

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 - 025-45384	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 602H

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	1715	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		115	South	1351	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 11/3/19	²² Ready Date 3/19/21	²³ TD 20,275MD/ 12,723TVD	²⁴ PBD 20,166MD/ 12,730TVD	²⁵ Perforations 12,832-20,156	²⁶ DHC, MC -	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
14-3/4		10-3/4		926		540 SX
9-7/8		7-5/8		11,615		1,240 SX
6-3/4		5-1/2		20,256		1,525 SX

V. Well Test Data

³¹ Date New Oil 3/20/21	³² Gas Delivery Date 3/20/21	³³ Test Date	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3900
³⁷ Choke Size 22/64	³⁸ Oil 519	³⁹ Water 2651	⁴⁰ Gas 1946		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: 5/13/21		Phone:918-491-4548			

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720
District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office
☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-45384	² Pool Code 98158	³ Pool Name Wildcat Upper Wolfcamp Oil Pool
⁴ Property Code 5467	⁵ Property Name RED HILLS	⁶ Well Number 602H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 3419.3

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	1715	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		115	SOUTH	1351	WEST	LEA

¹² Dedicated Acres 478.8	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-20051
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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. 5/13/21 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: _____

Intent ☐ As Drilled ☒

API # 30-025-45384		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: RED HILLS	Well Number 602H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	31	25S	33E	3	2359	SOUTH	1715	WEST	LEA
Latitude 32.0867742					Longitude 103.6161016				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
L	31	25S	33E	3	2255	SOUTH	1244	WEST	LEA
Latitude 32.0859930					Longitude 103.6159033				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	6	26S	33E		234	SOUTH	1348	WEST	LEA
Latitude 32.0659363					Longitude 103.6154906				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 Company

Lea County, NM (NAD 83)

Sec 31-T25S-R33E

Red Hills 602H

Wellbore #1

Survey: Survey #1

Survey Report - Geographic

16 December, 2019

KAISER-FRANCIS OIL COMPANY



Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 602H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.3+23 @ 3442.30usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.3+23 @ 3442.30usft
Well:	Red Hills 602H	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 602H				
Well Position	+N/-S	0.00 usft	Northing:	395,908.36 usft	Latitude:	32.08639164
	+E/-W	0.00 usft	Easting:	763,996.93 usft	Longitude:	-103.61438280
Position Uncertainty		0.00 usft	Wellhead Elevation:	usft	Ground Level:	3,419.30 usft

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2015	11/22/19	6.70	59.90	47,602.27912485

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	182.19	

Survey Program	Date	12/16/19			
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description	
236.00	20,275.00	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	395,908.36	763,996.93	32.08639164	-103.61438280
236.00	1.10	209.00	235.99	-1.98	-1.10	395,906.38	763,995.83	32.08638621	-103.61438639
1st MWD Survey									
330.00	1.90	222.40	329.95	-3.92	-2.59	395,904.44	763,994.34	32.08638091	-103.61439123
424.00	1.90	203.20	423.90	-6.50	-4.25	395,901.85	763,992.67	32.08637384	-103.61439666
517.00	1.40	223.10	516.86	-8.75	-5.63	395,899.61	763,991.29	32.08636769	-103.61440118
611.00	1.20	236.90	610.84	-10.13	-7.24	395,898.23	763,989.68	32.08636393	-103.61440640
705.00	0.40	197.30	704.83	-10.98	-8.17	395,897.38	763,988.76	32.08636161	-103.61440940
798.00	0.90	48.80	797.83	-10.81	-7.71	395,897.55	763,989.21	32.08636207	-103.61440793
875.00	1.10	37.70	874.82	-9.82	-6.81	395,898.53	763,990.12	32.08636476	-103.61440498
983.00	1.00	52.80	982.80	-8.43	-5.42	395,899.92	763,991.50	32.08636856	-103.61440048
1,076.00	0.70	60.20	1,075.79	-7.66	-4.28	395,900.70	763,992.64	32.08637066	-103.61439679

**PANTHER****Microsoft**

Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 602H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.3+23 @ 3442.30usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.3+23 @ 3442.30usft
Well:	Red Hills 602H	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
1,169.00	0.70	83.00	1,168.78	-7.31	-3.23	395,901.05	763,993.70	32.08637161	-103.61439337
1,263.00	0.80	132.40	1,262.77	-7.68	-2.17	395,900.68	763,994.76	32.08637056	-103.61438997
1,356.00	0.80	132.60	1,355.76	-8.56	-1.21	395,899.80	763,995.71	32.08636813	-103.61438690
1,450.00	0.90	136.40	1,449.75	-9.54	-0.22	395,898.82	763,996.70	32.08636543	-103.61438372
1,544.00	0.70	42.10	1,543.75	-9.65	0.67	395,898.71	763,997.60	32.08636511	-103.61438083
1,638.00	1.80	343.50	1,637.73	-7.80	0.64	395,900.55	763,997.56	32.08637017	-103.61438090
1,731.00	1.90	333.60	1,730.68	-5.02	-0.46	395,903.33	763,996.46	32.08637784	-103.61438440
1,825.00	1.90	331.10	1,824.63	-2.26	-1.91	395,906.09	763,995.02	32.08638545	-103.61438901
1,920.00	1.80	328.50	1,919.58	0.39	-3.45	395,908.74	763,993.48	32.08639277	-103.61439392
2,014.00	0.90	322.60	2,013.55	2.23	-4.67	395,910.59	763,992.26	32.08639786	-103.61439782
2,108.00	0.60	311.80	2,107.54	3.15	-5.48	395,911.50	763,991.44	32.08640039	-103.61440044
2,203.00	0.40	301.60	2,202.54	3.65	-6.14	395,912.01	763,990.79	32.08640179	-103.61440253
2,297.00	0.20	305.60	2,296.54	3.92	-6.55	395,912.28	763,990.38	32.08640253	-103.61440386
2,391.00	0.00	66.30	2,390.54	4.02	-6.68	395,912.37	763,990.24	32.08640280	-103.61440429
2,486.00	0.10	15.90	2,485.54	4.10	-6.66	395,912.45	763,990.27	32.08640302	-103.61440421
2,580.00	0.30	27.40	2,579.54	4.39	-6.52	395,912.75	763,990.40	32.08640383	-103.61440377
2,675.00	0.60	37.50	2,674.53	5.01	-6.11	395,913.37	763,990.82	32.08640552	-103.61440241
2,769.00	0.60	48.70	2,768.53	5.72	-5.44	395,914.08	763,991.49	32.08640747	-103.61440023
2,864.00	0.70	71.20	2,863.52	6.24	-4.51	395,914.60	763,992.41	32.08640887	-103.61439724
2,958.00	0.70	72.50	2,957.52	6.60	-3.42	395,914.95	763,993.50	32.08640983	-103.61439371
3,052.00	0.80	75.80	3,051.51	6.93	-2.24	395,915.29	763,994.69	32.08641073	-103.61438988
3,147.00	0.50	84.80	3,146.50	7.13	-1.18	395,915.49	763,995.74	32.08641126	-103.61438647
3,241.00	0.30	302.20	3,240.50	7.30	-0.98	395,915.66	763,995.94	32.08641172	-103.61438582
3,336.00	0.80	39.50	3,335.50	7.94	-0.77	395,916.30	763,996.15	32.08641349	-103.61438512
3,430.00	2.10	53.30	3,429.47	9.48	1.03	395,917.84	763,997.95	32.08641767	-103.61437928
3,525.00	1.10	51.20	3,524.43	11.09	3.13	395,919.45	764,000.06	32.08642207	-103.61437245
3,619.00	0.60	33.60	3,618.42	12.07	4.11	395,920.42	764,001.03	32.08642473	-103.61436928
3,713.00	0.70	4.90	3,712.41	13.05	4.43	395,921.40	764,001.36	32.08642742	-103.61436822
3,808.00	1.70	34.40	3,807.39	14.79	5.27	395,923.15	764,002.20	32.08643219	-103.61436545
3,902.00	0.20	333.90	3,901.37	16.09	5.99	395,924.44	764,002.92	32.08643575	-103.61436311
3,997.00	0.60	198.00	3,996.37	15.76	5.76	395,924.12	764,002.69	32.08643486	-103.61436385
4,091.00	0.80	191.30	4,090.37	14.65	5.48	395,923.01	764,002.41	32.08643181	-103.61436478
4,186.00	1.70	138.20	4,185.35	12.95	6.29	395,921.31	764,003.22	32.08642712	-103.61436220
4,280.00	2.50	135.40	4,279.28	10.45	8.66	395,918.81	764,005.59	32.08642021	-103.61435461
4,375.00	0.20	254.80	4,374.25	8.93	9.96	395,917.29	764,006.88	32.08641601	-103.61435046
4,469.00	1.20	168.10	4,468.24	7.93	10.00	395,916.28	764,006.93	32.08641324	-103.61435034
4,563.00	3.10	145.20	4,562.18	4.88	11.65	395,913.23	764,008.58	32.08640482	-103.61434506
4,658.00	2.50	147.60	4,657.06	1.02	14.23	395,909.37	764,011.16	32.08639417	-103.61433683
4,753.00	1.10	222.60	4,752.02	-1.40	14.72	395,906.95	764,011.65	32.08638751	-103.61433529
4,846.00	1.20	236.80	4,845.00	-2.59	13.30	395,905.76	764,010.23	32.08638426	-103.61433990
4,940.00	1.30	228.10	4,938.98	-3.85	11.69	395,904.51	764,008.61	32.08638085	-103.61434515
5,034.00	1.20	227.40	5,032.96	-5.22	10.17	395,903.13	764,007.10	32.08637709	-103.61435008
5,129.00	1.10	229.90	5,127.94	-6.48	8.74	395,901.87	764,005.67	32.08637365	-103.61435472
5,223.00	1.00	232.40	5,221.92	-7.57	7.40	395,900.79	764,004.33	32.08637070	-103.61435907
5,318.00	0.80	239.70	5,316.91	-8.41	6.17	395,899.95	764,003.10	32.08636842	-103.61436306
5,412.00	0.80	249.30	5,410.90	-8.97	4.99	395,899.39	764,001.92	32.08636689	-103.61436688
5,507.00	1.20	315.30	5,505.89	-8.50	3.67	395,899.86	764,000.60	32.08636821	-103.61437113
5,602.00	2.40	304.70	5,600.84	-6.66	1.33	395,901.70	763,998.26	32.08637331	-103.61437863
5,696.00	3.80	294.20	5,694.70	-4.26	-3.13	395,904.10	763,993.80	32.08637998	-103.61439298
5,790.00	5.40	289.20	5,788.40	-1.53	-10.14	395,906.83	763,986.78	32.08638762	-103.61441558
5,885.00	6.50	287.40	5,882.89	1.55	-19.50	395,909.91	763,977.43	32.08639625	-103.61444571
5,979.00	7.50	281.60	5,976.18	4.37	-30.58	395,912.73	763,966.34	32.08640422	-103.61448145
6,074.00	8.40	278.90	6,070.27	6.69	-43.51	395,915.05	763,953.41	32.08641084	-103.61452314
6,168.00	9.50	277.60	6,163.13	8.78	-57.99	395,917.14	763,938.94	32.08641684	-103.61456983
6,262.00	10.80	279.10	6,255.65	11.20	-74.37	395,919.56	763,922.55	32.08642379	-103.61462268

**PANTHER****Microsoft**

Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 602H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.3+23 @ 3442.30usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.3+23 @ 3442.30usft
Well:	Red Hills 602H	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
6,356.00	10.80	278.30	6,347.99	13.87	-91.78	395,922.22	763,905.14	32.08643143	-103.61467884
6,450.00	10.60	277.50	6,440.35	16.27	-109.07	395,924.62	763,887.86	32.08643835	-103.61473460
6,544.00	10.40	276.90	6,532.78	18.41	-126.06	395,926.77	763,870.86	32.08644456	-103.61478942
6,639.00	9.90	276.70	6,626.29	20.40	-142.69	395,928.75	763,854.24	32.08645032	-103.61484305
6,733.00	10.50	279.70	6,718.81	22.78	-159.16	395,931.14	763,837.77	32.08645718	-103.61489617
6,827.00	11.00	279.90	6,811.16	25.77	-176.43	395,934.12	763,820.49	32.08646570	-103.61495189
6,922.00	10.20	278.00	6,904.54	28.50	-193.69	395,936.85	763,803.24	32.08647351	-103.61500756
7,016.00	9.50	277.80	6,997.15	30.71	-209.62	395,939.06	763,787.31	32.08647988	-103.61505894
7,111.00	10.20	277.70	7,090.75	32.90	-225.72	395,941.26	763,771.20	32.08648620	-103.61511088
7,206.00	10.20	278.00	7,184.25	35.20	-242.39	395,943.55	763,754.54	32.08649282	-103.61516464
7,300.00	9.80	277.70	7,276.82	37.43	-258.56	395,945.78	763,738.37	32.08649925	-103.61521680
7,395.00	10.60	279.90	7,370.32	40.01	-275.18	395,948.37	763,721.75	32.08650666	-103.61527040
7,489.00	10.60	279.80	7,462.71	42.97	-292.21	395,951.33	763,704.71	32.08651510	-103.61532535
7,583.00	9.30	279.20	7,555.30	45.66	-308.23	395,954.01	763,688.69	32.08652278	-103.61537701
7,678.00	9.30	284.40	7,649.05	48.79	-323.24	395,957.15	763,673.68	32.08653167	-103.61542541
7,772.00	11.10	288.50	7,741.56	53.55	-339.18	395,961.91	763,657.74	32.08654505	-103.61547677
7,866.00	11.20	287.00	7,833.79	59.09	-356.49	395,967.45	763,640.43	32.08656060	-103.61553254
7,960.00	10.40	291.50	7,926.12	64.87	-373.12	395,973.23	763,623.81	32.08657678	-103.61558610
8,055.00	11.20	301.80	8,019.45	72.88	-388.94	395,981.23	763,607.99	32.08659908	-103.61563701
8,150.00	10.60	302.10	8,112.73	82.38	-404.18	395,990.74	763,592.74	32.08662548	-103.61568602
8,244.00	10.10	300.70	8,205.20	91.18	-418.59	395,999.54	763,578.33	32.08664994	-103.61573236
8,338.00	9.30	300.00	8,297.86	99.19	-432.26	396,007.55	763,564.67	32.08667220	-103.61577631
8,432.00	8.40	296.40	8,390.74	106.04	-444.99	396,014.40	763,551.94	32.08669126	-103.61581726
8,527.00	7.70	295.70	8,484.80	111.89	-456.94	396,020.24	763,539.99	32.08670755	-103.61585571
8,621.00	6.80	294.30	8,578.05	116.91	-467.68	396,025.26	763,529.24	32.08672155	-103.61589030
8,716.00	6.20	293.20	8,672.44	121.24	-477.53	396,029.60	763,519.40	32.08673364	-103.61592198
8,811.00	5.60	288.80	8,766.94	124.76	-486.63	396,033.11	763,510.30	32.08674347	-103.61595130
8,905.00	5.00	285.90	8,860.54	127.36	-494.91	396,035.71	763,502.02	32.08675077	-103.61597798
9,000.00	4.30	282.60	8,955.22	129.27	-502.37	396,037.63	763,494.56	32.08675616	-103.61600202
9,094.00	3.80	278.60	9,048.99	130.50	-508.89	396,038.86	763,488.04	32.08675967	-103.61602304
9,189.00	3.10	273.70	9,143.81	131.14	-514.56	396,039.50	763,482.36	32.08676153	-103.61604135
9,283.00	2.20	279.20	9,237.71	131.59	-518.88	396,039.95	763,478.05	32.08676285	-103.61605528
9,378.00	2.20	272.50	9,332.64	131.96	-522.50	396,040.32	763,474.42	32.08676393	-103.61606697
9,473.00	1.60	263.00	9,427.59	131.88	-525.64	396,040.24	763,471.29	32.08676377	-103.61607710
9,567.00	0.70	299.90	9,521.57	132.01	-527.44	396,040.36	763,469.49	32.08676415	-103.61608291
9,662.00	0.70	7.10	9,616.57	132.87	-527.87	396,041.23	763,469.05	32.08676653	-103.61608429
9,757.00	0.30	286.40	9,711.56	133.52	-528.04	396,041.88	763,468.89	32.08676831	-103.61608481
9,851.00	0.50	198.90	9,805.56	133.20	-528.41	396,041.56	763,468.52	32.08676744	-103.61608601
9,945.00	0.30	228.90	9,899.56	132.65	-528.73	396,041.01	763,468.20	32.08676594	-103.61608705
10,040.00	0.20	271.90	9,994.56	132.49	-529.08	396,040.85	763,467.85	32.08676551	-103.61608819
10,134.00	0.40	242.00	10,088.56	132.34	-529.53	396,040.70	763,467.39	32.08676511	-103.61608966
10,229.00	0.30	194.60	10,183.56	131.95	-529.89	396,040.30	763,467.04	32.08676403	-103.61609082
10,323.00	0.40	157.20	10,277.55	131.41	-529.82	396,039.76	763,467.10	32.08676254	-103.61609062
10,417.00	0.00	271.80	10,371.55	131.10	-529.70	396,039.46	763,467.23	32.08676171	-103.61609022
10,512.00	0.20	75.90	10,466.55	131.15	-529.53	396,039.50	763,467.39	32.08676181	-103.61608970
10,606.00	0.70	90.30	10,560.55	131.18	-528.80	396,039.54	763,468.12	32.08676190	-103.61608733
10,700.00	0.70	98.20	10,654.54	131.10	-527.66	396,039.45	763,469.27	32.08676165	-103.61608364
10,795.00	0.20	60.80	10,749.54	131.10	-526.94	396,039.45	763,469.99	32.08676163	-103.61608132
10,889.00	0.60	350.30	10,843.54	131.66	-526.88	396,040.02	763,470.05	32.08676318	-103.61608111
10,983.00	2.30	355.20	10,937.50	134.03	-527.12	396,042.38	763,469.81	32.08676969	-103.61608184
11,078.00	2.80	351.20	11,032.41	138.22	-527.63	396,046.57	763,469.29	32.08678122	-103.61608341
11,172.00	2.00	327.40	11,126.33	141.87	-528.87	396,050.23	763,468.06	32.08679128	-103.61608732
11,266.00	1.50	334.90	11,220.29	144.36	-530.28	396,052.72	763,466.65	32.08679816	-103.61609180
11,360.00	0.60	276.70	11,314.27	145.54	-531.29	396,053.89	763,465.64	32.08680140	-103.61609504
11,455.00	0.70	235.90	11,409.26	145.27	-532.26	396,053.63	763,464.67	32.08680069	-103.61609819

**PANTHER****Microsoft**

Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 602H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.3+23 @ 3442.30usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.3+23 @ 3442.30usft
Well:	Red Hills 602H	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
11,549.00	0.70	209.50	11,503.26	144.45	-533.02	396,052.80	763,463.91	32.08679844	-103.61610066
11,653.00	0.70	167.40	11,607.25	143.27	-533.19	396,051.63	763,463.73	32.08679522	-103.61610125
11,747.00	0.60	144.80	11,701.25	142.31	-532.78	396,050.67	763,464.14	32.08679257	-103.61609995
11,842.00	0.40	164.70	11,796.24	141.59	-532.41	396,049.94	763,464.52	32.08679056	-103.61609875
11,936.00	0.70	184.60	11,890.24	140.70	-532.37	396,049.05	763,464.56	32.08678812	-103.61609864
12,030.00	1.20	197.70	11,984.22	139.19	-532.71	396,047.54	763,464.21	32.08678398	-103.61609979
12,124.00	1.30	190.70	12,078.20	137.20	-533.21	396,045.56	763,463.71	32.08677853	-103.61610144
12,180.00	1.90	182.70	12,134.18	135.65	-533.37	396,044.01	763,463.55	32.08677427	-103.61610199
12,219.00	3.50	172.60	12,173.14	133.82	-533.25	396,042.18	763,463.68	32.08676924	-103.61610164
12,266.00	5.60	175.90	12,219.98	130.11	-532.90	396,038.47	763,464.02	32.08675904	-103.61610059
12,313.00	10.30	176.60	12,266.52	123.63	-532.49	396,031.98	763,464.44	32.08674120	-103.61609939
12,360.00	13.90	172.30	12,312.47	113.84	-531.48	396,022.19	763,465.44	32.08671427	-103.61609636
12,408.00	18.70	164.40	12,358.53	100.70	-528.64	396,009.06	763,468.29	32.08667811	-103.61608746
12,455.00	21.50	163.60	12,402.66	85.18	-524.18	395,993.54	763,472.75	32.08663537	-103.61607339
12,502.00	26.80	162.90	12,445.54	66.78	-518.63	395,975.13	763,478.30	32.08658468	-103.61605587
12,565.00	31.10	166.60	12,500.66	37.36	-510.68	395,945.71	763,486.25	32.08650367	-103.61603083
12,597.00	32.80	167.00	12,527.81	20.87	-506.81	395,929.23	763,490.11	32.08645828	-103.61601870
12,628.00	36.70	168.00	12,553.27	3.62	-503.00	395,911.98	763,493.93	32.08641080	-103.61600675
12,660.00	41.60	169.10	12,578.08	-16.17	-499.00	395,892.18	763,497.93	32.08635631	-103.61599426
12,691.00	45.70	169.50	12,600.51	-37.20	-495.03	395,871.16	763,501.90	32.08629846	-103.61598190
12,738.00	51.60	168.70	12,631.55	-71.82	-488.35	395,836.53	763,508.58	32.08620315	-103.61596107
12,785.00	56.40	166.50	12,659.17	-108.94	-480.16	395,799.42	763,516.76	32.08610097	-103.61593545
12,832.00	62.90	164.60	12,682.90	-148.19	-470.03	395,760.17	763,526.90	32.08599291	-103.61590356
12,880.00	69.30	165.00	12,702.34	-190.52	-458.53	395,717.84	763,538.39	32.08587635	-103.61586736
12,927.00	73.90	167.00	12,717.17	-233.78	-447.76	395,674.58	763,549.17	32.08575724	-103.61583349
12,974.00	76.30	170.20	12,729.26	-278.29	-438.79	395,630.07	763,558.14	32.08563473	-103.61580549
13,021.00	75.90	170.50	12,740.55	-323.27	-431.14	395,585.09	763,565.79	32.08551095	-103.61578177
13,069.00	79.50	171.40	12,750.77	-369.58	-423.77	395,538.78	763,573.16	32.08538353	-103.61575896
13,096.00	84.50	171.20	12,754.53	-396.00	-419.72	395,512.36	763,577.20	32.08531083	-103.61574647
13,128.00	87.20	171.00	12,756.85	-427.53	-414.79	395,480.83	763,582.14	32.08522408	-103.61573121
13,190.00	87.00	170.10	12,759.98	-488.61	-404.62	395,419.75	763,592.31	32.08505600	-103.61569969
13,284.00	90.00	170.20	12,762.44	-581.18	-388.55	395,327.18	763,608.38	32.08480125	-103.61564979
13,379.00	91.50	171.60	12,761.20	-674.97	-373.52	395,233.39	763,623.40	32.08454316	-103.61560330
13,473.00	92.00	172.80	12,758.33	-768.05	-360.77	395,140.30	763,636.15	32.08428706	-103.61556413
13,567.00	90.40	174.50	12,756.36	-861.45	-350.38	395,046.91	763,646.55	32.08403015	-103.61553258
13,662.00	89.20	174.50	12,756.69	-956.01	-341.27	394,952.35	763,655.65	32.08377006	-103.61550521
13,756.00	90.60	176.50	12,756.86	-1,049.71	-333.90	394,858.64	763,663.03	32.08351236	-103.61548342
13,850.00	90.40	178.40	12,756.04	-1,143.61	-329.72	394,764.74	763,667.21	32.08325418	-103.61547193
13,944.00	89.50	180.30	12,756.12	-1,237.60	-328.65	394,670.76	763,668.27	32.08299581	-103.61547051
14,039.00	89.50	181.00	12,756.95	-1,332.59	-329.73	394,575.77	763,667.20	32.08273472	-103.61547603
14,133.00	88.40	180.80	12,758.67	-1,426.56	-331.21	394,481.80	763,665.72	32.08247645	-103.61548282
14,228.00	88.50	181.40	12,761.24	-1,521.51	-333.03	394,386.85	763,663.90	32.08221550	-103.61549074
14,322.00	88.70	181.10	12,763.54	-1,615.46	-335.08	394,292.90	763,661.85	32.08195729	-103.61549938
14,417.00	89.50	180.20	12,765.03	-1,710.44	-336.16	394,197.92	763,660.77	32.08169623	-103.61550490
14,511.00	90.10	178.40	12,765.36	-1,804.43	-335.01	394,103.93	763,661.92	32.08143786	-103.61550321
14,605.00	90.50	179.60	12,764.86	-1,898.41	-333.37	394,009.95	763,663.56	32.08117950	-103.61549993
14,699.00	90.00	179.40	12,764.45	-1,992.40	-332.55	393,915.95	763,664.38	32.08092111	-103.61549931
14,794.00	88.90	179.60	12,765.37	-2,087.40	-331.72	393,820.96	763,665.21	32.08065999	-103.61549867
14,888.00	90.60	180.30	12,765.78	-2,181.39	-331.64	393,726.97	763,665.29	32.08040162	-103.61550042
14,982.00	90.00	179.00	12,765.28	-2,275.38	-331.06	393,632.97	763,665.86	32.08014324	-103.61550059
15,076.00	90.30	180.70	12,765.04	-2,369.38	-330.82	393,538.98	763,666.11	32.07988487	-103.61550181
15,110.00	90.05	180.56	12,764.93	-2,403.38	-331.19	393,504.98	763,665.74	32.07979142	-103.61550375
Cross Section Line 15110 MD/12764.93 TVD -2403.38 S -331.19 W N: 393504.9 E: 763665.7									
15,171.00	89.60	180.30	12,765.12	-2,464.38	-331.64	393,443.98	763,665.28	32.07962376	-103.61550653
15,266.00	90.40	179.10	12,765.12	-2,559.37	-331.15	393,348.98	763,665.78	32.07936263	-103.61550697



Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 602H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.3+23 @ 3442.30usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.3+23 @ 3442.30usft
Well:	Red Hills 602H	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
15,360.00	90.90	180.20	12,764.05	-2,653.36	-330.57	393,254.99	763,666.35	32.07910426	-103.61550713
15,455.00	90.10	180.20	12,763.22	-2,748.36	-330.90	393,160.00	763,666.02	32.07884315	-103.61551024
15,549.00	89.70	180.50	12,763.39	-2,842.36	-331.48	393,066.00	763,665.45	32.07858479	-103.61551412
15,644.00	89.80	179.30	12,763.80	-2,937.35	-331.31	392,971.00	763,665.61	32.07832366	-103.61551562
15,738.00	90.50	178.30	12,763.56	-3,031.33	-329.34	392,877.03	763,667.58	32.07806530	-103.61551129
15,833.00	94.00	179.80	12,759.83	-3,126.23	-327.77	392,782.13	763,669.16	32.07780443	-103.61550824
15,927.00	93.40	182.30	12,753.76	-3,220.01	-329.49	392,688.35	763,667.44	32.07754668	-103.61551580
16,022.00	91.30	182.70	12,749.87	-3,314.83	-333.63	392,593.53	763,663.30	32.07728611	-103.61553121
16,116.00	87.30	182.10	12,751.01	-3,408.72	-337.56	392,499.63	763,659.36	32.07702810	-103.61554593
16,211.00	86.60	180.40	12,756.07	-3,503.56	-339.63	392,404.80	763,657.29	32.07676744	-103.61555465
16,305.00	89.70	180.40	12,759.10	-3,597.50	-340.29	392,310.86	763,656.64	32.07650925	-103.61555878
16,400.00	90.90	178.20	12,758.61	-3,692.48	-339.13	392,215.87	763,657.80	32.07624814	-103.61555708
16,494.00	93.20	178.40	12,755.24	-3,786.37	-336.34	392,121.98	763,660.58	32.07599000	-103.61555010
16,588.00	92.40	178.80	12,750.65	-3,880.23	-334.05	392,028.12	763,662.88	32.07573196	-103.61554471
16,683.00	90.60	178.20	12,748.16	-3,975.16	-331.56	391,933.19	763,665.36	32.07547098	-103.61553872
16,777.00	90.50	178.80	12,747.26	-4,069.13	-329.10	391,839.23	763,667.82	32.07521265	-103.61553280
16,872.00	90.30	178.00	12,746.60	-4,164.09	-326.45	391,744.27	763,670.48	32.07495158	-103.61552627
16,966.00	91.30	179.00	12,745.29	-4,258.04	-323.99	391,650.31	763,672.94	32.07469327	-103.61552035
17,061.00	93.10	179.40	12,741.64	-4,352.96	-322.66	391,555.40	763,674.26	32.07443235	-103.61551811
17,155.00	91.50	180.30	12,737.87	-4,446.88	-322.42	391,461.48	763,674.51	32.07417418	-103.61551933
17,251.00	89.50	178.80	12,737.03	-4,542.86	-321.66	391,365.49	763,675.26	32.07391032	-103.61551896
17,346.00	92.00	179.80	12,735.79	-4,637.84	-320.50	391,270.52	763,676.42	32.07364924	-103.61551725
17,440.00	91.20	178.30	12,733.16	-4,731.79	-318.95	391,176.57	763,677.98	32.07339097	-103.61551424
17,535.00	92.30	176.70	12,730.26	-4,826.65	-314.80	391,081.71	763,682.12	32.07313015	-103.61550291
17,629.00	92.00	178.50	12,726.73	-4,920.50	-310.87	390,987.86	763,686.05	32.07287211	-103.61549223
17,723.00	91.90	179.80	12,723.53	-5,014.43	-309.48	390,893.93	763,687.45	32.07261388	-103.61548975
17,818.00	90.40	180.20	12,721.63	-5,109.41	-309.48	390,798.95	763,687.45	32.07235281	-103.61549179
17,913.00	89.90	180.90	12,721.38	-5,204.40	-310.39	390,703.96	763,686.54	32.07209171	-103.61549677
18,007.00	89.40	180.90	12,721.95	-5,298.39	-311.87	390,609.97	763,685.06	32.07183340	-103.61550355
18,102.00	90.40	181.40	12,722.12	-5,393.37	-313.77	390,514.99	763,683.15	32.07157236	-103.61551175
18,197.00	90.60	181.80	12,721.29	-5,488.33	-316.43	390,420.03	763,680.50	32.07131138	-103.61552235
18,291.00	89.50	183.60	12,721.21	-5,582.22	-320.85	390,326.14	763,676.07	32.07105338	-103.61553866
18,386.00	86.60	182.50	12,724.44	-5,677.02	-325.91	390,231.34	763,671.02	32.07079290	-103.61555701
18,481.00	87.60	182.20	12,729.25	-5,771.81	-329.80	390,136.54	763,667.13	32.07053239	-103.61557160
18,575.00	88.40	181.40	12,732.53	-5,865.71	-332.75	390,042.65	763,664.18	32.07027435	-103.61558314
18,669.00	89.20	180.30	12,734.50	-5,959.67	-334.14	389,948.68	763,662.79	32.07001609	-103.61558966
18,764.00	88.60	178.20	12,736.32	-6,054.64	-332.90	389,853.71	763,664.03	32.06975502	-103.61558768
18,858.00	88.70	177.40	12,738.54	-6,148.55	-329.29	389,759.81	763,667.64	32.06949683	-103.61557806
18,953.00	90.90	179.00	12,738.87	-6,243.49	-326.31	389,664.87	763,670.62	32.06923580	-103.61557046
19,047.00	92.70	180.30	12,735.91	-6,337.44	-325.73	389,570.92	763,671.19	32.06897756	-103.61557063
19,142.00	93.00	180.80	12,731.19	-6,432.31	-326.64	389,476.04	763,670.28	32.06871678	-103.61557560
19,237.00	88.00	178.10	12,730.36	-6,527.27	-325.73	389,381.09	763,671.20	32.06845576	-103.61557470
19,331.00	87.60	178.60	12,733.97	-6,621.16	-323.03	389,287.20	763,673.90	32.06819762	-103.61556798
19,426.00	90.70	180.60	12,735.38	-6,716.13	-322.36	389,192.23	763,674.56	32.06793656	-103.61556788
19,520.00	89.90	178.40	12,734.89	-6,810.12	-321.54	389,098.24	763,675.38	32.06767819	-103.61556725
19,615.00	90.90	177.20	12,734.22	-6,905.04	-317.90	389,003.31	763,679.03	32.06741720	-103.61555752
19,709.00	85.80	175.40	12,736.93	-6,998.77	-311.84	388,909.58	763,685.09	32.06715945	-103.61553997
19,804.00	89.40	178.30	12,740.91	-7,093.52	-306.63	388,814.84	763,690.30	32.06689891	-103.61552518
19,898.00	90.20	178.00	12,741.24	-7,187.47	-303.59	388,720.89	763,693.34	32.06664061	-103.61551741
19,992.00	92.60	178.00	12,738.94	-7,281.38	-300.31	388,626.98	763,696.61	32.06638242	-103.61550884
20,087.00	92.70	177.50	12,734.55	-7,376.20	-296.59	388,532.15	763,700.34	32.06612170	-103.61549885
20,182.00	93.00	177.60	12,729.82	-7,471.00	-292.53	388,437.36	763,704.40	32.06586106	-103.61548779
20,214.00	94.20	178.30	12,727.81	-7,502.91	-291.39	388,405.44	763,705.54	32.06577331	-103.61548479
Last MWD Survey 20214 MD/12727.81 TVD -7502.91 S -291.39 W N: 388405.4 E: 763705.5									



Microsoft
Survey Report - Geographic

KAISER-FRANCIS OIL COMPANY

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills 602H
Project:	Lea County, NM (NAD 83)	TVD Reference:	3419.3+23 @ 3442.30usft
Site:	Sec 31-T25S-R33E	MD Reference:	3419.3+23 @ 3442.30usft
Well:	Red Hills 602H	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
20,275.00	94.20	178.30	12,723.35	-7,563.72	-289.58	388,344.63	763,707.34	32.06560613	-103.61548027
PTB 20275 MD/12723.35 TVD -7563.72 S -289.58 W N: 388344.6 E: 763707.3									

Survey Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
236.00	235.99	-1.98	-1.10	1st MWD Survey	
15,110.00	12,764.93	-2,403.38	-331.19	Cross Section Line 15110 MD/12764.93 TVD -2403.38 S -331.19 W N: 393504.	
20,214.00	12,727.81	-7,502.91	-291.39	Last MWD Survey 20214 MD/12727.81 TVD -7502.91 S -291.39 W N: 388405.4	
20,275.00	12,723.35	-7,563.72	-289.58	PTB 20275 MD/12723.35 TVD -7563.72 S -289.58 W N: 388344.6 E: 763707.3	

Checked By: _____ Approved By: _____ Date: _____

Well Name: RED HILLS	Well Location: T25S / R33E / SEC 31 / NESW / 32.0863916 / -103.6143828	County or Parish/State: LEA / NM
Well Number: 102H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545384	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: 01:42
Date Operation Actually Began: 12/19/2020	

Actual Procedure: Red Hills 602H Completion began 12/19/20 Completion finished 1/7/21 1.MIRU WL. 2.TCP Stage 1: 20,034'-20,156'. Broke down perfs. 3.Stage frac lateral 12,832'-20,156' in 43 stages w/203,054 bbls fluid + 21,035,319# 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 12:37 PM
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	Well Location: T25S / R33E / SEC 31 / NESW / 32.0863916 / -103.6143828	County or Parish/State: LEA / NM
Well Number: 102H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545384	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: 602H		
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	1715	West	Lea
BH:	N	6	26S	33E		115	South	1351	West	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.)			
11/3/19	11/21/19	11/23/19		2/25/21			3419 GR			
18. Total Measured Depth of Well			19. Plug Back Measured Depth		20. Was Directional Survey Made?			21. Type Electric and Other Logs Run		
20,275MD 12,723TVD			20,166MD 12,730TVD		Yes			GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name										
12,832-20,156								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		926		14-3/4		540 sx		-0-
7-5/8		29.7		11,615		9-7/8		1,240 sx		-0-
5-1/2		20		20,256		6-3/4		1,525 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) 12,832-20,156 .41" 1935 holes						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC.				
						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						12,832-		203,054 bbls fluid+		
						20,156		21,035,319# sd.		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
3/20/21		Flowing				Prod				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
	24	22/64		519	1946	2651	3749.52			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
	3900		519	1946	2651	47				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)								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 Printed Signature <i>Eric Hansen</i> Name Eric Hansen Title Petroleum Engineer Date 5/13/21 E-mail Address EricH@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. Blinbry	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 12,832 to 20,156
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 131542

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131542
	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 131542

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131542
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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