

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 - 025-45899	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 503H

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	1835	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		156	South	1817	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 8/29/2019	²² Ready Date 2/1/2021	²³ TD 19918' MD/ 12494' TVD	²⁴ PBD 19865' MD/ 12494' TVD	²⁵ Perforations 12719-19855	²⁶ DHC, MC -	
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set		³⁰ Sacks Cement
14 - 3/4		10 - 3/4		917		540 SX
9 - 7/8		7 - 5/8		11,629		1,040 SX
6 - 3/4		5 - 1/2		19,891		1,550 SX

V. Well Test Data

³¹ Date New Oil 3/18/2021	³² Gas Delivery Date 3/18/2021	³³ Test Date 4/11/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3800
³⁷ Choke Size 20/64	³⁸ Oil 789	³⁹ Water 1798	⁴⁰ Gas 1727		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: 5/14/2021		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 30-025-45899	² Pool Code 98158	³ Pool Name Wildcat Upper Wolfcamp Oil Pool
⁴ Property Code 5467	⁵ Property Name RED HILLS	⁶ Well Number 503H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 3418.0

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
K	31	25 S	33 E		2400	SOUTH	1835	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		156	SOUTH	1817	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. Eric Hansen 5/3/21 Signature _____ Date _____ Eric Hansen Printed Name _____ EricH@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 # 30-025-45899		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: RED HILLS	Well Number 503H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	31	25S	33E		2568	SOUTH	1740	WEST	LEA
Latitude 32.0868535					Longitude 103.6143030				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	31	25S	33E		2050	SOUTH	1790	WEST	LEA
Latitude 32.0854289					Longitude 103.6141363				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	6	26S	33E		219	SOUTH	1813	WEST	LEA
Latitude 32.0658961					Longitude 103.6139918				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

Kaiser-Francis Oil Company

**Lea County, NM (NAD 83 NME)
(Red Hills) Sec-31_T-25-S_R-33-E
Red Hills #503H**

OWB

Design: AWB

Standard Survey Report

02 October, 2019



Kaiser-Francis Oil Company

Intrepid
Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3441.0usft
Site:	(Red Hills) Sec-31_T-25-S_R-33-E	MD Reference:	KB @ 3441.0usft
Well:	Red Hills #503H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	Database:	EDM 5000.15 Single User Db

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

Site	(Red Hills) Sec-31_T-25-S_R-33-E		
Site Position:		Northing:	395,909.01 usft
From:	Map	Easting:	764,096.92 usft
Position Uncertainty:	0.0 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 5' 11.010 N
		Longitude:	103° 36' 50.616 W
		Grid Convergence:	0.38 °

Well	Red Hills #503H		
Well Position	+N/-S	0.0 usft	Northing:
	+E/-W	0.0 usft	Easting:
Position Uncertainty	0.0 usft		Wellhead Elevation:
			Latitude:
			Longitude:
			Ground Level:

Wellbore	OWB		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2015	08/02/19	6.73
			Dip Angle (°)
			59.90
			Field Strength (nT)
			47,633.78449690

Design	AWB		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.0
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.0	0.0	0.0
			Direction (°)
			0.00

Survey Program	Date	10/02/19		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
152.0	19,918.0	Nexus MWD (OWB)	MWD	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)
0.0	0.00	0.00	0.0	0.0	0.0	0.0	0.00	0.00	0.00
152.0	0.40	209.18	152.0	-0.5	-0.3	-0.5	0.26	0.26	0.00
246.0	0.92	236.61	246.0	-1.2	-1.0	-1.2	0.63	0.55	29.18
339.0	1.58	233.18	339.0	-2.3	-2.7	-2.3	0.71	0.71	-3.69
432.0	1.58	229.66	431.9	-3.9	-4.7	-3.9	0.10	0.00	-3.78
526.0	2.46	233.18	525.9	-6.0	-7.3	-6.0	0.94	0.94	3.74
620.0	2.33	230.54	619.8	-8.4	-10.4	-8.4	0.18	-0.14	-2.81
714.0	2.55	230.54	713.7	-11.0	-13.5	-11.0	0.23	0.23	0.00
807.0	1.93	240.65	806.6	-13.0	-16.4	-13.0	0.79	-0.67	10.87
866.0	1.93	243.46	865.6	-14.0	-18.2	-14.0	0.16	0.00	4.76

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Intrepid

Survey Report



Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills #503H
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Site:	(Red Hills) Sec-31_T-25-S_R-33-E	MD Reference:	KB @ 3441.0usft
Well:	Red Hills #503H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	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)
962.0	2.10	242.27	961.5	-15.5	-21.2	-15.5	0.18	0.18	-1.24
1,056.0	0.40	168.17	1,055.5	-16.6	-22.7	-16.6	2.16	-1.81	-78.83
1,181.0	1.60	119.67	1,180.5	-17.9	-21.1	-17.9	1.09	0.96	-38.80
1,275.0	2.30	105.27	1,274.4	-19.1	-18.1	-19.1	0.90	0.74	-15.32
1,368.0	2.50	111.97	1,367.4	-20.3	-14.4	-20.3	0.37	0.22	7.20
1,462.0	2.40	112.77	1,461.3	-21.9	-10.7	-21.9	0.11	-0.11	0.85
1,555.0	2.70	88.47	1,554.2	-22.5	-6.7	-22.5	1.20	0.32	-26.13
1,649.0	3.10	81.97	1,648.1	-22.1	-2.0	-22.1	0.55	0.43	-6.91
1,743.0	3.20	82.97	1,741.9	-21.5	3.1	-21.5	0.12	0.11	1.06
1,836.0	3.50	64.77	1,834.8	-19.9	8.3	-19.9	1.18	0.32	-19.57
1,931.0	3.70	54.37	1,929.6	-16.9	13.4	-16.9	0.72	0.21	-10.95
2,025.0	3.50	35.27	2,023.4	-12.8	17.5	-12.8	1.29	-0.21	-20.32
2,120.0	3.00	22.37	2,118.3	-8.1	20.1	-8.1	0.93	-0.53	-13.58
2,214.0	2.90	22.97	2,212.1	-3.7	22.0	-3.7	0.11	-0.11	0.64
2,309.0	3.60	358.27	2,307.0	1.5	22.9	1.5	1.63	0.74	-26.00
2,403.0	4.50	348.17	2,400.7	8.1	22.0	8.1	1.22	0.96	-10.74
2,498.0	4.30	348.77	2,495.5	15.2	20.5	15.2	0.22	-0.21	0.63
2,593.0	4.40	335.07	2,590.2	22.0	18.3	22.0	1.10	0.11	-14.42
2,688.0	5.40	320.97	2,684.8	28.8	14.0	28.8	1.64	1.05	-14.84
2,782.0	5.40	320.67	2,778.4	35.7	8.4	35.7	0.03	0.00	-0.32
2,877.0	5.30	320.77	2,873.0	42.5	2.8	42.5	0.11	-0.11	0.11
2,972.0	4.50	321.27	2,967.7	48.8	-2.3	48.8	0.84	-0.84	0.53
3,067.0	4.00	322.37	3,062.4	54.4	-6.7	54.4	0.53	-0.53	1.16
3,161.0	4.10	323.67	3,156.2	59.7	-10.7	59.7	0.14	0.11	1.38
3,256.0	3.00	314.17	3,251.0	64.1	-14.5	64.1	1.31	-1.16	-10.00
3,351.0	2.30	312.97	3,345.9	67.2	-17.7	67.2	0.74	-0.74	-1.26
3,445.0	2.40	332.67	3,439.8	70.2	-19.9	70.2	0.86	0.11	20.96
3,540.0	2.40	345.27	3,534.7	73.9	-21.4	73.9	0.55	0.00	13.26
3,635.0	2.50	359.27	3,629.6	77.9	-21.9	77.9	0.64	0.11	14.74
3,729.0	2.60	7.47	3,723.5	82.0	-21.6	82.0	0.40	0.11	8.72
3,824.0	2.80	17.07	3,818.4	86.4	-20.7	86.4	0.52	0.21	10.11
3,919.0	2.40	18.77	3,913.3	90.5	-19.4	90.5	0.43	-0.42	1.79
4,013.0	1.90	17.97	4,007.3	93.8	-18.2	93.8	0.53	-0.53	-0.85
4,108.0	1.50	24.37	4,102.2	96.5	-17.2	96.5	0.47	-0.42	6.74
4,203.0	2.20	38.17	4,197.2	99.0	-15.6	99.0	0.87	0.74	14.53
4,297.0	3.30	45.57	4,291.1	102.4	-12.6	102.4	1.23	1.17	7.87
4,392.0	3.30	50.97	4,385.9	106.0	-8.5	106.0	0.33	0.00	5.68
4,486.0	3.30	55.87	4,479.8	109.2	-4.1	109.2	0.30	0.00	5.21
4,581.0	3.60	49.67	4,574.6	112.7	0.4	112.7	0.50	0.32	-6.53
4,677.0	4.00	37.47	4,670.4	117.3	4.7	117.3	0.94	0.42	-12.71
4,771.0	2.30	45.37	4,764.2	121.2	8.1	121.2	1.86	-1.81	8.40
4,866.0	1.50	17.57	4,859.2	123.7	9.8	123.7	1.26	-0.84	-29.26
4,961.0	1.50	354.87	4,954.2	126.2	10.1	126.2	0.62	0.00	-23.89
5,055.0	2.20	332.17	5,048.1	129.0	9.1	129.0	1.06	0.74	-24.15

Kaiser-Francis Oil Company

Intrepid
Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills #503H
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Design:	AWB	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)
5,150.0	2.70	328.17	5,143.0	132.5	7.1	132.5	0.56	0.53	-4.21
5,244.0	2.50	328.67	5,236.9	136.1	4.8	136.1	0.21	-0.21	0.53
5,338.0	2.20	328.17	5,330.8	139.4	2.8	139.4	0.32	-0.32	-0.53
5,432.0	2.20	330.77	5,424.8	142.5	1.0	142.5	0.11	0.00	2.77
5,527.0	2.10	328.07	5,519.7	145.6	-0.8	145.6	0.15	-0.11	-2.84
5,622.0	2.60	319.57	5,614.6	148.7	-3.1	148.7	0.64	0.53	-8.95
5,716.0	3.40	314.17	5,708.5	152.3	-6.5	152.3	0.90	0.85	-5.74
5,811.0	3.30	291.37	5,803.3	155.2	-11.1	155.2	1.40	-0.11	-24.00
5,906.0	3.60	283.27	5,898.2	156.9	-16.5	156.9	0.60	0.32	-8.53
6,001.0	3.50	291.77	5,993.0	158.7	-22.1	158.7	0.56	-0.11	8.95
6,095.0	3.30	299.77	6,086.8	161.1	-27.1	161.1	0.55	-0.21	8.51
6,190.0	3.10	301.87	6,181.7	163.8	-31.7	163.8	0.24	-0.21	2.21
6,285.0	3.00	300.27	6,276.5	166.4	-36.0	166.4	0.14	-0.11	-1.68
6,379.0	2.90	299.07	6,370.4	168.8	-40.2	168.8	0.13	-0.11	-1.28
6,474.0	2.90	298.77	6,465.3	171.1	-44.4	171.1	0.02	0.00	-0.32
6,567.0	2.20	301.87	6,558.2	173.2	-48.0	173.2	0.77	-0.75	3.33
6,662.0	1.20	303.27	6,653.2	174.7	-50.4	174.7	1.05	-1.05	1.47
6,757.0	1.10	296.87	6,748.1	175.7	-52.0	175.7	0.17	-0.11	-6.74
6,851.0	1.00	295.67	6,842.1	176.4	-53.6	176.4	0.11	-0.11	-1.28
6,946.0	0.90	292.57	6,937.1	177.1	-55.0	177.1	0.12	-0.11	-3.26
7,040.0	0.80	288.47	7,031.1	177.6	-56.3	177.6	0.12	-0.11	-4.36
7,135.0	0.60	300.47	7,126.1	178.0	-57.4	178.0	0.26	-0.21	12.63
7,229.0	0.70	292.57	7,220.1	178.5	-58.3	178.5	0.14	0.11	-8.40
7,324.0	0.70	270.67	7,315.1	178.7	-59.4	178.7	0.28	0.00	-23.05
7,419.0	0.70	277.57	7,410.1	178.8	-60.6	178.8	0.09	0.00	7.26
7,513.0	0.80	261.57	7,504.1	178.8	-61.8	178.8	0.25	0.11	-17.02
7,608.0	0.70	270.47	7,599.1	178.7	-63.1	178.7	0.16	-0.11	9.37
7,702.0	0.50	267.07	7,693.0	178.7	-64.0	178.7	0.22	-0.21	-3.62
7,797.0	0.40	223.97	7,788.0	178.4	-64.7	178.4	0.36	-0.11	-45.37
7,891.0	0.40	218.77	7,882.0	177.9	-65.1	177.9	0.04	0.00	-5.53
7,986.0	0.70	199.37	7,977.0	177.1	-65.5	177.1	0.37	0.32	-20.42
8,080.0	1.00	178.07	8,071.0	175.8	-65.7	175.8	0.46	0.32	-22.66
8,174.0	0.90	166.67	8,165.0	174.2	-65.5	174.2	0.23	-0.11	-12.13
8,269.0	0.90	160.17	8,260.0	172.8	-65.1	172.8	0.11	0.00	-6.84
8,363.0	1.10	156.47	8,354.0	171.3	-64.4	171.3	0.22	0.21	-3.94
8,458.0	0.70	147.47	8,449.0	169.9	-63.8	169.9	0.45	-0.42	-9.47
8,553.0	0.90	144.17	8,544.0	168.9	-63.0	168.9	0.22	0.21	-3.47
8,647.0	0.70	145.77	8,638.0	167.8	-62.3	167.8	0.21	-0.21	1.70
8,742.0	0.70	150.07	8,733.0	166.8	-61.7	166.8	0.06	0.00	4.53
8,837.0	0.40	195.17	8,827.9	166.0	-61.4	166.0	0.53	-0.32	47.47
8,931.0	0.60	213.17	8,921.9	165.2	-61.8	165.2	0.27	0.21	19.15
9,025.0	0.40	198.87	9,015.9	164.5	-62.2	164.5	0.25	-0.21	-15.21
9,120.0	0.70	201.87	9,110.9	163.7	-62.5	163.7	0.32	0.32	3.16

Kaiser-Francis Oil Company

Intrepid

Survey Report



Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Red Hills #503H
Project:	Lea County, NM (NAD 83 NME)	TVD Reference:	KB @ 3441.0usft
Site:	(Red Hills) Sec-31_T-25-S_R-33-E	MD Reference:	KB @ 3441.0usft
Well:	Red Hills #503H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	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)
9,214.0	0.60	207.07	9,204.9	162.7	-62.9	162.7	0.12	-0.11	5.53
9,309.0	0.20	240.07	9,299.9	162.2	-63.3	162.2	0.47	-0.42	34.74
9,403.0	0.20	49.07	9,393.9	162.2	-63.3	162.2	0.42	0.00	179.79
9,498.0	0.20	15.37	9,488.9	162.5	-63.2	162.5	0.12	0.00	-35.47
9,592.0	0.20	1.07	9,582.9	162.8	-63.1	162.8	0.05	0.00	-15.21
9,687.0	0.40	5.87	9,677.9	163.3	-63.1	163.3	0.21	0.21	5.05
9,781.0	0.40	268.37	9,771.9	163.6	-63.4	163.6	0.64	0.00	-103.72
9,876.0	0.60	245.47	9,866.9	163.4	-64.2	163.4	0.29	0.21	-24.11
9,970.0	0.30	259.47	9,960.9	163.1	-64.8	163.1	0.34	-0.32	14.89
10,065.0	1.00	258.17	10,055.9	162.9	-65.9	162.9	0.74	0.74	-1.37
10,159.0	1.20	252.27	10,149.9	162.5	-67.6	162.5	0.24	0.21	-6.28
10,253.0	1.20	237.27	10,243.9	161.6	-69.4	161.6	0.33	0.00	-15.96
10,346.0	1.00	229.27	10,336.9	160.6	-70.8	160.6	0.27	-0.22	-8.60
10,441.0	0.50	288.87	10,431.8	160.2	-71.9	160.2	0.91	-0.53	62.74
10,535.0	0.70	311.77	10,525.8	160.7	-72.7	160.7	0.33	0.21	24.36
10,630.0	0.70	321.67	10,620.8	161.5	-73.5	161.5	0.13	0.00	10.42
10,725.0	0.80	335.17	10,715.8	162.6	-74.1	162.6	0.21	0.11	14.21
10,819.0	0.70	323.27	10,809.8	163.6	-74.7	163.6	0.20	-0.11	-12.66
10,914.0	1.00	296.37	10,904.8	164.5	-75.8	164.5	0.52	0.32	-28.32
11,008.0	1.40	282.27	10,998.8	165.1	-77.7	165.1	0.53	0.43	-15.00
11,103.0	1.30	278.77	11,093.8	165.5	-79.9	165.5	0.14	-0.11	-3.68
11,197.0	1.90	272.57	11,187.7	165.7	-82.5	165.7	0.66	0.64	-6.60
11,291.0	1.80	271.77	11,281.7	165.8	-85.5	165.8	0.11	-0.11	-0.85
11,386.0	1.90	266.37	11,376.6	165.8	-88.6	165.8	0.21	0.11	-5.68
11,481.0	1.40	262.17	11,471.6	165.5	-91.3	165.5	0.54	-0.53	-4.42
11,576.0	1.00	258.17	11,566.6	165.2	-93.3	165.2	0.43	-0.42	-4.21
11,679.0	1.00	278.17	11,669.6	165.1	-95.0	165.1	0.34	0.00	19.42
11,774.0	0.80	330.57	11,764.5	165.8	-96.2	165.8	0.86	-0.21	55.16
11,868.0	0.70	3.47	11,858.5	167.0	-96.5	167.0	0.46	-0.11	35.00
11,900.0	1.00	1.57	11,890.5	167.4	-96.4	167.4	0.94	0.94	-5.94
11,955.0	0.70	232.37	11,945.5	167.7	-96.7	167.7	2.80	-0.55	-234.91
11,986.0	5.10	162.77	11,976.5	166.3	-96.4	166.3	15.81	14.19	-224.52
12,018.0	9.80	156.47	12,008.2	162.4	-94.9	162.4	14.89	14.69	-19.69
12,049.0	15.20	155.87	12,038.5	156.3	-92.2	156.3	17.42	17.42	-1.94
12,081.0	21.10	152.97	12,068.9	147.3	-87.9	147.3	18.65	18.44	-9.06
12,112.0	27.00	154.97	12,097.2	136.0	-82.4	136.0	19.21	19.03	6.45
12,144.0	31.20	163.67	12,125.1	121.4	-77.0	121.4	18.60	13.13	27.19
12,183.0	38.90	170.47	12,157.0	99.6	-72.1	99.6	22.11	19.74	17.44
12,215.0	44.70	171.77	12,180.9	78.6	-68.8	78.6	18.33	18.13	4.06
12,246.0	49.60	172.97	12,202.0	56.0	-65.8	56.0	16.06	15.81	3.87
12,278.0	52.10	173.07	12,222.2	31.4	-62.8	31.4	7.82	7.81	0.31
12,309.0	55.90	175.47	12,240.4	6.5	-60.3	6.5	13.76	12.26	7.74
12,340.0	57.00	177.27	12,257.5	-19.3	-58.7	-19.3	6.00	3.55	5.81

Kaiser-Francis Oil Company

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Survey Report



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Site:	(Red Hills) Sec-31_T-25-S_R-33-E	MD Reference:	KB @ 3441.0usft
Well:	Red Hills #503H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	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)
12,372.0	57.30	177.87	12,274.9	-46.2	-57.5	-46.2	1.83	0.94	1.88
12,403.0	58.60	178.57	12,291.3	-72.4	-56.7	-72.4	4.61	4.19	2.26
12,435.0	59.60	177.87	12,307.8	-99.9	-55.8	-99.9	3.65	3.13	-2.19
12,481.0	61.10	177.17	12,330.5	-139.8	-54.1	-139.8	3.52	3.26	-1.52
12,529.0	62.30	176.97	12,353.3	-182.0	-52.0	-182.0	2.53	2.50	-0.42
12,576.0	62.50	176.97	12,375.0	-223.6	-49.8	-223.6	0.43	0.43	0.00
12,624.0	62.50	175.87	12,397.2	-266.1	-47.1	-266.1	2.03	0.00	-2.29
12,677.0	63.00	175.77	12,421.5	-313.1	-43.7	-313.1	0.96	0.94	-0.19
12,719.0	64.00	176.87	12,440.2	-350.6	-41.3	-350.6	3.34	2.38	2.62
12,766.0	68.20	178.87	12,459.3	-393.6	-39.7	-393.6	9.75	8.94	4.26
12,812.0	71.80	180.67	12,475.0	-436.8	-39.5	-436.8	8.65	7.83	3.91
12,859.0	73.40	180.57	12,489.0	-481.6	-40.0	-481.6	3.41	3.40	-0.21
12,907.0	77.50	179.87	12,501.1	-528.1	-40.2	-528.1	8.66	8.54	-1.46
12,998.0	80.70	180.47	12,518.3	-617.4	-40.4	-617.4	3.58	3.52	0.66
13,086.0	81.00	180.77	12,532.3	-704.3	-41.4	-704.3	0.48	0.34	0.34
13,187.0	82.90	181.47	12,546.4	-804.3	-43.3	-804.3	2.00	1.88	0.69
13,281.0	87.00	180.57	12,554.7	-897.9	-45.0	-897.9	4.46	4.36	-0.96
13,376.0	87.30	179.37	12,559.4	-992.7	-45.0	-992.7	1.30	0.32	-1.26
13,470.0	90.90	177.87	12,560.9	-1,086.7	-42.7	-1,086.7	4.15	3.83	-1.60
13,564.0	89.80	174.77	12,560.3	-1,180.5	-36.7	-1,180.5	3.50	-1.17	-3.30
13,659.0	93.40	176.97	12,557.7	-1,275.2	-29.8	-1,275.2	4.44	3.79	2.32
13,754.0	93.10	176.67	12,552.3	-1,369.9	-24.6	-1,369.9	0.45	-0.32	-0.32
13,848.0	93.70	176.87	12,546.7	-1,463.6	-19.3	-1,463.6	0.67	0.64	0.21
13,942.0	93.10	177.67	12,541.1	-1,557.3	-14.8	-1,557.3	1.06	-0.64	0.85
14,037.0	92.00	177.67	12,536.9	-1,652.1	-11.0	-1,652.1	1.16	-1.16	0.00
14,131.0	92.50	177.57	12,533.2	-1,746.0	-7.1	-1,746.0	0.54	0.53	-0.11
14,225.0	93.30	177.87	12,528.5	-1,839.8	-3.3	-1,839.8	0.91	0.85	0.32
14,319.0	92.60	176.97	12,523.6	-1,933.5	0.9	-1,933.5	1.21	-0.74	-0.96
14,414.0	93.30	179.87	12,518.7	-2,028.4	3.5	-2,028.4	3.14	0.74	3.05
14,508.0	91.60	180.87	12,514.7	-2,122.3	2.9	-2,122.3	2.10	-1.81	1.06
14,602.0	88.40	178.97	12,514.7	-2,216.3	3.0	-2,216.3	3.96	-3.40	-2.02
14,697.0	88.10	178.77	12,517.6	-2,311.2	4.9	-2,311.2	0.38	-0.32	-0.21
14,792.0	89.60	178.47	12,519.5	-2,406.2	7.2	-2,406.2	1.61	1.58	-0.32
14,887.0	90.50	178.47	12,519.5	-2,501.1	9.7	-2,501.1	0.95	0.95	0.00
14,981.0	88.90	177.67	12,519.9	-2,595.1	12.9	-2,595.1	1.90	-1.70	-0.85
15,075.0	90.30	179.47	12,520.6	-2,689.0	15.2	-2,689.0	2.43	1.49	1.91
15,170.0	90.60	178.87	12,519.9	-2,784.0	16.6	-2,784.0	0.71	0.32	-0.63
15,264.0	92.20	180.17	12,517.6	-2,878.0	17.4	-2,878.0	2.19	1.70	1.38
15,359.0	95.00	179.07	12,511.6	-2,972.8	18.0	-2,972.8	3.17	2.95	-1.16
15,454.0	97.30	178.67	12,501.4	-3,067.2	19.9	-3,067.2	2.46	2.42	-0.42
15,548.0	99.00	179.47	12,488.1	-3,160.2	21.4	-3,160.2	2.00	1.81	0.85
15,718.0	96.70	179.67	12,464.9	-3,328.6	22.7	-3,328.6	1.36	-1.35	0.12
15,781.0	92.90	179.57	12,459.6	-3,391.4	23.1	-3,391.4	6.03	-6.03	-0.16
15,875.0	89.60	178.87	12,457.6	-3,485.3	24.4	-3,485.3	3.59	-3.51	-0.74

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Survey Report



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Site:	(Red Hills) Sec-31_T-25-S_R-33-E	MD Reference:	KB @ 3441.0usft
Well:	Red Hills #503H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	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)
15,969.0	89.10	179.27	12,458.6	-3,579.3	25.9	-3,579.3	0.68	-0.53	0.43
16,064.0	88.00	179.57	12,461.0	-3,674.3	26.8	-3,674.3	1.20	-1.16	0.32
16,158.0	88.90	180.57	12,463.6	-3,768.3	26.7	-3,768.3	1.43	0.96	1.06
16,253.0	88.00	180.77	12,466.1	-3,863.2	25.6	-3,863.2	0.97	-0.95	0.21
16,347.0	87.10	180.57	12,470.2	-3,957.1	24.5	-3,957.1	0.98	-0.96	-0.21
16,442.0	87.60	182.07	12,474.5	-4,052.0	22.3	-4,052.0	1.66	0.53	1.58
16,536.0	88.10	183.37	12,478.1	-4,145.8	17.9	-4,145.8	1.48	0.53	1.38
16,631.0	87.90	185.07	12,481.4	-4,240.5	10.9	-4,240.5	1.80	-0.21	1.79
16,725.0	90.30	186.27	12,482.9	-4,334.0	1.6	-4,334.0	2.85	2.55	1.28
16,820.0	88.80	183.97	12,483.6	-4,428.6	-6.9	-4,428.6	2.89	-1.58	-2.42
16,914.0	87.20	181.37	12,486.9	-4,522.5	-11.3	-4,522.5	3.25	-1.70	-2.77
17,009.0	88.40	181.27	12,490.5	-4,617.4	-13.5	-4,617.4	1.27	1.26	-0.11
17,103.0	88.20	180.57	12,493.3	-4,711.3	-15.0	-4,711.3	0.77	-0.21	-0.74
17,198.0	89.20	182.57	12,495.5	-4,806.2	-17.6	-4,806.2	2.35	1.05	2.11
17,292.0	88.90	182.17	12,497.0	-4,900.1	-21.5	-4,900.1	0.53	-0.32	-0.43
17,387.0	88.50	181.77	12,499.2	-4,995.1	-24.7	-4,995.1	0.60	-0.42	-0.42
17,482.0	93.40	182.37	12,497.6	-5,090.0	-28.2	-5,090.0	5.20	5.16	0.63
17,577.0	94.30	182.77	12,491.2	-5,184.6	-32.4	-5,184.6	1.04	0.95	0.42
17,672.0	94.50	181.77	12,484.0	-5,279.3	-36.2	-5,279.3	1.07	0.21	-1.05
17,728.0	94.20	181.27	12,479.7	-5,335.1	-37.6	-5,335.1	1.04	-0.54	-0.89
17,823.0	92.70	181.67	12,474.0	-5,429.9	-40.1	-5,429.9	1.63	-1.58	0.42
17,918.0	91.90	182.07	12,470.2	-5,524.8	-43.2	-5,524.8	0.94	-0.84	0.42
18,012.0	90.20	181.87	12,468.5	-5,618.7	-46.4	-5,618.7	1.82	-1.81	-0.21
18,106.0	88.20	180.17	12,469.8	-5,712.7	-48.1	-5,712.7	2.79	-2.13	-1.81
18,201.0	89.40	179.57	12,471.8	-5,807.6	-47.9	-5,807.6	1.41	1.26	-0.63
18,295.0	87.60	179.27	12,474.2	-5,901.6	-46.9	-5,901.6	1.94	-1.91	-0.32
18,390.0	89.10	178.87	12,477.0	-5,996.5	-45.4	-5,996.5	1.63	1.58	-0.42
18,484.0	88.50	177.67	12,478.9	-6,090.5	-42.5	-6,090.5	1.43	-0.64	-1.28
18,579.0	89.40	178.27	12,480.7	-6,185.4	-39.2	-6,185.4	1.14	0.95	0.63
18,673.0	89.60	177.07	12,481.5	-6,279.3	-35.4	-6,279.3	1.29	0.21	-1.28
18,768.0	91.10	177.17	12,480.9	-6,374.2	-30.6	-6,374.2	1.58	1.58	0.11
18,862.0	89.40	177.97	12,480.5	-6,468.1	-26.6	-6,468.1	2.00	-1.81	0.85
18,957.0	89.10	178.07	12,481.7	-6,563.0	-23.3	-6,563.0	0.33	-0.32	0.11
19,051.0	87.60	176.97	12,484.4	-6,656.9	-19.3	-6,656.9	1.98	-1.60	-1.17
19,145.0	89.20	175.97	12,487.1	-6,750.7	-13.5	-6,750.7	2.01	1.70	-1.06
19,240.0	91.70	176.07	12,486.3	-6,845.5	-6.9	-6,845.5	2.63	2.63	0.11
19,334.0	89.20	175.57	12,485.6	-6,939.2	0.0	-6,939.2	2.71	-2.66	-0.53
19,429.0	88.30	174.37	12,487.7	-7,033.8	8.3	-7,033.8	1.58	-0.95	-1.26
19,523.0	89.10	173.47	12,489.8	-7,127.2	18.2	-7,127.2	1.28	0.85	-0.96
19,617.0	90.90	173.57	12,489.8	-7,220.6	28.8	-7,220.6	1.92	1.91	0.11
19,712.0	88.90	174.67	12,490.0	-7,315.1	38.6	-7,315.1	2.40	-2.11	1.16
19,807.0	86.00	175.27	12,494.2	-7,409.7	46.9	-7,409.7	3.12	-3.05	0.63
LAST SVY									

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Well:	Red Hills #503H	North Reference:	Grid
Wellbore:	OWB	Survey Calculation Method:	Minimum Curvature
Design:	AWB	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)
19,918.0	86.00	175.27	12,501.9	-7,520.0	56.0	-7,520.0	0.00	0.00	0.00
Projection to TD @ 154.5'FSL & 805.7'FEL									

Design Targets									
Target Name	- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	
T1 (Red Hills #503H)	- actual wellpath misses target center by 41176.6usft at 962.0usft MD (961.5 TVD, -15.5 N, -21.2 E)	0.00	0.07	0.0	-57.6	-41,186.5	395,851.61	722,930.39	32° 5' 12.907 N 103° 44' 49.121 W
	- Ellipse (radii L12.5 W7.5 on 0.07 azi)								
T2 (Red Hills #503H)	- actual wellpath misses target center by 41220.4usft at 7062.8usft MD (7053.9 TVD, 177.7 N, -56.6 E)	2.71	155.46	6,595.1	134.3	-41,274.4	396,043.51	722,842.49	32° 5' 14.811 N 103° 44' 50.130 W
	- Ellipse (radii L20.0 W17.5 on 0.07 azi)								
KOP Box (Red Hills #)	- actual wellpath misses target center by 41179.8usft at 11955.0usft MD (11945.5 TVD, 167.7 N, -96.7 E)	0.00	0.07	11,957.1	138.9	-41,276.5	396,048.11	722,840.39	32° 5' 14.857 N 103° 44' 50.154 W
	- Ellipse (radii L40.0 W50.0 on 0.07 azi)								
PBHL (Red Hills #503)	- actual wellpath misses target center by 41133.5usft at 18569.0usft MD (12480.6 TVD, -6175.4 N, -39.5 E)	0.00	179.51	12,458.0	-7,632.2	-41,147.1	388,277.02	722,969.76	32° 3' 57.949 N 103° 44' 49.141 W
	- Rectangle (sides W60.0 H7,818.0 D0.0)								

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
19,807.0	12,494.2	-7,409.7	46.9	LAST SVY	
19,918.0	12,501.9	-7,520.0	56.0	Projection to TD @ 154.5'FSL & 805.7'FEL	

Checked By: _____ Approved By: _____ Date: _____

Well Name: RED HILLS	Well Location: T25S / R33E / SEC 31 / NWSW / 32.0863918 / -103.6144474	County or Parish/State: LEA / NM
Well Number: 002H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545899	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 04/23/2021	Time Sundry Submitted: 01:19
Date Operation Actually Began: 12/04/2020	

Actual Procedure: Completion began 12/4/20 Completion finished 12/18/20 1.MIRU WL. 2.TCP Stage 1: 19,733-19,855. Broke down perms. 3.Stage frac lateral 12,719-19,855 in 43 stages w/474,974 bbls fluid + 21,137,006# sand. 4.Drilled out plugs w/roller cone bit. Flowback well.

SR Attachments

Actual Procedure

Red_Hills_503H_WBD_20210423131822.pdf

Well Name: RED HILLS	Well Location: T25S / R33E / SEC 31 / NWSW / 32.0863918 / -103.6144474	County or Parish/State: LEA / NM
Well Number: 002H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM015321, NMNM15321	Unit or CA Name:	Unit or CA Number:
US Well Number: 3002545899	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

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 23, 2021 01:18 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:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 05/07/2021
Signature: Jonathon Shepard	

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: 503H		
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	1835	West	Lea
BH:	N	6	26S	33E		156	South	1817	West	Lea
13. Date Spudded 8/29/19	14. Date T.D. Reached 9/25/2019		15. Date Rig Released 9/27/2019		16. Date Completed (Ready to Produce) 12/19/2020			17. Elevations (DF and RKB, RT, GR, etc.) 3418 GR		
18. Total Measured Depth of Well 19,918MD 12,494TVD			19. Plug Back Measured Depth 19,865MD 12,494TVD		20. Was Directional Survey Made? Yes			21. Type Electric and Other Logs Run GR		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,719-19,855								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		917		14-3/4		540 SX		- 0 -
7-5/8		29.7		11,629		9-7/8		1,040 SX		- 0 -
5-1/2		20		19,891		6-3/4		1,550 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) 12,719-19,855 Size 0.42 # 1935						27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12,719- 262,947 bbls fluid + 19,855 21,137,006# sand				
28. PRODUCTION										
Date First Production 3/18/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing				Well Status (Prod. or Shut-in) Prod				
Date of Test 4/11/2021	Hours Tested 24	Choke Size 20/64	Prod'n For Test Period	Oil - Bbl 789	Gas - MCF 1727	Water - Bbl. 1798	Gas - Oil Ratio 2188			
Flow Tubing Press.	Casing Pressure 3800	Calculated 24-Hour Rate	Oil - Bbl. 789	Gas - MCF 1727	Water - Bbl. 1798	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 Printed Signature Name Eric Hansen Title Petroleum Engineer Date 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	T. Morrison	
T. Drinkard	T. Bone Springs	T. Todilto	
T. Abo	T.	T. Entrada	
T. Wolfcamp	T.	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from 12,719 to 19,855 No. 3, from to
 No. 2, 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
MD							
860			Rustler				
9072			Avalon				
10065			1st Bone Spring Sand				
10554			2nd Bone Spring Lime				
10599			2nd Bone Spring Sand				
11045			3rd Bone Spring Lime				
11720			3rd Bone Spring Sand				
12200			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 131545

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131545
	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

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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 131545

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 131545
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

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