

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

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

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 - 46489	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 603H

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
K	31	25S	33E		2400	South	1735	West	Lea

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	6	26S	33E		100	South	2226	West	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 1515 Araphoe St., Suite 1600 Denver, CO 80202	G
	Plains Pipeline LP 333 Clay St., #1600 Houston, TX 77002	O

IV. Well Completion Data

²¹ Spud Date 11/23/19	²² Ready Date 2/21/21	²³ TD 20,200MD/ 12,705TVD	²⁴ PBDT 20,110MD 12,708TVD	²⁵ Perforations 12,768-20,102	²⁶ DHC, MC -
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
14 - 3/4	10 - 3/4	924	540 SX		
9 - 7/8	7 - 5/8	11,627	1,040 SX		
6 - 3/4	5 - 1/2	20,200	1,595 SX		

V. Well Test Data

³¹ Date New Oil 3/19/21	³² Gas Delivery Date 3/19/21	³³ Test Date 3/24/21	³⁴ Test Length 24 hours	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 4250
³⁷ Choke Size 20/64	³⁸ Oil 358	³⁹ Water 2498	⁴⁰ Gas 1224		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
Printed name: Erica Miles	Approved by:
Title: Geosciences Technician	Title:
E-mail Address: EricaM@kfoc.net	Approval Date:
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 30-025-46489	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 603H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 3419.1

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	25 S	33 E		2400	SOUTH	1735	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
N	6	26 S	33 E		100	SOUTH	2226	WEST	LEA
¹² Dedicated Acres 640	¹³ Joint or Infill -	¹⁴ Consolidation Code -	¹⁵ Order No. R-20051						

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 18, 2021 Date of Survey _____ Signature and Seal of Professional Surveyor:  Certificate Number: 12797
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Intent ☐ As Drilled ☒

API # 30-025-46489		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: RED HILLS FEDERAL	Well Number 603H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	31	25S	33E		2542	SOUTH	2131	WEST	LEA
Latitude 32.0867815					Longitude 103.6130402				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	31	25S	33E		2166	SOUTH	2242	WEST	LEA
Latitude 32.0859560					Longitude 103.6129249				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	6	26S	33E		213	SOUTH	2225	WEST	LEA
Latitude 32.0658810					Longitude 103.6126610				NAD 83

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

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 Company

Lea County, NM (NAD 83)

Sec 31-T25S-R33E

Red Hills 603H

Wellbore #1

Survey: Survey #1

Survey Report - Geographic

16 December, 2019

KAISER-FRANCIS OIL COMPANY

**PANTHER**

Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 603H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.1+23 @ 3442.10usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.1+23 @ 3442.10usft
Well:	Red Hills 603H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

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

Site		Sec 31-T25S-R33E			
Site Position:		Northing:	395,908.71 usft	Latitude:	32.08639150
From:	Map	Easting:	764,056.94 usft	Longitude:	-103.61418903
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.38 °

Well	Red Hills 603H					
Well Position	+N/-S	0.00 usft	Northing:	395,908.52 usft	Latitude:	32.08639171
	+E/-W	0.00 usft	Easting:	764,016.89 usft	Longitude:	-103.61431835
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,419.10 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	12/16/19	6.69	59.90	47,595.54687220

Design	Wellbore #1				
Audit Notes:					
Version:	1.0	Phase:	ACTUAL	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	175.62	

Survey Program	Date	12/16/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
207.00	20,215.00	Survey #1 (Wellbore #1)	MWD	OWSG MWD - Standard	

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
0.00	0.00	0.00	0.00	0.00	0.00	395,908.52	764,016.89	32.08639171	-103.61431835
207.00	0.20	284.20	207.00	0.09	-0.35	395,908.61	764,016.54	32.08639196	-103.61431948
1st MWD Survey									
238.00	0.20	340.40	238.00	0.15	-0.42	395,908.67	764,016.47	32.08639214	-103.61431970
332.00	0.70	255.50	332.00	0.16	-1.03	395,908.68	764,015.86	32.08639218	-103.61432167
425.00	0.80	251.60	424.99	-0.18	-2.20	395,908.33	764,014.69	32.08639125	-103.61432545
519.00	1.40	244.50	518.97	-0.89	-3.86	395,907.63	764,013.03	32.08638935	-103.61433082
613.00	3.20	197.50	612.90	-3.88	-5.68	395,904.63	764,011.20	32.08638114	-103.61433678
706.00	5.20	189.30	705.64	-10.52	-7.14	395,898.00	764,009.74	32.08636293	-103.61434164
799.00	4.20	193.70	798.33	-17.99	-8.63	395,890.53	764,008.25	32.08634243	-103.61434660
874.00	3.90	195.90	873.14	-23.11	-9.98	395,885.41	764,006.91	32.08632838	-103.61435107
984.00	3.60	197.40	982.91	-30.00	-12.04	395,878.52	764,004.85	32.08630947	-103.61435786

**PANTHER****Microsoft**

Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 603H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.1+23 @ 3442.10usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.1+23 @ 3442.10usft
Well:	Red Hills 603H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
1,078.00	5.20	196.40	1,076.63	-36.90	-14.12	395,871.61	764,002.76	32.08629053	-103.61436474
1,171.00	6.50	186.70	1,169.14	-46.17	-15.93	395,862.34	764,000.96	32.08626508	-103.61437077
1,265.00	6.60	186.80	1,262.53	-56.82	-17.19	395,851.69	763,999.70	32.08623584	-103.61437507
1,358.00	6.10	176.70	1,354.96	-67.06	-17.54	395,841.45	763,999.35	32.08620769	-103.61437641
1,452.00	5.10	172.60	1,448.51	-76.19	-16.71	395,832.32	764,000.18	32.08618258	-103.61437394
1,546.00	4.90	175.60	1,542.16	-84.34	-15.87	395,824.18	764,001.02	32.08616018	-103.61437139
1,640.00	4.80	174.50	1,635.82	-92.26	-15.18	395,816.26	764,001.71	32.08613840	-103.61436935
1,733.00	4.70	168.20	1,728.50	-99.86	-14.03	395,808.66	764,002.86	32.08611748	-103.61436579
1,827.00	3.80	186.80	1,822.25	-106.72	-13.61	395,801.79	764,003.28	32.08609861	-103.61436459
1,921.00	4.20	183.80	1,916.02	-113.25	-14.21	395,795.27	764,002.68	32.08608068	-103.61436665
2,016.00	3.70	183.90	2,010.79	-119.78	-14.65	395,788.74	764,002.24	32.08606274	-103.61436821
2,110.00	3.80	182.40	2,104.59	-125.92	-14.98	395,782.60	764,001.90	32.08604587	-103.61436943
2,204.00	4.20	181.00	2,198.36	-132.47	-15.17	395,776.05	764,001.71	32.08602786	-103.61437019
2,298.00	4.00	182.50	2,292.12	-139.19	-15.38	395,769.33	764,001.51	32.08600940	-103.61437099
2,393.00	3.70	179.50	2,386.90	-145.56	-15.49	395,762.95	764,001.39	32.08599188	-103.61437150
2,487.00	3.70	173.60	2,480.71	-151.61	-15.13	395,756.91	764,001.76	32.08597525	-103.61437046
2,581.00	3.50	181.20	2,574.52	-157.49	-14.85	395,751.02	764,002.04	32.08595907	-103.61436969
2,675.00	3.60	188.10	2,668.34	-163.28	-15.33	395,745.23	764,001.56	32.08594317	-103.61437135
2,770.00	3.50	184.20	2,763.16	-169.13	-15.96	395,739.39	764,000.93	32.08592711	-103.61437352
2,864.00	3.50	171.00	2,856.99	-174.82	-15.72	395,733.69	764,001.17	32.08591145	-103.61437287
2,958.00	3.70	198.80	2,950.81	-180.53	-16.25	395,727.99	764,000.64	32.08589578	-103.61437470
3,053.00	3.50	196.30	3,045.62	-186.22	-18.05	395,722.30	763,998.84	32.08588018	-103.61438064
3,147.00	3.30	194.10	3,139.46	-191.59	-19.52	395,716.92	763,997.37	32.08586543	-103.61438548
3,241.00	3.60	205.30	3,233.29	-196.89	-21.44	395,711.63	763,995.45	32.08585092	-103.61439179
3,336.00	4.50	198.40	3,328.05	-203.12	-23.89	395,705.40	763,993.00	32.08583383	-103.61439984
3,430.00	4.40	175.90	3,421.77	-210.21	-24.79	395,698.30	763,992.09	32.08581434	-103.61440292
3,525.00	3.90	163.40	3,516.53	-216.95	-23.61	395,691.57	763,993.28	32.08579582	-103.61439924
3,619.00	3.30	146.80	3,610.34	-222.27	-21.22	395,686.24	763,995.67	32.08578113	-103.61439163
3,714.00	3.40	158.80	3,705.18	-227.19	-18.70	395,681.33	763,998.19	32.08576757	-103.61438361
3,808.00	3.40	134.20	3,799.02	-231.73	-15.69	395,676.79	764,001.19	32.08575503	-103.61437400
3,903.00	4.00	161.70	3,893.83	-236.84	-12.63	395,671.68	764,004.25	32.08574093	-103.61436423
3,997.00	4.20	185.40	3,987.60	-243.38	-11.93	395,665.14	764,004.96	32.08572294	-103.61436209
4,092.00	4.40	186.80	4,082.33	-250.46	-12.69	395,658.06	764,004.20	32.08570350	-103.61436470
4,186.00	4.10	162.50	4,176.08	-257.25	-12.10	395,651.27	764,004.78	32.08568483	-103.61436296
4,280.00	5.40	146.60	4,269.76	-264.15	-8.66	395,644.37	764,008.23	32.08566581	-103.61435198
4,375.00	4.80	148.90	4,364.38	-271.28	-4.14	395,637.24	764,012.74	32.08564611	-103.61433756
4,469.00	6.80	135.30	4,457.90	-278.61	1.80	395,629.91	764,018.69	32.08562587	-103.61431852
4,564.00	8.20	120.60	4,552.09	-286.05	11.59	395,622.46	764,028.48	32.08560522	-103.61428707
4,658.00	8.40	105.10	4,645.12	-291.25	23.99	395,617.26	764,040.88	32.08559070	-103.61424715
4,752.00	6.20	87.30	4,738.36	-292.80	35.70	395,615.71	764,052.58	32.08558622	-103.61420940
4,847.00	5.30	62.90	4,832.90	-290.56	44.73	395,617.95	764,061.61	32.08559222	-103.61418019
4,941.00	5.50	34.30	4,926.50	-284.86	51.13	395,623.65	764,068.02	32.08560777	-103.61415939
5,036.00	6.10	33.60	5,021.01	-276.90	56.49	395,631.62	764,073.38	32.08562956	-103.61414192
5,130.00	6.00	34.30	5,114.49	-268.68	62.02	395,639.84	764,078.91	32.08565205	-103.61412388
5,225.00	5.80	34.00	5,208.98	-260.60	67.51	395,647.92	764,084.39	32.08567416	-103.61410600
5,319.00	5.80	30.20	5,302.50	-252.56	72.55	395,655.96	764,089.44	32.08569618	-103.61408954
5,414.00	5.70	27.70	5,397.03	-244.23	77.16	395,664.29	764,094.04	32.08571897	-103.61407449
5,508.00	5.20	39.50	5,490.60	-236.81	82.04	395,671.71	764,098.92	32.08573928	-103.61405857
5,603.00	5.00	40.00	5,585.23	-230.32	87.44	395,678.20	764,104.32	32.08575703	-103.61404100
5,697.00	5.10	37.50	5,678.86	-223.86	92.61	395,684.65	764,109.50	32.08577467	-103.61402415
5,791.00	4.70	38.70	5,772.52	-217.54	97.56	395,690.97	764,114.45	32.08579195	-103.61400802
5,886.00	4.50	36.90	5,867.21	-211.53	102.24	395,696.99	764,119.12	32.08580841	-103.61399281
5,980.00	5.50	42.30	5,960.86	-205.25	107.48	395,703.27	764,124.37	32.08582557	-103.61397574
6,075.00	5.80	42.00	6,055.39	-198.31	113.76	395,710.21	764,130.64	32.08584452	-103.61395533
6,169.00	5.50	41.70	6,148.94	-191.42	119.93	395,717.10	764,136.82	32.08586335	-103.61393524

**PANTHER****Microsoft**

Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 603H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.1+23 @ 3442.10usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.1+23 @ 3442.10usft
Well:	Red Hills 603H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
6,263.00	5.40	38.50	6,242.51	-184.59	125.68	395,723.92	764,142.57	32.08588201	-103.61391653
6,364.00	5.30	38.80	6,343.07	-177.24	131.56	395,731.28	764,148.45	32.08590212	-103.61389738
6,458.00	4.80	36.30	6,436.71	-170.68	136.61	395,737.83	764,153.50	32.08592004	-103.61388094
6,552.00	4.50	35.10	6,530.40	-164.50	141.06	395,744.02	764,157.95	32.08593696	-103.61386644
6,646.00	4.40	35.70	6,624.11	-158.55	145.29	395,749.96	764,162.17	32.08595323	-103.61385268
6,741.00	5.50	31.60	6,718.76	-151.72	149.80	395,756.80	764,166.69	32.08597194	-103.61383796
6,835.00	5.40	37.60	6,812.33	-144.37	154.86	395,764.14	764,171.74	32.08599202	-103.61382147
6,930.00	5.30	35.90	6,906.92	-137.28	160.16	395,771.24	764,177.04	32.08601143	-103.61380420
7,024.00	4.70	36.30	7,000.56	-130.66	164.98	395,777.86	764,181.87	32.08602954	-103.61378848
7,118.00	5.90	40.90	7,094.16	-123.90	170.43	395,784.61	764,187.31	32.08604801	-103.61377076
7,212.00	6.10	40.40	7,187.64	-116.45	176.83	395,792.07	764,193.71	32.08606839	-103.61374993
7,306.00	5.70	38.40	7,281.15	-108.99	182.96	395,799.53	764,199.85	32.08608878	-103.61372996
7,401.00	5.20	41.20	7,375.72	-102.05	188.73	395,806.47	764,205.62	32.08610774	-103.61371119
7,495.00	6.80	39.70	7,469.20	-94.56	195.09	395,813.96	764,211.98	32.08612821	-103.61369049
7,589.00	6.60	36.60	7,562.56	-85.94	201.87	395,822.57	764,218.75	32.08615177	-103.61366843
7,684.00	6.50	38.20	7,656.94	-77.33	208.45	395,831.18	764,225.33	32.08617532	-103.61364700
7,778.00	5.40	37.10	7,750.43	-69.63	214.41	395,838.89	764,231.29	32.08619640	-103.61362760
7,873.00	6.40	42.90	7,844.93	-62.18	220.71	395,846.34	764,237.59	32.08621675	-103.61360709
7,967.00	6.60	42.40	7,938.32	-54.35	227.91	395,854.16	764,244.80	32.08623813	-103.61358365
8,062.00	6.20	44.20	8,032.73	-46.64	235.17	395,861.87	764,252.06	32.08625919	-103.61356005
8,157.00	5.80	40.40	8,127.21	-39.31	241.86	395,869.21	764,258.75	32.08627922	-103.61353830
8,251.00	5.20	39.50	8,220.78	-32.41	247.65	395,876.11	764,264.54	32.08629809	-103.61351946
8,345.00	6.30	40.90	8,314.30	-25.22	253.73	395,883.29	764,270.62	32.08631773	-103.61349966
8,440.00	6.20	42.80	8,408.74	-17.52	260.63	395,891.00	764,277.52	32.08633878	-103.61347722
8,534.00	6.20	41.40	8,502.19	-9.99	267.44	395,898.53	764,284.33	32.08635936	-103.61345508
8,628.00	5.60	43.20	8,595.69	-2.84	273.94	395,905.68	764,290.82	32.08637890	-103.61343395
8,723.00	4.60	41.70	8,690.31	3.39	279.64	395,911.91	764,296.53	32.08639590	-103.61341539
8,816.00	5.70	47.50	8,782.94	9.29	285.53	395,917.81	764,302.42	32.08641202	-103.61339626
8,911.00	6.10	47.30	8,877.43	15.90	292.72	395,924.42	764,309.60	32.08643006	-103.61337291
9,006.00	4.80	45.10	8,972.00	22.13	299.24	395,930.65	764,316.13	32.08644706	-103.61335171
9,100.00	5.30	44.40	9,065.64	28.01	305.06	395,936.53	764,321.95	32.08646311	-103.61333278
9,194.00	4.20	51.80	9,159.31	33.24	310.81	395,941.76	764,327.69	32.08647738	-103.61331412
9,289.00	4.60	49.70	9,254.03	37.86	316.45	395,946.37	764,333.33	32.08648997	-103.61329582
9,383.00	5.60	42.20	9,347.66	43.69	322.40	395,952.21	764,339.29	32.08650590	-103.61327646
9,478.00	4.40	37.70	9,442.30	50.01	327.74	395,958.53	764,344.63	32.08652316	-103.61325908
9,572.00	5.40	38.20	9,535.95	56.34	332.69	395,964.86	764,349.57	32.08654047	-103.61324299
9,660.00	4.50	32.30	9,623.62	62.51	337.09	395,971.03	764,353.98	32.08655736	-103.61322863
9,755.00	5.70	30.10	9,718.25	69.74	341.45	395,978.26	764,358.34	32.08657715	-103.61321441
9,850.00	6.30	29.10	9,812.72	78.38	346.35	395,986.90	764,363.24	32.08660080	-103.61319840
9,944.00	6.40	30.20	9,906.15	87.41	351.49	395,995.93	764,368.38	32.08662554	-103.61318159
10,039.00	5.20	29.10	10,000.66	95.75	356.25	396,004.27	764,373.14	32.08664837	-103.61316605
10,133.00	4.20	27.00	10,094.34	102.54	359.88	396,011.06	764,376.77	32.08666697	-103.61315417
10,228.00	3.50	44.70	10,189.13	107.70	363.50	396,016.22	764,380.39	32.08668109	-103.61314238
10,323.00	3.20	47.10	10,283.97	111.57	367.49	396,020.08	764,384.37	32.08669164	-103.61312944
10,417.00	2.70	54.70	10,377.84	114.63	371.21	396,023.15	764,388.10	32.08670000	-103.61311733
10,512.00	2.50	68.50	10,472.75	116.69	374.97	396,025.20	764,391.86	32.08670557	-103.61310517
10,606.00	2.20	61.10	10,566.67	118.31	378.46	396,026.83	764,395.34	32.08670997	-103.61309387
10,700.00	3.40	43.60	10,660.56	121.20	381.96	396,029.72	764,398.84	32.08671785	-103.61308250
10,795.00	3.30	42.50	10,755.39	125.26	385.75	396,033.77	764,402.63	32.08672893	-103.61307018
10,889.00	3.30	47.10	10,849.24	129.09	389.56	396,037.61	764,406.44	32.08673941	-103.61305780
10,984.00	2.80	17.00	10,944.11	133.17	392.24	396,041.69	764,409.13	32.08675057	-103.61304905
11,078.00	2.70	21.90	11,038.00	137.42	393.74	396,045.94	764,410.62	32.08676223	-103.61304412
11,173.00	2.90	349.00	11,132.89	141.86	394.11	396,050.37	764,411.00	32.08677441	-103.61304282
11,267.00	2.30	353.00	11,226.80	146.06	393.43	396,054.58	764,410.32	32.08678599	-103.61304493
11,361.00	1.80	354.90	11,320.74	149.41	393.07	396,057.92	764,409.95	32.08679518	-103.61304603



Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 603H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.1+23 @ 3442.10usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.1+23 @ 3442.10usft
Well:	Red Hills 603H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
11,455.00	0.70	46.60	11,414.71	151.27	393.35	396,059.79	764,410.24	32.08680030	-103.61304506
11,550.00	0.80	79.10	11,509.71	151.80	394.43	396,060.31	764,411.31	32.08680173	-103.61304159
11,574.00	0.70	117.40	11,533.71	151.76	394.72	396,060.28	764,411.61	32.08680162	-103.61304064
11,680.00	1.10	176.20	11,639.69	150.45	395.36	396,058.96	764,412.25	32.08679800	-103.61303859
11,775.00	1.00	183.00	11,734.68	148.71	395.38	396,057.23	764,412.27	32.08679322	-103.61303857
11,869.00	0.70	181.70	11,828.67	147.32	395.32	396,055.83	764,412.21	32.08678939	-103.61303880
11,963.00	0.90	191.70	11,922.66	146.02	395.15	396,054.54	764,412.04	32.08678583	-103.61303936
12,057.00	1.00	181.80	12,016.65	144.48	394.98	396,052.99	764,411.87	32.08678160	-103.61303996
12,152.00	3.40	173.80	12,111.57	140.85	395.26	396,049.36	764,412.14	32.08677161	-103.61303914
12,199.00	9.20	168.60	12,158.27	135.77	396.15	396,044.29	764,413.04	32.08675765	-103.61303637
12,246.00	12.10	168.70	12,204.45	127.26	397.86	396,035.77	764,414.75	32.08673421	-103.61303103
12,291.00	17.10	169.80	12,247.98	116.11	399.96	396,024.63	764,416.84	32.08670355	-103.61302450
12,341.00	21.60	169.50	12,295.15	99.82	402.94	396,008.34	764,419.82	32.08665871	-103.61301523
12,388.00	26.70	171.50	12,338.02	80.86	406.08	395,989.38	764,422.96	32.08660653	-103.61300550
12,435.00	29.90	169.40	12,379.40	58.90	409.79	395,967.41	764,426.68	32.08654609	-103.61299398
12,482.00	31.10	173.80	12,419.90	35.31	413.26	395,943.83	764,430.15	32.08648119	-103.61298329
12,530.00	35.80	174.40	12,459.94	9.00	415.97	395,917.52	764,432.86	32.08640882	-103.61297511
12,577.00	37.90	177.40	12,497.55	-19.11	417.97	395,889.41	764,434.85	32.08633152	-103.61296927
12,624.00	41.10	175.20	12,533.81	-48.93	419.91	395,859.58	764,436.80	32.08624951	-103.61296362
12,671.00	46.70	172.60	12,567.67	-81.31	423.41	395,827.20	764,440.30	32.08616043	-103.61295303
12,718.00	53.20	172.50	12,597.89	-116.97	428.08	395,791.55	764,444.96	32.08606234	-103.61293874
12,765.00	58.90	173.80	12,624.13	-155.66	432.71	395,752.85	764,449.60	32.08595590	-103.61292461
12,815.00	62.10	173.70	12,648.75	-198.92	437.45	395,709.60	764,454.33	32.08583692	-103.61291025
12,862.00	66.40	174.20	12,669.16	-241.00	441.90	395,667.51	764,458.79	32.08572115	-103.61289676
12,909.00	69.90	175.00	12,686.65	-284.43	446.01	395,624.09	764,462.89	32.08560172	-103.61288446
12,956.00	72.20	175.50	12,701.92	-328.72	449.68	395,579.79	764,466.57	32.08547989	-103.61287354
13,004.00	73.50	176.00	12,716.07	-374.46	453.08	395,534.05	764,469.97	32.08535411	-103.61286355
13,051.00	74.50	176.00	12,729.02	-419.53	456.23	395,488.99	764,473.12	32.08523017	-103.61285435
13,097.00	76.00	176.60	12,740.74	-463.92	459.10	395,444.60	764,475.99	32.08510810	-103.61284604
13,144.00	79.30	176.80	12,750.79	-509.75	461.75	395,398.77	764,478.63	32.08498207	-103.61283850
13,192.00	83.70	176.20	12,757.88	-557.12	464.65	395,351.39	764,481.53	32.08485181	-103.61283016
13,239.00	86.40	175.50	12,761.94	-603.82	468.03	395,304.70	764,484.92	32.08472338	-103.61282023
13,286.00	87.80	175.60	12,764.31	-650.62	471.68	395,257.90	764,488.56	32.08459468	-103.61280948
13,381.00	88.10	176.30	12,767.71	-745.32	478.38	395,163.20	764,495.27	32.08433425	-103.61278987
13,475.00	89.80	176.50	12,769.43	-839.11	484.28	395,069.40	764,501.17	32.08407632	-103.61277284
13,569.00	89.30	175.90	12,770.17	-932.90	490.51	394,975.61	764,507.40	32.08381840	-103.61275475
13,663.00	90.00	176.10	12,770.75	-1,026.67	497.07	394,881.84	764,513.96	32.08356054	-103.61273560
13,757.00	91.00	176.80	12,769.93	-1,120.49	502.89	394,788.03	764,519.78	32.08330256	-103.61271884
13,852.00	90.50	175.80	12,768.68	-1,215.28	509.02	394,693.24	764,525.91	32.08304188	-103.61270109
13,946.00	90.20	175.00	12,768.11	-1,308.97	516.56	394,599.54	764,533.44	32.08278420	-103.61267877
14,041.00	91.30	176.50	12,766.86	-1,403.70	523.60	394,504.82	764,540.48	32.08252369	-103.61265809
14,135.00	92.60	176.10	12,763.67	-1,497.45	529.66	394,411.07	764,546.55	32.08226589	-103.61264054
14,230.00	93.30	178.10	12,758.78	-1,592.20	534.46	394,316.32	764,551.35	32.08200537	-103.61262708
14,324.00	93.20	179.50	12,753.45	-1,686.02	536.42	394,222.50	764,553.31	32.08174743	-103.61262276
14,418.00	90.50	179.80	12,750.41	-1,779.96	537.00	394,128.56	764,553.89	32.08148920	-103.61262294
14,512.00	89.40	179.60	12,750.49	-1,873.96	537.49	394,034.56	764,554.38	32.08123082	-103.61262338
14,607.00	88.90	178.70	12,751.90	-1,968.94	538.90	393,939.58	764,555.79	32.08096972	-103.61262087
14,701.00	89.50	178.40	12,753.22	-2,062.90	541.28	393,845.62	764,558.16	32.08071140	-103.61261522
14,795.00	91.50	178.20	12,752.40	-2,156.85	544.07	393,751.67	764,560.95	32.08045311	-103.61260825
14,890.00	94.00	180.60	12,747.84	-2,251.72	545.06	393,656.80	764,561.95	32.08019231	-103.61260708
14,983.00	91.70	181.50	12,743.21	-2,344.58	543.36	393,563.94	764,560.25	32.07993709	-103.61261458
15,034.50	89.10	180.85	12,742.86	-2,396.06	542.30	393,512.45	764,559.19	32.07979559	-103.61261910
Cross Section Line 15034.5 MD/12742.86 TVD -2396.06 S 542.30 E N: 393512.4 E: 764559.1									
15,078.00	86.90	180.30	12,744.37	-2,439.53	541.87	393,468.99	764,558.75	32.07967612	-103.61262144
15,173.00	87.50	180.30	12,749.02	-2,534.42	541.37	393,374.10	764,558.26	32.07941531	-103.61262510



Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 603H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.1+23 @ 3442.10usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.1+23 @ 3442.10usft
Well:	Red Hills 603H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
15,268.00	89.70	179.30	12,751.34	-2,629.38	541.70	393,279.14	764,558.59	32.07915427	-103.61262607
15,362.00	92.30	179.10	12,749.70	-2,723.35	543.01	393,185.17	764,559.90	32.07889595	-103.61262386
15,457.00	93.70	178.90	12,744.72	-2,818.20	544.67	393,090.31	764,561.56	32.07863519	-103.61262056
15,551.00	94.50	180.40	12,738.00	-2,911.96	545.24	392,996.56	764,562.13	32.07837748	-103.61262074
15,645.00	93.80	180.80	12,731.20	-3,005.70	544.26	392,902.81	764,561.15	32.07811981	-103.61262593
15,740.00	93.00	181.70	12,725.57	-3,100.51	542.19	392,808.00	764,559.08	32.07785924	-103.61263465
15,834.00	87.50	179.20	12,725.16	-3,194.47	541.45	392,714.05	764,558.34	32.07760100	-103.61263906
15,929.00	93.70	180.20	12,724.16	-3,289.41	541.95	392,619.11	764,558.84	32.07734001	-103.61263950
16,024.00	92.10	180.20	12,719.36	-3,384.29	541.62	392,524.23	764,558.51	32.07707923	-103.61264262
16,118.00	93.50	180.40	12,714.76	-3,478.17	541.13	392,430.35	764,558.02	32.07682117	-103.61264623
16,213.00	92.60	180.20	12,709.71	-3,573.03	540.63	392,335.48	764,557.52	32.07656043	-103.61264988
16,307.00	91.40	180.80	12,706.43	-3,666.97	539.81	392,241.55	764,556.70	32.07630223	-103.61265455
16,401.00	93.20	182.00	12,702.66	-3,760.86	537.52	392,147.66	764,554.41	32.07604419	-103.61266398
16,496.00	93.10	182.30	12,697.44	-3,855.65	533.96	392,052.87	764,550.85	32.07578370	-103.61267751
16,590.00	90.40	182.80	12,694.57	-3,949.50	529.78	391,959.01	764,546.67	32.07552580	-103.61269303
16,684.00	90.20	181.90	12,694.07	-4,043.42	525.93	391,865.09	764,542.81	32.07526771	-103.61270750
16,779.00	89.60	180.30	12,694.24	-4,138.40	524.10	391,770.12	764,540.99	32.07500667	-103.61271543
16,873.00	90.80	179.50	12,693.91	-4,232.40	524.27	391,676.12	764,541.15	32.07474829	-103.61271693
16,968.00	92.70	179.20	12,691.01	-4,327.34	525.34	391,581.17	764,542.23	32.07448729	-103.61271550
17,062.00	92.00	179.30	12,687.16	-4,421.26	526.57	391,487.26	764,543.46	32.07422913	-103.61271356
17,157.00	90.90	178.00	12,684.75	-4,516.20	528.81	391,392.32	764,545.70	32.07396812	-103.61270838
17,251.00	91.00	180.60	12,683.19	-4,610.17	529.96	391,298.35	764,546.85	32.07370979	-103.61270670
17,346.00	89.80	179.20	12,682.53	-4,705.16	530.12	391,203.36	764,547.01	32.07344868	-103.61270821
17,440.00	90.00	178.80	12,682.69	-4,799.15	531.76	391,109.37	764,548.65	32.07319030	-103.61270494
17,535.00	90.00	178.50	12,682.69	-4,894.12	534.00	391,014.40	764,550.89	32.07292920	-103.61269977
17,629.00	89.10	179.60	12,683.43	-4,988.10	535.56	390,920.42	764,552.45	32.07267084	-103.61269676
17,724.00	90.10	180.20	12,684.10	-5,083.10	535.73	390,825.42	764,552.61	32.07240972	-103.61269827
17,818.00	91.30	180.60	12,682.95	-5,177.09	535.07	390,731.43	764,551.96	32.07215138	-103.61270242
17,913.00	90.80	181.00	12,681.21	-5,272.06	533.74	390,636.46	764,550.63	32.07189034	-103.61270875
18,008.00	88.00	179.30	12,682.20	-5,367.04	533.50	390,541.47	764,550.38	32.07162927	-103.61271160
18,102.00	88.70	179.10	12,684.91	-5,460.99	534.81	390,447.52	764,551.69	32.07137099	-103.61270939
18,197.00	89.90	179.00	12,686.07	-5,555.97	536.38	390,352.55	764,553.27	32.07110989	-103.61270635
18,292.00	88.20	178.80	12,687.64	-5,650.94	538.21	390,257.58	764,555.09	32.07084882	-103.61270251
18,387.00	88.80	178.60	12,690.13	-5,745.88	540.36	390,162.64	764,557.25	32.07058781	-103.61269761
18,481.00	88.90	178.10	12,692.02	-5,839.82	543.07	390,068.70	764,559.95	32.07032954	-103.61269090
18,575.00	89.20	177.30	12,693.58	-5,933.73	546.84	389,974.78	764,563.73	32.07007133	-103.61268074
18,670.00	88.70	178.10	12,695.32	-6,028.64	550.65	389,879.88	764,567.54	32.06981038	-103.61267049
18,764.00	87.30	177.70	12,698.60	-6,122.52	554.09	389,786.00	764,570.98	32.06955228	-103.61266140
18,859.00	86.30	179.60	12,703.90	-6,217.34	556.33	389,691.18	764,573.22	32.06929160	-103.61265623
18,953.00	85.10	179.60	12,710.95	-6,311.07	556.98	389,597.45	764,573.87	32.06903394	-103.61265613
19,048.00	87.20	179.60	12,717.33	-6,405.85	557.64	389,502.67	764,574.53	32.06877341	-103.61265604
19,142.00	88.30	179.00	12,721.02	-6,499.76	558.79	389,408.75	764,575.68	32.06851523	-103.61265436
19,237.00	90.20	179.80	12,722.26	-6,594.75	559.79	389,313.77	764,576.67	32.06825413	-103.61265320
19,332.00	91.70	180.10	12,720.68	-6,689.73	559.87	389,218.79	764,576.76	32.06799304	-103.61265498
19,426.00	91.10	179.50	12,718.39	-6,783.70	560.20	389,124.82	764,577.08	32.06773473	-103.61265595
19,521.00	91.90	180.70	12,715.90	-6,878.66	560.03	389,029.85	764,576.92	32.06747370	-103.61265853
19,615.00	88.40	178.40	12,715.66	-6,972.64	560.77	388,935.88	764,577.66	32.06721537	-103.61265817
19,709.00	89.30	179.40	12,717.54	-7,066.60	562.57	388,841.91	764,579.46	32.06695706	-103.61265437
19,804.00	91.20	179.70	12,717.13	-7,161.59	563.32	388,746.92	764,580.21	32.06669593	-103.61265401
19,898.00	90.50	180.30	12,715.73	-7,255.58	563.32	388,652.93	764,580.21	32.06643758	-103.61265604
19,993.00	91.70	180.10	12,713.91	-7,350.56	562.99	388,557.95	764,579.88	32.06617651	-103.61265916
20,088.00	92.40	179.80	12,710.51	-7,445.50	563.07	388,463.02	764,579.96	32.06591555	-103.61266094
20,153.00	92.50	178.80	12,707.73	-7,510.44	563.86	388,398.08	764,580.75	32.06573704	-103.61265977
Last MWD Survey 20153 MD/12707.73 TVD -7510.44 S 563.86 E N: 388398.0 E: 764580.7									



Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 603H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.1+23 @ 3442.10usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.1+23 @ 3442.10usft
Well:	Red Hills 603H	North Reference:	Grid
Wellbore:	Wellbore #1	Survey Calculation Method:	Minimum Curvature
Design:	Wellbore #1	Database:	EDM 5000.15 Single User Db

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Map Northing (usft)	Map Easting (usft)	Latitude	Longitude
20,215.00	92.50	178.80	12,705.03	-7,572.36	565.16	388,336.15	764,582.05	32.06556679	-103.61265692
PTB 20215 MD/12705.03 -7572.36 S 565.16 E N: 388336.1 E: 764502.0									

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
207.00	207.00	0.09	-0.35	1st MWD Survey	
15,034.50	12,742.86	-2,396.06	542.30	Cross Section Line 15034.5 MD/12742.86 TVD -2396.06 S 542.30 E N: 393512	
20,153.00	12,707.73	-7,510.44	563.86	Last MWD Survey 20153 MD/12707.73 TVD -7510.44 S 563.86 E N: 388398.0	
20,215.00	12,705.03	-7,572.36	565.16	PTB 20215 MD/12705.03 -7572.36 S 565.16 E N: 388336.1 E: 764502.0	

Checked By: _____ Approved By: _____ Date: _____

Well Name: RED HILLS FEDERAL	Well Location: T25S / R33E / SEC 31 / NESW / 32.0862927 / -103.61406	County or Parish/State: LEA / NM
Well Number: 503H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546489	Well Status: Drilling Well	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: 12:54
Date Operation Actually Began: 12/19/2020	
Actual Procedure: Red Hills 603H Completion began 12/19/20 Completion finished 1/7/21 1.MIRU WL. 2.TCP Stage 1: 19,980-20,102. Broke down perfs. 3.Stage frac lateral 12,768-20,102 in 43 stages w/204,116 bbls fluid + 19,839,756# sand. 4.Drilled out plugs w/roller cone bit. Return well to sales.	

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 10:35 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:		

Well Name: RED HILLS FEDERAL	Well Location: T25S / R33E / SEC 31 / NESW / 32.0862927 / -103.61406	County or Parish/State: LEA / NM
Well Number: 503H	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002546489	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

BLM Point of Contact

BLM POC Name: Jonathon W Shepard

BLM POC Phone: 5752345972

Disposition: Accepted

Signature: Jonathon Shepard

BLM POC Title: Petroleum Engineer

BLM POC Email Address: jshepard@blm.gov

Disposition Date: 04/30/2021

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										
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: 603H		
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:	K	31	25S	33E		2400	South	1735	West	Lea
BH:	N	6	26S	33E		100	South	2226	West	Lea
13. Date Spudded 11/23/19	14. Date T.D. Reached 12/14/19		15. Date Rig Released 12/17/19			16. Date Completed (Ready to Produce) 2/21/21		17. Elevations (DF and RKB, RT, GR, etc.) 3419 GR		
18. Total Measured Depth of Well 20,200MD 12,705TVD			19. Plug Back Measured Depth 20,110MD 12,708TVD			20. Was Directional Survey Made? Yes		21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,768-20,102								Wolfcamp		
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
10-3/4		40.5		924		14-3/4		540 SX		- 0 -
7-5/8		29.7		11,627		9-7/8		1,040 SX		- 0 -
5-1/2		20		20,200		6-3/4		1,595 SX		- 0 -
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		SIZE	DEPTH SET		PACKER SET	
None		-	-	-		None	-		-	
26. Perforation record (interval, size, and number) 12,768-20,102 .42 1935						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,768-		204,116 bbls fluid +		
						20,102		19,839,756# sd.		
28. PRODUCTION										
Date First Production 3/19/21		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod				
Date of Test 3/24/21	Hours Tested 24	Choke Size	Prod'n For Test Period	Oil - Bbl 358	Gas - MCF 1224	Water - Bbl. 2498	Gas - Oil Ratio 3418			
Flow Tubing Press.	Casing Pressure 4250	Calculated 24-Hour Rate	Oil - Bbl. 358	Gas - MCF 1224	Water - Bbl. 2498	Oil Gravity - API - (Corr.) 47				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold								30. Test Witnessed By		
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										
Signature Eric Hansen			Name Eric Hansen		Title Petroleum Engineer		Date 5/12/21			
E-mail Address EricH@kfoc.net										

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.

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	

No. 1, from...12,768.....to...20,102.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

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.....

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/oed/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 131544

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131544
	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
<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

CONDITIONS

Action 131544

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131544
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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