 SX
9 - 7/8		7 - 5/8		11,800		1,220 SX
6 - 3/4		5 - 1/2		23,086		1,710 SX

V. Well Test Data

³¹ Date New Oil 2/20/21	³² Gas Delivery Date 2/20/21	³³ Test Date 3/16/21	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure -	³⁶ Csg. Pressure 3839
³⁷ Choke Size 26/64	³⁸ Oil 758	³⁹ Water 4036	⁴⁰ Gas 2639		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: Erica Miles			OIL CONSERVATION DIVISION Approved by: Title: Approval Date: 		
Printed name: Erica Miles					
Title: Geosciences Technician					
E-mail Address: EricaM@kfoc.net					
Date: 5/12/21		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
As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-47190	² Pool Code 98158	³ Pool Name Wildcat Upper Wolfcamp Oil Pool
⁴ Property Code 5467	⁵ Property Name RED HILLS FEDERAL	⁶ Well Number 604H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 3410.4

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
B	31	25 S	33 E		250	NORTH	2570	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
O	6	26 S	33 E		164	SOUTH	1811	EAST	LEA

¹² Dedicated Acres 640	¹³ Joint or Infill -	¹⁴ Consolidation Code -	¹⁵ Order No. R-21511
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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. 5/12/21 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. FEBRUARY 4, 2021 Date of Survey _____ Signature and Seal of Professional Surveyor: Certificate Number: 12797 Survey No. 6450E
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Intent ☐ As Drilled ☒

API # 30-025-47190		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: RED HILLS FEDERAL	Well Number 604H

Kick Off Point (KOP)

UL B	Section 31	Township 25S	Range 33E	Lot	Feet 44	From N/S NORTH	Feet 1912	From E/W EAST	County LEA
Latitude 32.0941991					Longitude 103.6090273				NAD 83

First Take Point (FTP)

UL B	Section 31	Township 25S	Range 33E	Lot	Feet 468	From N/S NORTH	Feet 1775	From E/W EAST	County LEA
Latitude 32.0930337					Longitude 103.6085861				NAD 83

Last Take Point (LTP)

UL O	Section 6	Township 26S	Range 33E	Lot	Feet 289	From N/S SOUTH	Feet 1809	From E/W EAST	County LEA
Latitude 32.0660901					Longitude 103.6086880				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 # 30-025-45572		
Operator Name: Kaiser-Francis Oil Company	Property Name: Red Hills Federal	Well Number 401H

KZ 06/29/2018



KAISER FRANCIS OIL CO.

LEA COUNTY, N.M.

RED HILLS PAD 7

604H

HORIZONTAL

Survey: Survey #1

Standard Survey Report

08 August, 2020

Kaiser-Francis Oil Company



SB Directional Services

Survey Report

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well 604H
Project:	LEA COUNTY, N.M.	TVD Reference:	GE-KB @ 3433.00usft (CAC 166)
Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Project	LEA COUNTY, N.M.		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	RED HILLS PAD 7		
Site Position:		Northing:	398,443.02 usft
From:	Map	Easting:	724,008.72 usft
Position Uncertainty:	0.00 usft	Slot Radius:	17-1/2 "
		Latitude:	32.09337
		Longitude:	-103.60999
		Grid Convergence:	0.38 °

Well	604H		
Well Position	+N/-S	0.00 usft	Northing: 398,491.46 usft
	+E/-W	0.00 usft	Easting: 723,793.40 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,410.40 usft
		Latitude:	32.09351
		Longitude:	-103.61068
		Ground Level:	3,410.40 usft

Wellbore	HORIZONTAL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	07/20/20	6.66	59.81	47,506.73145227

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)	Direction (°)	
	0.00	0.00	0.00	180.00	

Survey Program	Date	08/08/20			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
181.00	23,096.00	Survey #1 (HORIZONTAL)	MWD	OWSG MWD - Standard	

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
RH SHL 604H										
181.00	0.62	334.73	181.00	0.89	-0.42	-0.89	0.34	0.34	0.00	
241.00	0.79	295.79	240.99	1.36	-0.93	-1.36	0.83	0.28	-64.90	
332.00	1.01	301.15	331.98	2.05	-2.18	-2.05	0.26	0.24	5.89	
423.00	0.48	309.15	422.97	2.70	-3.16	-2.70	0.59	-0.58	8.79	
515.00	1.05	344.04	514.96	3.76	-3.69	-3.76	0.77	0.62	37.92	
606.00	0.66	278.39	605.96	4.63	-4.44	-4.63	1.08	-0.43	-72.14	
697.00	0.31	282.34	696.95	4.76	-5.20	-4.76	0.39	-0.38	4.34	
787.00	0.44	265.03	786.95	4.79	-5.78	-4.79	0.19	0.14	-19.23	
887.00	0.84	245.34	886.94	4.45	-6.83	-4.45	0.45	0.40	-19.69	



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Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
960.00	1.14	284.72	959.93	4.41	-8.02	-4.41	0.99	0.41	53.95
1,062.00	1.93	285.33	1,061.90	5.12	-10.66	-5.12	0.77	0.77	0.60
1,122.00	1.71	273.82	1,121.87	5.45	-12.52	-5.45	0.71	-0.37	-19.18
1,182.00	1.45	268.19	1,181.84	5.48	-14.18	-5.48	0.50	-0.43	-9.38
1,244.00	0.88	244.11	1,243.83	5.25	-15.39	-5.25	1.19	-0.92	-38.84
1,304.00	0.22	163.08	1,303.83	4.94	-15.77	-4.94	1.46	-1.10	-135.05
1,364.00	0.44	122.03	1,363.83	4.71	-15.54	-4.71	0.52	0.37	-68.42
1,424.00	0.53	113.16	1,423.83	4.47	-15.09	-4.47	0.19	0.15	-14.78
1,485.00	0.44	148.57	1,484.82	4.16	-14.71	-4.16	0.50	-0.15	58.05
1,516.00	0.44	147.78	1,515.82	3.96	-14.58	-3.96	0.02	0.00	-2.55
1,613.00	0.62	142.51	1,612.82	3.23	-14.07	-3.23	0.19	0.19	-5.43
1,708.00	0.35	136.71	1,707.82	2.61	-13.55	-2.61	0.29	-0.28	-6.11
1,803.00	0.57	145.59	1,802.81	2.01	-13.09	-2.01	0.24	0.23	9.35
1,898.00	0.48	156.40	1,897.81	1.26	-12.66	-1.26	0.14	-0.09	11.38
1,993.00	0.70	122.82	1,992.80	0.58	-12.01	-0.58	0.42	0.23	-35.35
2,088.00	0.84	135.13	2,087.79	-0.23	-11.04	0.23	0.23	0.15	12.96
2,183.00	0.79	111.22	2,182.79	-0.96	-9.93	0.96	0.36	-0.05	-25.17
2,278.00	1.01	112.36	2,277.77	-1.52	-8.55	1.52	0.23	0.23	1.20
2,373.00	2.07	99.62	2,372.74	-2.12	-6.08	2.12	1.17	1.12	-13.41
2,468.00	2.29	98.83	2,467.67	-2.70	-2.52	2.70	0.23	0.23	-0.83
2,562.00	3.25	64.64	2,561.56	-1.85	1.75	1.85	1.99	1.02	-36.37
2,657.00	5.05	64.55	2,656.31	1.10	7.96	-1.10	1.89	1.89	-0.09
2,752.00	5.63	65.34	2,750.90	4.84	15.97	-4.84	0.62	0.61	0.83
2,848.00	5.54	61.65	2,846.44	9.01	24.33	-9.01	0.39	-0.09	-3.84
2,942.00	6.42	62.00	2,939.93	13.63	32.96	-13.63	0.94	0.94	0.37
3,038.00	8.22	70.53	3,035.15	18.44	44.17	-18.44	2.19	1.88	8.89
3,133.00	8.18	71.85	3,129.18	22.81	56.99	-22.81	0.20	-0.04	1.39
3,228.00	8.13	69.47	3,223.22	27.27	69.71	-27.27	0.36	-0.05	-2.51
3,323.00	7.82	68.51	3,317.30	31.99	82.01	-31.99	0.36	-0.33	-1.01
3,418.00	8.26	66.75	3,411.36	37.05	94.30	-37.05	0.53	0.46	-1.85
3,513.00	7.69	67.45	3,505.44	42.18	106.44	-42.18	0.61	-0.60	0.74
3,608.00	6.29	68.33	3,599.74	46.54	117.14	-46.54	1.48	-1.47	0.93
3,703.00	6.33	70.70	3,694.16	50.20	126.92	-50.20	0.28	0.04	2.49
3,798.00	6.33	67.10	3,788.58	53.96	136.69	-53.96	0.42	0.00	-3.79
3,893.00	6.55	65.87	3,882.98	58.22	146.46	-58.22	0.27	0.23	-1.29
3,988.00	6.68	64.73	3,977.35	62.79	156.40	-62.79	0.19	0.14	-1.20
4,083.00	6.15	66.75	4,071.75	67.16	166.07	-67.16	0.61	-0.56	2.13
4,178.00	6.24	67.63	4,166.20	71.13	175.52	-71.13	0.14	0.09	0.93
4,273.00	5.98	67.89	4,260.66	74.96	184.88	-74.96	0.28	-0.27	0.27
4,368.00	7.25	58.22	4,355.03	79.98	194.56	-79.98	1.77	1.34	-10.18
4,463.00	6.81	60.42	4,449.31	85.92	204.56	-85.92	0.54	-0.46	2.32
4,558.00	6.46	73.34	4,543.68	90.23	214.58	-90.23	1.61	-0.37	13.60
4,653.00	7.82	70.62	4,637.94	93.91	225.79	-93.91	1.47	1.43	-2.86



SB Directional Services

Survey Report

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well 604H
Project:	LEA COUNTY, N.M.	TVD Reference:	GE-KB @ 3433.00usft (CAC 166)
Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,748.00	9.01	65.78	4,731.92	99.10	238.67	-99.10	1.46	1.25	-5.09
4,843.00	7.91	65.43	4,825.89	104.87	251.40	-104.87	1.16	-1.16	-0.37
4,938.00	7.43	64.64	4,920.04	110.22	262.90	-110.22	0.52	-0.51	-0.83
4,974.00	7.16	65.25	4,955.74	112.16	267.04	-112.16	0.78	-0.75	1.69
5,024.00	6.99	67.19	5,005.36	114.64	272.67	-114.64	0.59	-0.34	3.88
5,119.00	7.87	63.15	5,099.57	119.82	283.81	-119.82	1.08	0.93	-4.25
5,214.00	8.44	59.37	5,193.61	126.31	295.61	-126.31	0.82	0.60	-3.98
5,309.00	10.95	64.73	5,287.24	133.72	309.77	-133.72	2.80	2.64	5.64
5,404.00	11.60	64.29	5,380.41	141.71	326.53	-141.71	0.69	0.68	-0.46
5,499.00	11.91	71.67	5,473.42	148.94	344.45	-148.94	1.61	0.33	7.77
5,594.00	11.38	69.82	5,566.47	155.25	362.55	-155.25	0.68	-0.56	-1.95
5,689.00	11.38	68.42	5,659.60	161.94	380.06	-161.94	0.29	0.00	-1.47
5,784.00	11.16	67.63	5,752.77	168.88	397.28	-168.88	0.28	-0.23	-0.83
5,879.00	10.33	65.61	5,846.10	175.90	413.54	-175.90	0.96	-0.87	-2.13
5,974.00	9.67	65.96	5,939.66	182.67	428.58	-182.67	0.70	-0.69	0.37
6,069.00	10.42	67.45	6,033.20	189.21	443.80	-189.21	0.84	0.79	1.57
6,164.00	10.24	68.07	6,126.66	195.66	459.57	-195.66	0.22	-0.19	0.65
6,259.00	10.24	71.06	6,220.15	201.55	475.39	-201.55	0.56	0.00	3.15
6,354.00	10.07	75.19	6,313.66	206.42	491.41	-206.42	0.79	-0.18	4.35
6,449.00	9.49	83.18	6,407.28	209.47	507.21	-209.47	1.55	-0.61	8.41
6,544.00	9.49	81.51	6,500.98	211.56	522.74	-211.56	0.29	0.00	-1.76
6,639.00	8.92	81.43	6,594.76	213.81	537.76	-213.81	0.60	-0.60	-0.08
6,735.00	8.40	79.93	6,689.67	216.15	552.03	-216.15	0.59	-0.54	-1.56
6,830.00	8.04	78.61	6,783.69	218.67	565.37	-218.67	0.43	-0.38	-1.39
6,925.00	7.30	80.55	6,877.84	220.97	577.84	-220.97	0.83	-0.78	2.04
7,020.00	6.95	80.46	6,972.11	222.92	589.46	-222.92	0.37	-0.37	-0.09
7,115.00	6.55	78.44	7,066.45	224.96	600.44	-224.96	0.49	-0.42	-2.13
7,210.00	5.54	87.58	7,160.92	226.24	610.33	-226.24	1.47	-1.06	9.62
7,305.00	5.23	90.39	7,255.50	226.40	619.24	-226.40	0.43	-0.33	2.96
7,400.00	3.43	90.04	7,350.23	226.37	626.41	-226.37	1.89	-1.89	-0.37
7,495.00	2.55	81.60	7,445.10	226.67	631.35	-226.67	1.03	-0.93	-8.88
7,590.00	2.51	86.00	7,540.00	227.13	635.51	-227.13	0.21	-0.04	4.63
7,685.00	1.32	94.70	7,634.95	227.18	638.68	-227.18	1.29	-1.25	9.16
7,780.00	0.84	109.38	7,729.93	226.86	640.42	-226.86	0.58	-0.51	15.45
7,875.00	0.79	107.62	7,824.92	226.43	641.71	-226.43	0.06	-0.05	-1.85
7,970.00	1.05	111.84	7,919.91	225.91	643.14	-225.91	0.28	0.27	4.44
7,971.14	1.05	111.84	7,921.05	225.90	643.16	-225.90	0.00	0.00	0.00
RH 604 VP									
8,065.00	0.97	116.58	8,014.90	225.23	644.66	-225.23	0.12	-0.09	5.05
8,160.00	1.01	130.29	8,109.88	224.33	646.02	-224.33	0.25	0.04	14.43
8,255.00	1.05	125.46	8,204.87	223.28	647.37	-223.28	0.10	0.04	-5.08
8,350.00	1.19	141.63	8,299.85	222.00	648.69	-222.00	0.36	0.15	17.02
8,445.00	1.01	138.20	8,394.83	220.60	649.86	-220.60	0.20	-0.19	-3.61



SB Directional Services

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Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well 604H
Project:	LEA COUNTY, N.M.	TVD Reference:	GE-KB @ 3433.00usft (CAC 166)
Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,540.00	1.19	147.08	8,489.81	219.15	650.96	-219.15	0.26	0.19	9.35
8,635.00	1.41	149.72	8,584.79	217.31	652.08	-217.31	0.24	0.23	2.78
8,730.00	1.19	150.42	8,679.76	215.45	653.16	-215.45	0.23	-0.23	0.74
8,825.00	1.23	143.65	8,774.74	213.77	654.25	-213.77	0.16	0.04	-7.13
8,920.00	1.10	152.53	8,869.72	212.14	655.27	-212.14	0.23	-0.14	9.35
9,015.00	0.79	143.21	8,964.71	210.80	656.09	-210.80	0.36	-0.33	-9.81
9,110.00	0.92	154.11	9,059.70	209.59	656.81	-209.59	0.22	0.14	11.47
9,205.00	0.75	154.90	9,154.69	208.34	657.41	-208.34	0.18	-0.18	0.83
9,300.00	0.66	150.77	9,249.68	207.30	657.94	-207.30	0.11	-0.09	-4.35
9,395.00	0.18	329.10	9,344.68	206.95	658.13	-206.95	0.88	-0.51	187.72
9,490.00	0.57	298.60	9,439.68	207.31	657.64	-207.31	0.45	0.41	-32.11
9,585.00	0.88	311.96	9,534.67	208.02	656.68	-208.02	0.37	0.33	14.06
9,680.00	1.67	337.28	9,629.65	209.79	655.60	-209.79	1.00	0.83	26.65
9,775.00	1.23	341.93	9,724.62	212.03	654.75	-212.03	0.48	-0.46	4.89
9,870.00	1.05	308.54	9,819.60	213.55	653.76	-213.55	0.71	-0.19	-35.15
9,966.00	1.45	266.70	9,915.58	214.02	651.86	-214.02	1.01	0.42	-43.58
10,061.00	1.49	249.82	10,010.55	213.53	649.50	-213.53	0.46	0.04	-17.77
10,155.00	1.67	252.90	10,104.51	212.70	647.04	-212.70	0.21	0.19	3.28
10,250.00	1.32	266.17	10,199.48	212.22	644.63	-212.22	0.52	-0.37	13.97
10,345.00	1.14	297.46	10,294.46	212.59	642.69	-212.59	0.72	-0.19	32.94
10,440.00	0.26	295.97	10,389.45	213.12	641.66	-213.12	0.93	-0.93	-1.57
10,535.00	0.22	94.61	10,484.45	213.20	641.65	-213.20	0.50	-0.04	166.99
10,630.00	0.40	109.73	10,579.45	213.07	642.14	-213.07	0.21	0.19	15.92
10,725.00	0.79	65.61	10,674.44	213.23	643.05	-213.23	0.61	0.41	-46.44
10,821.00	1.19	44.69	10,770.43	214.21	644.36	-214.21	0.56	0.42	-21.79
10,916.00	2.42	350.20	10,865.39	216.89	644.71	-216.89	2.09	1.29	-57.36
11,011.00	0.53	45.30	10,960.35	219.17	644.68	-219.17	2.27	-1.99	58.00
11,106.00	1.01	134.16	11,055.35	218.90	645.59	-218.90	1.19	0.51	93.54
11,201.00	1.27	301.86	11,150.34	218.87	645.30	-218.87	2.39	0.27	176.53
11,296.00	1.14	222.84	11,245.33	218.74	643.76	-218.74	1.62	-0.14	-83.18
11,391.00	1.41	207.37	11,340.30	217.00	642.58	-217.00	0.46	0.28	-16.28
11,486.00	1.23	179.60	11,435.28	214.95	642.05	-214.95	0.69	-0.19	-29.23
11,581.00	0.48	54.80	11,530.27	214.16	642.38	-214.16	1.64	-0.79	-131.37
11,676.00	2.29	38.01	11,625.24	215.88	643.88	-215.88	1.93	1.91	-17.67
11,755.00	2.33	33.26	11,704.18	218.47	645.73	-218.47	0.25	0.05	-6.01
11,844.00	1.49	67.89	11,793.13	220.42	647.80	-220.42	1.56	-0.94	38.91
11,939.00	1.54	87.32	11,888.09	220.94	650.22	-220.94	0.54	0.05	20.45
12,034.00	1.45	102.08	11,983.06	220.75	652.67	-220.75	0.42	-0.09	15.54
12,129.00	1.80	109.64	12,078.02	220.00	655.25	-220.00	0.43	0.37	7.96
12,224.00	2.11	172.13	12,172.98	217.76	656.89	-217.76	2.15	0.33	65.78
12,319.00	6.59	182.50	12,267.68	210.58	656.89	-210.58	4.77	4.72	10.92
12,414.00	14.55	154.11	12,361.05	194.36	661.88	-194.36	9.77	8.38	-29.88
12,509.00	16.31	138.03	12,452.66	173.70	676.02	-173.70	4.85	1.85	-16.93
12,553.60	18.06	139.03	12,495.27	163.82	684.74	-163.82	3.98	3.92	2.25



SB Directional Services

Survey Report

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well 604H
Project:	LEA COUNTY, N.M.	TVD Reference:	GE-KB @ 3433.00usft (CAC 166)
Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
RH 604 FTP									
12,604.00	20.04	139.96	12,542.91	151.31	695.41	-151.31	3.98	3.93	1.84
12,698.00	36.53	149.72	12,625.44	114.55	720.07	-114.55	18.17	17.54	10.38
12,793.00	50.15	158.24	12,694.43	55.94	748.00	-55.94	15.58	14.34	8.97
12,888.00	65.05	167.65	12,745.27	-20.56	770.89	20.56	17.75	15.68	9.91
12,983.00	79.87	172.22	12,773.84	-109.49	786.53	109.49	16.26	15.60	4.81
13,087.00	91.34	176.79	12,781.80	-212.52	796.41	212.52	11.86	11.03	4.39
13,182.00	92.79	176.88	12,778.37	-307.31	801.65	307.31	1.53	1.53	0.09
13,231.26	93.15	177.93	12,775.82	-356.45	803.88	356.45	2.25	0.74	2.13
RH 604 LP									
13,277.00	93.49	178.90	12,773.17	-402.09	805.14	402.09	2.25	0.74	2.13
13,372.00	93.67	178.72	12,767.24	-496.89	807.11	496.89	0.27	0.19	-0.19
13,467.00	94.68	179.42	12,760.32	-591.62	808.65	591.62	1.29	1.06	0.74
13,562.00	90.07	176.79	12,756.39	-686.45	811.79	686.45	5.59	-4.85	-2.77
13,657.00	90.33	178.55	12,756.05	-781.37	815.65	781.37	1.87	0.27	1.85
13,752.00	91.43	179.42	12,754.59	-876.34	817.33	876.34	1.48	1.16	0.92
13,847.00	92.31	181.62	12,751.49	-971.28	816.47	971.28	2.49	0.93	2.32
13,942.00	90.68	182.94	12,749.02	-1,066.17	812.69	1,066.17	2.21	-1.72	1.39
14,037.00	89.23	183.64	12,749.09	-1,161.01	807.24	1,161.01	1.69	-1.53	0.74
14,131.00	90.20	180.83	12,749.56	-1,254.93	803.58	1,254.93	3.16	1.03	-2.99
14,226.00	88.92	182.06	12,750.29	-1,349.89	801.18	1,349.89	1.87	-1.35	1.29
14,321.00	91.74	182.24	12,749.74	-1,444.81	797.62	1,444.81	2.97	2.97	0.19
14,416.00	91.82	183.47	12,746.79	-1,539.65	792.89	1,539.65	1.30	0.08	1.29
14,511.00	89.71	180.83	12,745.52	-1,634.56	789.33	1,634.56	3.56	-2.22	-2.78
14,606.00	88.35	179.95	12,747.13	-1,729.54	788.68	1,729.54	1.71	-1.43	-0.93
14,701.00	89.05	179.07	12,749.28	-1,824.51	789.49	1,824.51	1.18	0.74	-0.93
14,796.00	88.97	178.81	12,750.93	-1,919.48	791.25	1,919.48	0.29	-0.08	-0.27
14,891.00	85.23	174.68	12,755.73	-2,014.17	796.63	2,014.17	5.86	-3.94	-4.35
14,985.00	90.86	177.14	12,758.94	-2,107.83	803.32	2,107.83	6.54	5.99	2.62
15,079.00	89.89	173.54	12,758.32	-2,201.50	810.96	2,201.50	3.97	-1.03	-3.83
15,174.00	92.00	173.45	12,756.76	-2,295.87	821.72	2,295.87	2.22	2.22	-0.09
15,269.00	89.10	175.65	12,755.85	-2,390.42	830.74	2,390.42	3.83	-3.05	2.32
15,364.00	90.15	177.58	12,756.47	-2,485.24	836.35	2,485.24	2.31	1.11	2.03
15,459.00	87.69	180.57	12,758.26	-2,580.20	837.88	2,580.20	4.08	-2.59	3.15
15,554.00	88.18	183.38	12,761.68	-2,675.07	834.61	2,675.07	3.00	0.52	2.96
15,649.00	90.86	185.31	12,762.48	-2,769.78	827.41	2,769.78	3.48	2.82	2.03
15,744.00	91.30	188.39	12,760.69	-2,864.07	816.09	2,864.07	3.27	0.46	3.24
15,839.00	87.03	190.50	12,762.07	-2,957.75	800.50	2,957.75	5.01	-4.49	2.22
15,934.00	87.65	187.86	12,766.48	-3,051.42	785.37	3,051.42	2.85	0.65	-2.78
16,029.00	83.47	183.64	12,773.84	-3,145.62	775.87	3,145.62	6.24	-4.40	-4.44
16,124.00	84.48	180.39	12,783.81	-3,240.02	772.55	3,240.02	3.56	1.06	-3.42
16,219.00	88.04	175.21	12,790.01	-3,334.70	776.20	3,334.70	6.61	3.75	-5.45
16,314.00	97.85	176.96	12,785.14	-3,429.23	782.67	3,429.23	10.49	10.33	1.84



SB Directional Services

Survey Report

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well 604H
Project:	LEA COUNTY, N.M.	TVD Reference:	GE-KB @ 3433.00usft (CAC 166)
Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Survey										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	
16,409.00	97.71	176.79	12,772.28	-3,523.22	787.81	3,523.22	0.23	-0.15	-0.18	
16,504.00	94.64	175.73	12,762.06	-3,617.45	793.97	3,617.45	3.42	-3.23	-1.12	
16,599.00	92.35	178.11	12,756.27	-3,712.13	799.06	3,712.13	3.47	-2.41	2.51	
16,694.00	91.78	172.66	12,752.84	-3,806.72	806.70	3,806.72	5.76	-0.60	-5.74	
16,789.00	88.79	170.81	12,752.37	-3,900.72	820.35	3,900.72	3.70	-3.15	-1.95	
16,884.00	92.44	176.17	12,751.35	-3,995.05	831.12	3,995.05	6.83	3.84	5.64	
16,979.00	97.41	179.16	12,743.19	-4,089.58	834.98	4,089.58	6.10	5.23	3.15	
17,074.00	90.29	177.40	12,736.82	-4,184.26	837.83	4,184.26	7.72	-7.49	-1.85	
17,169.00	90.29	179.42	12,736.34	-4,279.21	840.47	4,279.21	2.13	0.00	2.13	
17,264.00	88.09	181.36	12,737.68	-4,374.19	839.82	4,374.19	3.09	-2.32	2.04	
17,359.00	86.81	181.01	12,741.91	-4,469.08	837.86	4,469.08	1.40	-1.35	-0.37	
17,454.00	86.37	182.06	12,747.56	-4,563.87	835.32	4,563.87	1.20	-0.46	1.11	
17,538.00	88.97	182.76	12,750.97	-4,647.72	831.79	4,647.72	3.21	3.10	0.83	
17,642.00	91.08	182.50	12,750.93	-4,751.61	827.02	4,751.61	2.04	2.03	-0.25	
17,737.00	90.55	181.09	12,749.57	-4,846.55	824.04	4,846.55	1.59	-0.56	-1.48	
17,832.00	91.69	180.74	12,747.72	-4,941.51	822.52	4,941.51	1.26	1.20	-0.37	
17,927.00	90.77	179.78	12,745.68	-5,036.49	822.09	5,036.49	1.40	-0.97	-1.01	
18,022.00	90.46	180.66	12,744.66	-5,131.48	821.73	5,131.48	0.98	-0.33	0.93	
18,117.00	89.89	181.01	12,744.37	-5,226.47	820.34	5,226.47	0.70	-0.60	0.37	
18,212.00	88.79	181.62	12,745.46	-5,321.44	818.16	5,321.44	1.32	-1.16	0.64	
18,307.00	88.26	181.01	12,747.91	-5,416.38	815.98	5,416.38	0.85	-0.56	-0.64	
18,402.00	88.09	181.18	12,750.93	-5,511.32	814.17	5,511.32	0.25	-0.18	0.18	
18,497.00	88.88	180.39	12,753.45	-5,606.27	812.87	5,606.27	1.18	0.83	-0.83	
18,592.00	88.66	180.04	12,755.48	-5,701.25	812.51	5,701.25	0.44	-0.23	-0.37	
18,687.00	89.10	179.86	12,757.34	-5,796.23	812.59	5,796.23	0.50	0.46	-0.19	
18,782.00	88.88	178.72	12,759.02	-5,891.21	813.77	5,891.21	1.22	-0.23	-1.20	
18,877.00	90.07	178.90	12,759.89	-5,986.18	815.74	5,986.18	1.27	1.25	0.19	
18,972.00	89.76	178.72	12,760.03	-6,081.16	817.72	6,081.16	0.38	-0.33	-0.19	
19,067.00	90.81	178.19	12,759.56	-6,176.12	820.28	6,176.12	1.24	1.11	-0.56	
19,162.00	90.68	177.58	12,758.32	-6,271.05	823.78	6,271.05	0.66	-0.14	-0.64	
19,258.00	91.21	177.58	12,756.74	-6,366.95	827.84	6,366.95	0.55	0.55	0.00	
19,353.00	91.30	178.37	12,754.66	-6,461.87	831.19	6,461.87	0.84	0.09	0.83	
19,448.00	90.81	179.51	12,752.91	-6,556.83	832.95	6,556.83	1.31	-0.52	1.20	
19,543.00	92.66	179.69	12,750.03	-6,651.78	833.61	6,651.78	1.96	1.95	0.19	
19,638.00	92.18	182.41	12,746.02	-6,746.67	831.87	6,746.67	2.90	-0.51	2.86	
19,733.00	92.35	181.09	12,742.26	-6,841.55	828.98	6,841.55	1.40	0.18	-1.39	
19,828.00	90.99	179.42	12,739.50	-6,936.51	828.55	6,936.51	2.27	-1.43	-1.76	
19,923.00	91.25	177.32	12,737.64	-7,031.44	831.25	7,031.44	2.23	0.27	-2.21	
20,018.00	90.33	179.86	12,736.33	-7,126.40	833.59	7,126.40	2.84	-0.97	2.67	
20,113.00	90.42	179.25	12,735.71	-7,221.39	834.33	7,221.39	0.65	0.09	-0.64	
20,208.00	91.65	179.16	12,733.99	-7,316.37	835.65	7,316.37	1.30	1.29	-0.09	
20,303.00	90.20	177.75	12,732.46	-7,411.31	838.21	7,411.31	2.13	-1.53	-1.48	
20,398.00	91.56	177.05	12,731.00	-7,506.20	842.52	7,506.20	1.61	1.43	-0.74	
20,492.00	93.98	176.00	12,726.45	-7,599.91	848.21	7,599.91	2.81	2.57	-1.12	



SB Directional Services

Survey Report

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well 604H
Project:	LEA COUNTY, N.M.	TVD Reference:	GE-KB @ 3433.00usft (CAC 166)
Site:	RED HILLS PAD 7	MD Reference:	GE-KB @ 3433.00usft (CAC 166)
Well:	604H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Survey

Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
20,587.00	93.76	177.67	12,720.04	-7,694.55	853.44	7,694.55	1.77	-0.23	1.76
20,682.00	90.81	176.96	12,716.26	-7,789.36	857.89	7,789.36	3.19	-3.11	-0.75
20,777.00	90.59	178.81	12,715.09	-7,884.28	861.39	7,884.28	1.96	-0.23	1.95
20,872.00	91.30	182.15	12,713.53	-7,979.25	860.60	7,979.25	3.59	0.75	3.52
20,967.00	91.60	181.01	12,711.12	-8,074.18	857.98	8,074.18	1.24	0.32	-1.20
21,062.00	90.73	180.83	12,709.19	-8,169.15	856.45	8,169.15	0.94	-0.92	-0.19
21,157.00	90.11	181.45	12,708.50	-8,264.13	854.56	8,264.13	0.92	-0.65	0.65
21,252.00	90.11	180.74	12,708.31	-8,359.11	852.75	8,359.11	0.75	0.00	-0.75
21,347.00	88.92	178.37	12,709.12	-8,454.09	853.49	8,454.09	2.79	-1.25	-2.49
21,442.00	89.54	177.49	12,710.39	-8,549.02	856.92	8,549.02	1.13	0.65	-0.93
21,537.00	89.01	177.58	12,711.60	-8,643.93	861.00	8,643.93	0.57	-0.56	0.09
21,632.00	89.27	176.96	12,713.02	-8,738.81	865.53	8,738.81	0.71	0.27	-0.65
21,727.00	88.44	181.27	12,714.92	-8,833.75	866.99	8,833.75	4.62	-0.87	4.54
21,822.00	89.93	181.45	12,716.27	-8,928.71	864.74	8,928.71	1.58	1.57	0.19
21,917.00	88.70	179.34	12,717.41	-9,023.70	864.08	9,023.70	2.57	-1.29	-2.22
22,013.00	90.11	181.18	12,718.41	-9,119.68	863.65	9,119.68	2.41	1.47	1.92
22,108.00	88.62	177.58	12,719.46	-9,214.65	864.68	9,214.65	4.10	-1.57	-3.79
22,202.00	89.89	180.39	12,720.68	-9,308.62	866.34	9,308.62	3.28	1.35	2.99
22,297.00	91.25	184.08	12,719.74	-9,403.53	862.64	9,403.53	4.14	1.43	3.88
22,392.00	92.84	184.35	12,716.35	-9,498.20	855.66	9,498.20	1.70	1.67	0.28
22,488.00	90.90	184.43	12,713.21	-9,593.87	848.31	9,593.87	2.02	-2.02	0.08
22,583.00	91.12	183.91	12,711.54	-9,688.60	841.41	9,688.60	0.59	0.23	-0.55
22,678.00	91.60	182.59	12,709.28	-9,783.42	836.02	9,783.42	1.48	0.51	-1.39
22,773.00	90.73	181.09	12,707.35	-9,878.35	832.97	9,878.35	1.83	-0.92	-1.58
22,868.00	91.47	180.92	12,705.53	-9,973.31	831.31	9,973.31	0.80	0.78	-0.18
22,963.00	93.05	180.74	12,701.78	-10,068.23	829.93	10,068.23	1.67	1.66	-0.19
23,036.00	93.98	180.57	12,697.31	-10,141.08	829.10	10,141.08	1.30	1.27	-0.23
LS 23036.00' MD & 12697.31' TVD									
23,094.69	93.98	180.57	12,693.23	-10,199.63	828.52	10,199.63	0.00	0.00	0.00
RH 604 BHL									
23,096.00	93.98	180.57	12,693.14	-10,200.94	828.50	10,200.94	0.00	0.00	0.00
PTB 23096.00' MD & 12693.14' TVD									

Survey Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
23,036.00	12,697.31	-10,141.08	829.10	LS 23036.00' MD & 12697.31' TVD
23,096.00	12,693.14	-10,200.94	828.50	PTB 23096.00' MD & 12693.14' TVD

Checked By: _____ Approved By: _____ Date: _____

Well Name: RED HILLS FEDERAL	Well Location: T25S / R33E / SEC 31 / NWNE / 32.0937699 / -103.610894	County or Parish/State: LEA / NM
Well Number: 604H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM122620	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547190	Well Status: Approved Application for Permit to Drill	Operator: KAISER FRANCIS OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 04/19/2021	Time Sundry Submitted: 09:32
Date Operation Actually Began: 10/16/2020	
Actual Procedure: Completion Began 10/16/20 Completion Finished 11/9/20 1.MIRU WL. 2.TCP Stage 1: 22,790-22,910. Broke down perms. 3.Stage frac lateral 13,087-22,910' in 57 stages w/277,776 bbls fluid + 27,986,024# sand. 4.Drilled out plugs w/Tri-Cone bit. Return well to sales. 2/19/21	

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: ERICA MILES	Signed on: APR 19, 2021 09:31 AM
Name: KAISER FRANCIS OIL COMPANY	
Title: Geosciences Technician	
Street Address: 6733 S YALE AVE	
City: TULSA	State: OK
Phone: (918) 491-4548	
Email address: ERICAM@KFOC.NET	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

Received by OCD: 8/4/2022 12:07:08 PM

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Well Name: RED HILLS FEDERAL	Well Location: T25S / R33E / SEC 31 / NWNE / 32.0937699 / -103.610894	County or Parish/State: LEA / NM
Well Number: 604H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM122620	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002547190	Well Status: Approved Application for Permit to Drill	Operator: KAISER FRANCIS OIL COMPANY

BLM Point of Contact

BLM POC Name: ZOTA M STEVENS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345998	BLM POC Email Address: ZSTEVENS@BLM.GOV
Disposition: Accepted	Disposition Date: 04/19/2021
Signature: Zota Stevens	

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG								1. WELL API NO. 30-025-47190		
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name Red Hills Federal		
								6. Well Number: 604H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator Kaiser-Francis Oil Company						9. OGRID 12361				
10. Address of Operator P.O. Box 21468, Tulsa, OK 74121-1468						11. Pool name or Wildcat Wildcat Upper Wolfcamp Oil Pool				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	B	31	25S	33E		250	North	2570	East	Lea
BH:	0	6	26S	33E		164	South	1811	East	Lea
13. Date Spudded	14. Date T.D. Reached		15. Date Rig Released		16. Date Completed (Ready to Produce)			17. Elevations (DF and RKB, RT, GR, etc.)		
7/18/20	8/8/20		8/11/20		2/19/21			3410 GR		
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
23,096MD 12,697TVD			22,945MD 12,701TVD		Yes			GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name								13,087-22,910 Wolfcamp		
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13-3/8		54.5		996		17-1/2		1,145 SX		-0-
10-3/4		45.5		5,015		12-1/4		980 SX		-0-
7-5/8		29.7		11,800		9-7/8		1,220 SX		-0-
5-1/2		23		23,086		6-3/4		1,710 SX		-0-
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
None	-	-	-	-		SIZE None DEPTH SET - PACKER SET -				
26. Perforation record (interval, size, and number) 13,087-22,910 .42 2565						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						13,087-		277,776 bbls fluid +		
						22,910		27,986,024# sd.		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
2/20/21		Flowing				Prod				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
3/16/21	24	26/64		758	2639	4036	3481			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	3839		758	2639	4036	47				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								30. Test Witnessed By		
Sold										
31. List Attachments										
C-104NW, C-102 As-Drilled w/HSU, C-103 Casing, C-103 Completion, Final Svy, WBD										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude Longitude NAD83										
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Printed										
Signature <i>Erica Miles</i>		Name Erica Miles		Title Geosciences Technician		Date 5/12/21				
E-mail Address EricaM@kfoc.net										

INSTRUCTIONS

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

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand 4850	T. Morrison	
T. Drinkard	T. Bone Springs 1st 9980	T. Todilto	
T. Abo	T. Avalon 9185	T. Entrada	
T. Wolfcamp	T. 2 Bone Sprg 10540	T. Wingate	
T. Penn	T. 3 Bone Sprg 11745	T. Chinle	
T. Cisco (Bough C)	T. Wolfcamp 12260	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from 13,087 to 22,910
No. 2, from to

No. 3, from to
No. 4, from to

IMPORTANT WATER SANDS

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

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

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology	From	To	Thickness In Feet	Lithology
4850			Delaware				
9185			Avalon				
9980			1st Bone Sprg				
10540			2nd Bone Sprg				
10995			2nd Bone Sprg Lm				
11745			3rd Bone Sprg				
12260			Wolfcamp				

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

ACKNOWLEDGMENTS

Action 131566

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131566
	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.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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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 131566

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131566
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
crystal.walker	None	10/10/2025