

State of New Mexico
Energy, Minerals & Natural ResourcesForm E-104
Revised August 1, 20111625 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 87505Oil 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 30-015-47432	⁵ Pool Name Purple Sage; Wolfcamp, Gas	⁶ Pool Code 98220
⁷ Property Code 321475	⁸ Property Name Loving Townsite 2021WA	⁹ Well Number 1H

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
0	20	23S	28E	-	1199	South	2455	East	Eddy

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
K	21	23S	28E	-	2083	South	2443	West	Eddy

¹² Lse Code	¹³ Producing Method Code	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date
P	F	3/8/2021	-	-	-

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Co., LP, 19100 Ridgewood Parkway San Antonio, TX 78259	0
327139	Sendero Carlsbad Mistream LLC, 1000 Louisiana Ave., Ste. 6900, Houston, TX 77002	G

IV. Well Completion Data

9578 (TVD) 9578 (TVD)

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
11/17/2020	3/8/2021	14410 (MD)	14237 (MD)	9656 - 14202	-
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	438	550		
12 1/4	10 3/4	2434	380		
9 7/8	7 5/8	8846	890		
6 3/4	5 1/2	14381	1145		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
3/9/2021	3/8/2021	3/18/2021	24 hrs	—	1690
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas		⁴¹ Test Method
30	839	3203	1825		Flowing

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:

Printed name:

Charlotte Van Valkenburg

Title:

Mgr., Regulatory Compliance

E-mail Address:

Charlotv@kfoc.net

Date:

3/31/2021

Phone:

918-491-4314

OIL CONSERVATION DIVISION

Approved by:

KURT SIMMONS

Title:

NMOCD, SANTA FE

Approval Date:

07/06/2021

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 30-015-47432	² Pool Code 98220	³ Pool Name Purple Sage; Wolfcamp, Gas
⁴ Property Code 321475	⁵ Property Name LOVING TOWNSITE 2021 WA	⁶ Well Number 1H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	⁹ Elevation 3069.9

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
O	20	23 S	28 E		1199	SOUTH	2455	EAST	EDDY

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
K	21	23 S	28 E		2083	SOUTH	2443	WEST	EDDY

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

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.

AS-DRILLED KOP 2032' FSL, 2548' FWL LAT. = 32.2888989°N LONG. = 104.1098805°W NMSP EAST (FT) N = 468906.07 E = 610387.20 NW CORNER SEC. 20 LAT. = 32.2980196°N LONG. = 104.1181254°W NMSP EAST (FT) N = 472218.82 E = 607832.76 NE CORNER SEC. 20 LAT. = 32.2979381°N LONG. = 104.1010377°W NMSP EAST (FT) N = 472200.20 E = 613112.64		NE CORNER SEC. 21 LAT. = 32.2980178°N LONG. = 104.0838774°W NMSP EAST (FT) N = 472241.10 E = 618414.82	
89°49'41"E 2641.23 FT S89°46'04"E 2639.89 FT N89°33'29"E 2651.77 FT N89°33'29"E 2651.77 FT		2659.93 FT S00°19'33"E 2659.93 FT S00°08'38"E 2662.44 FT	
N/4 CORNER SEC. 20 LAT. = 32.2979830°N LONG. = 104.1095794°W NMSP EAST (FT) N = 472210.90 E = 610473.38		NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88.	
LOVING TOWNSITE 2021 WA 1H ELEV. = 3069.9' LAT. = 32.2866093°N (NAD83) LONG. = 104.1089336°W NMSP EAST (FT) N = 468073.75 E = 610681.57		LTP BHL BOTTOM OF HOLE LAT. = 32.2890744°N LONG. = 104.0930964°W NMSP EAST (FT) N = 468981.11 E = 615573.58	
S/4 CORNER SEC. 20 LAT. = 32.2833140°N LONG. = 104.1095960°W NMSP EAST (FT) N = 468874.52 E = 610479.36		2455' 2083' 2443'	
SW CORNER SEC. 20 LAT. = 32.2833097°N LONG. = 104.1181240°W NMSP EAST (FT) N = 468867.58 E = 607843.56		SE CORNER SEC. 20 LAT. = 32.2833180°N LONG. = 104.1009771°W NMSP EAST (FT) N = 468881.64 E = 613142.88	
AS-DRILLED FIRST TAKE POINT 2066' FSL, 2293' FWL LAT. = 32.2889912°N LONG. = 104.1084198°W NMSP EAST (FT) N = 468940.58 E = 610838.53		AS-DRILLED LAST TAKE POINT 2081' FSL, 2120' FWL LAT. = 32.2890639°N LONG. = 104.0941411°W NMSP EAST (FT) N = 468976.57 E = 615250.75	
SE CORNER SEC. 21 LAT. = 32.2833838°N LONG. = 104.0838741°W NMSP EAST (FT) N = 468917.44 E = 618428.20		DATE OF SURVEY: OCTOBER 15, 2020	

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 entered by the division.

Signature: *Charlotte Van Valkenburg* Date: 3/25/2021

Printed Name: Charlotte Van Valkenburg

E-mail Address: Charlotv@kfoc.net

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.

DATE OF SURVEY: OCTOBER 15, 2020

Signature and Seal of Professional Surveyor:

Certificate Number: 12797
PROFESSIONAL SURVEYOR NO. 6249B

Intent ☐ As Drilled ☒

API # 30-015-47432		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: LOVING TOWNSITE 2021 WA	Well Number 1H

Kick Off Point (KOP)

UL K	Section 20	Township 23S	Range 28E	Lot	Feet 2032	From N/S SOUTH	Feet 2548	From E/W WEST	County EDDY
Latitude 32.2888989					Longitude 104.1098805			NAD 83	

First Take Point (FTP)

UL J	Section 20	Township 23S	Range 28E	Lot	Feet 2066	From N/S SOUTH	Feet 2293	From E/W EAST	County EDDY
Latitude 32.2889912					Longitude 104.1084198			NAD 83	

Last Take Point (LTP)

UL K	Section 21	Township 23S	Range 28E	Lot	Feet 2081	From N/S SOUTH	Feet 2120	From E/W WEST	County EDDY
Latitude 32.2890639					Longitude 104.0941411			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 # 30-015-45006		
Operator Name: Kaiser-Francis Oil Company	Property Name: Loving Townsite 2021 WC	Well Number 2H

KZ 06/29/2018



KAISER FRANCIS OIL CO.

EDDY COUNTY, N.M. 83

SEC 20-T23S-28E

**LOVING TOWNSITE 2021 WA 1H
HORIZONTAL**

Design: HORIZONTAL

EOW SURVEY REPORT

02 December, 2020

Kaiser-Francis Oil Company



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company:	KAISER FRANCIS OIL CO.	Local Co-ordinate Reference:	Well LOVING TOWNSITE 2021 WA 1H
Project:	EDDY COUNTY, N.M. 83	TVD Reference:	GE+24 @ 3093.70usft (CAC 169)
Site:	SEC 20-T23S-28E	MD Reference:	GE+24 @ 3093.70usft (CAC 169)
Well:	LOVING TOWNSITE 2021 WA 1H	North Reference:	Grid
Wellbore:	HORIZONTAL	Survey Calculation Method:	Minimum Curvature
Design:	HORIZONTAL	Database:	EDM 5000.15 Single User Db

Project	EDDY COUNTY, N.M. 83	System Datum:	Mean Sea Level
Map System:	US State Plane 1983		
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		

Site	SEC 20-T23S-28E	Northing:	468,073.75 usft	Latitude:	32.28661
Site Position:		Easting:	610,681.57 usft	Longitude:	-104.10893
Position Uncertainty:	Map 0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.12 °

Well	LOVING TOWNSITE 2021 WA 1H	Northing:	468,073.75 usft	Latitude:	32.28661
Well Position	+N/-S 0.00 usft	Easting:	610,681.57 usft	Longitude:	-104.10893
Position Uncertainty	+E/-W 0.00 usft	Wellhead Elevation:	3,069.70 usft	Ground Level:	3,069.70 usft

Wellbore	HORIZONTAL	Model Name	IGR-2020	Sample Date	10/23/20	Declination (°)	6.87	Dip Angle (°)	59.90	Field Strength (nT)	47,544.41519721
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Design		HORIZONTAL					
Audit Notes:							
Version:	1.0	Phase:	ACTUAL	Tie On Depth:		0.00	
Vertical Section:		Depth From (TVD) (usft)		+N/-S (usft)	+E/-W (usft)	Direction (°)	
		0.00		0.00	0.00	90.00	

Survey Program		Date	12/02/20		
From (usft)	To (usft)	Survey (Wellbore)		Tool Name	Description
147.00	14,410.00	Survey #1 (HORIZONTAL)		MWD	OWSG MWD - Standard



SB Directional Services

EW SURVEY REPORT

Kaiser-Francis Oil Company

Company:

KAISER FRANCIS OIL CO.

Project:

EDDY COUNTY, N.M. 83

Site:

SEC 20-T23S-28E

Well:

LOVING TOWNSITE 2021 WA 1H

Wellbore:

HORIZONTAL

Design:

HORIZONTAL

Local Co-ordinate Reference:

TVD Reference:

MD Reference:

North Reference:

Survey Calculation Method:

Database:

Well LOVING TOWNSITE 2021 WA 1H

GE+24 @ 3093.70usft (CAC 169)

GE+24 @ 3093.70usft (CAC 169)

Grid

Minimum Curvature

EDM 5000.15 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
0.00	0.00	0.00	0.00	0.00	0.00	468,073.75	610,681.57	0.00	32.28661	-104.10893
147.00	0.40	305.75	147.00	0.30	-0.42	468,074.05	610,681.15	-0.42	32.28661	-104.10893
239.00	0.57	302.20	239.00	0.73	-1.06	468,074.48	610,680.51	-1.06	32.28661	-104.10894
370.00	1.45	289.32	369.97	1.63	-3.18	468,075.38	610,678.39	-3.18	32.28661	-104.10894
530.00	1.54	314.46	529.92	3.80	-6.62	468,077.55	610,674.95	-6.62	32.28662	-104.10895
625.00	1.63	322.28	624.88	5.77	-8.36	468,079.52	610,673.21	-8.36	32.28663	-104.10896
720.00	1.76	326.14	719.84	8.05	-10.00	468,081.80	610,671.57	-10.00	32.28663	-104.10897
815.00	1.85	331.07	814.80	10.60	-11.56	468,084.35	610,670.01	-11.56	32.28664	-104.10897
910.00	1.85	326.76	909.75	13.22	-13.14	468,086.97	610,668.43	-13.14	32.28665	-104.10898
1,005.00	1.76	321.57	1,004.70	15.65	-14.89	468,089.40	610,666.68	-14.89	32.28665	-104.10898
1,100.00	1.67	322.37	1,099.66	17.89	-16.64	468,091.64	610,664.93	-16.64	32.28666	-104.10899
1,195.00	1.63	317.53	1,194.62	19.98	-18.40	468,093.73	610,663.17	-18.40	32.28666	-104.10899
1,385.00	1.58	311.12	1,384.54	23.70	-22.19	468,097.45	610,659.38	-22.19	32.28667	-104.10901
1,479.00	1.54	314.46	1,478.51	25.43	-24.07	468,099.18	610,657.50	-24.07	32.28668	-104.10901
1,574.00	1.58	315.25	1,573.47	27.26	-25.90	468,101.01	610,655.67	-25.90	32.28668	-104.10902
1,669.00	2.59	339.77	1,668.41	30.20	-27.57	468,103.95	610,654.00	-27.57	32.28669	-104.10902
1,764.00	3.21	345.39	1,763.29	34.79	-28.98	468,108.54	610,652.59	-28.98	32.28671	-104.10903
1,812.00	4.40	353.57	1,811.18	37.92	-29.53	468,111.67	610,652.04	-29.53	32.28671	-104.10903
1,907.00	6.46	349.52	1,905.75	46.80	-30.91	468,120.55	610,650.66	-30.91	32.28674	-104.10903
2,002.00	7.38	349.26	2,000.06	58.05	-33.02	468,131.80	610,648.55	-33.02	32.28677	-104.10904
2,097.00	8.53	350.84	2,094.14	71.00	-35.28	468,144.75	610,646.29	-35.28	32.28680	-104.10905
2,192.00	9.10	349.17	2,188.02	85.33	-37.81	468,159.08	610,643.76	-37.81	32.28684	-104.10906
2,287.00	10.73	351.37	2,281.60	101.46	-40.55	468,175.21	610,641.02	-40.55	32.28689	-104.10906
2,382.00	12.00	347.59	2,374.74	119.85	-44.00	468,193.60	610,637.57	-44.00	32.28694	-104.10908
2,473.00	11.38	347.68	2,463.85	137.86	-47.95	468,211.61	610,633.62	-47.95	32.28699	-104.10909
2,568.00	10.95	346.01	2,557.05	155.77	-52.13	468,229.52	610,629.44	-52.13	32.28704	-104.10910
2,663.00	11.25	345.48	2,650.27	173.49	-56.63	468,247.24	610,624.94	-56.63	32.28709	-104.10912



SB Directional Services

EW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
 Project: EDDY COUNTY, N.M. 83
 Site: SEC 20-T23S-28E
 Well: LOVING TOWNSITE 2021 WA 1H
 Wellbore: HORIZONTAL
 Design: HORIZONTAL

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well LOVING TOWNSITE 2021 WA 1H
 GE+24 @ 3093.70usft (CAC 169)
 GE+24 @ 3093.70usft (CAC 169)
 Grid
 Minimum Curvature
 EDM 5000.15 Single User Db

Survey	MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
	2,758.00	11.69	344.34	2,743.38	191.73	-61.55	468,265.48	610,620.02	-61.55	32.28714	-104.10913
	2,853.00	11.82	342.76	2,836.38	210.29	-67.03	468,284.04	610,614.54	-67.03	32.28719	-104.10915
	2,948.00	12.04	341.09	2,929.33	228.96	-73.13	468,302.71	610,608.44	-73.13	32.28724	-104.10917
	3,043.00	11.69	339.24	3,022.30	247.33	-79.75	468,321.08	610,601.82	-79.75	32.28729	-104.10919
	3,138.00	11.30	338.36	3,115.40	264.98	-86.60	468,338.73	610,594.97	-86.60	32.28734	-104.10921
	3,233.00	11.21	337.39	3,208.57	282.16	-93.58	468,355.91	610,587.99	-93.58	32.28739	-104.10923
	3,328.00	10.07	333.09	3,301.94	298.09	-100.89	468,371.84	610,580.68	-100.89	32.28743	-104.10926
	3,423.00	9.41	330.54	3,395.57	312.26	-108.47	468,386.01	610,573.10	-108.47	32.28747	-104.10928
	3,517.00	9.49	329.40	3,488.29	325.62	-116.19	468,399.37	610,565.38	-116.19	32.28751	-104.10931
	3,612.00	10.90	334.41	3,581.79	340.46	-124.06	468,414.21	610,557.51	-124.06	32.28755	-104.10933
	3,707.00	11.43	332.47	3,674.99	356.91	-132.29	468,430.66	610,549.28	-132.29	32.28759	-104.10936
	3,802.00	13.01	335.72	3,767.84	375.01	-141.04	468,448.76	610,540.53	-141.04	32.28764	-104.10939
	3,897.00	12.53	339.24	3,860.49	394.39	-149.09	468,468.14	610,532.48	-149.09	32.28769	-104.10941
	3,992.00	11.74	339.33	3,953.37	413.07	-156.15	468,486.82	610,525.42	-156.15	32.28775	-104.10944
	4,087.00	12.40	346.27	4,046.27	432.02	-161.98	468,505.77	610,519.59	-161.98	32.28780	-104.10945
	4,182.00	12.57	345.04	4,139.02	451.92	-167.07	468,525.67	610,514.50	-167.07	32.28785	-104.10947
	4,277.00	12.88	344.69	4,231.69	472.12	-172.54	468,545.87	610,509.03	-172.54	32.28791	-104.10949
	4,372.00	12.92	343.11	4,324.29	492.49	-178.42	468,566.24	610,503.15	-178.42	32.28796	-104.10951
	4,466.00	12.97	341.61	4,415.90	512.56	-184.80	468,586.31	610,496.77	-184.80	32.28802	-104.10953
	4,561.00	12.13	340.65	4,508.63	532.09	-191.47	468,605.84	610,490.10	-191.47	32.28807	-104.10955
	4,656.00	11.12	336.43	4,601.69	549.91	-198.44	468,623.66	610,483.13	-198.44	32.28812	-104.10957
	4,751.00	10.46	341.09	4,695.01	566.46	-204.90	468,640.21	610,476.67	-204.90	32.28817	-104.10959
	4,846.00	10.77	351.11	4,788.39	583.39	-209.07	468,657.14	610,472.50	-209.07	32.28821	-104.10961
	4,941.00	9.80	347.85	4,881.86	600.06	-212.14	468,673.81	610,469.43	-212.14	32.28826	-104.10962
	5,036.00	9.27	347.77	4,975.55	615.45	-215.46	468,689.20	610,466.11	-215.46	32.28830	-104.10963
	5,131.00	8.92	345.57	5,069.36	630.06	-218.92	468,703.81	610,462.65	-218.92	32.28834	-104.10964
	5,225.00	8.09	342.84	5,162.32	643.44	-222.69	468,717.19	610,458.88	-222.69	32.28838	-104.10965



SB Directional Services

EW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO. Project: EDDY COUNTY, N.M. 83 Site: SEC 20-T23S-28E Well: LOVING TOWNSITE 2021 WA 1H Wellbore: HORIZONTAL Design: HORIZONTAL				Local Co-ordinate Reference: TVD Reference: GE+24 @ 3093.70usft (CAC 169) MD Reference: GE+24 @ 3093.70usft (CAC 169) North Reference: Grid Survey Calculation Method: Minimum Curvature Database: EDM 5000.15 Single User Db						
Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
5,321.00	7.78	340.47	5,257.40	656.01	-226.85	468,729.76	610,454.72	-226.85	32.28841	-104.10966
5,416.00	7.91	346.71	5,351.51	668.44	-230.50	468,742.19	610,451.07	-230.50	32.28845	-104.10967
5,511.00	7.12	352.78	5,445.70	680.64	-232.75	468,754.39	610,448.82	-232.75	32.28848	-104.10968
5,606.00	8.53	354.01	5,539.81	693.49	-234.22	468,767.24	610,447.35	-234.22	32.28852	-104.10969
5,701.00	8.04	353.48	5,633.82	707.09	-235.71	468,780.84	610,445.86	-235.71	32.28855	-104.10969
5,796.00	7.21	350.75	5,727.98	719.58	-237.42	468,793.33	610,444.15	-237.42	32.28859	-104.10970
5,891.00	6.81	347.24	5,822.27	730.96	-239.63	468,804.71	610,441.94	-239.63	32.28862	-104.10970
5,986.00	5.89	345.39	5,916.69	741.17	-242.10	468,814.92	610,439.47	-242.10	32.28865	-104.10971
6,081.00	6.11	351.37	6,011.17	750.88	-244.09	468,824.63	610,437.48	-244.09	32.28867	-104.10972
6,175.00	6.24	346.62	6,104.62	760.80	-246.02	468,834.55	610,435.55	-246.02	32.28870	-104.10972
6,270.00	4.84	348.38	6,199.18	769.75	-248.02	468,843.50	610,433.55	-248.02	32.28873	-104.10973
6,365.00	3.78	346.01	6,293.91	776.71	-249.59	468,850.46	610,431.98	-249.59	32.28875	-104.10974
6,460.00	3.96	346.80	6,388.69	782.94	-251.09	468,856.69	610,430.48	-251.09	32.28876	-104.10974
6,555.00	3.03	358.66	6,483.51	788.65	-251.90	468,862.40	610,429.67	-251.90	32.28878	-104.10974
6,650.00	3.47	355.76	6,578.36	794.03	-252.17	468,867.78	610,429.40	-252.17	32.28879	-104.10974
6,745.00	2.68	4.20	6,673.22	799.11	-252.22	468,872.86	610,429.35	-252.22	32.28881	-104.10974
6,840.00	2.55	5.26	6,768.12	803.43	-251.87	468,877.18	610,429.70	-251.87	32.28882	-104.10974
6,935.00	2.15	2.44	6,863.04	807.31	-251.60	468,881.06	610,429.97	-251.60	32.28883	-104.10974
7,030.00	1.98	349.79	6,957.98	810.71	-251.81	468,884.46	610,429.76	-251.81	32.28884	-104.10974
7,125.00	1.05	343.55	7,052.95	813.16	-252.35	468,886.91	610,429.22	-252.35	32.28885	-104.10974
7,220.00	0.88	345.74	7,147.94	814.70	-252.77	468,888.45	610,428.80	-252.77	32.28885	-104.10975
7,315.00	0.75	308.39	7,242.93	815.79	-253.44	468,889.54	610,428.13	-253.44	32.28885	-104.10975
7,410.00	1.14	287.47	7,337.91	816.46	-254.83	468,890.21	610,426.74	-254.83	32.28886	-104.10975
7,505.00	1.63	298.28	7,432.89	817.39	-256.92	468,891.14	610,424.65	-256.92	32.28886	-104.10976
7,600.00	0.84	308.39	7,527.86	818.46	-258.66	468,892.21	610,422.91	-258.66	32.28886	-104.10977
7,695.00	0.62	297.93	7,622.86	819.13	-259.66	468,892.88	610,421.91	-259.66	32.28886	-104.10977
7,790.00	1.36	296.35	7,717.84	819.87	-261.12	468,893.62	610,420.45	-261.12	32.28886	-104.10977

COMPASS 5000.15 Build 91

Page 5

12/02/20 11:06:03AM



SB Directional Services

EW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
 Project: EDDY COUNTY, N.M. 83
 Site: SEC 20-T23S-28E
 Well: LOVING TOWNSITE 2021 WA 1H
 Wellbore: HORIZONTAL
 Design: HORIZONTAL

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well LOVING TOWNSITE 2021 WA 1H
 GE+24 @ 3093.70usft (CAC 169)
 GE+24 @ 3093.70usft (CAC 169)
 Grid
 Minimum Curvature
 EDM 5000.15 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
7,885.00	1.23	276.22	7,812.82	820.48	-263.15	468,894.23	610,418.42	-263.15	32.28887	-104.10978
7,979.00	1.27	283.34	7,906.79	820.83	-265.16	468,894.58	610,416.41	-265.16	32.28887	-104.10979
8,074.00	1.45	279.39	8,001.77	821.27	-267.37	468,895.02	610,414.20	-267.37	32.28887	-104.10979
8,169.00	1.23	277.37	8,096.74	821.60	-269.57	468,895.35	610,412.00	-269.57	32.28887	-104.10980
8,264.00	1.63	283.08	8,191.71	822.04	-271.90	468,895.79	610,409.67	-271.90	32.28887	-104.10981
8,359.00	1.41	295.47	8,286.68	822.84	-274.27	468,896.59	610,407.30	-274.27	32.28887	-104.10982
8,454.00	2.42	283.43	8,381.62	823.81	-277.27	468,897.56	610,404.30	-277.27	32.28888	-104.10983
8,549.00	2.99	288.35	8,476.52	825.06	-281.58	468,898.81	610,399.99	-281.58	32.28888	-104.10984
8,644.00	2.90	277.63	8,571.39	826.16	-286.31	468,899.91	610,395.26	-286.31	32.28888	-104.10985
8,739.00	3.91	282.11	8,666.23	827.16	-291.86	468,900.91	610,389.71	-291.86	32.28888	-104.10987
8,787.00	3.69	281.58	8,714.12	827.81	-294.97	468,901.56	610,386.60	-294.97	32.28889	-104.10988
8,876.00	3.96	279.47	8,802.92	828.89	-300.81	468,902.64	610,380.76	-300.81	32.28889	-104.10990
8,971.00	12.22	72.23	8,897.33	832.52	-294.43	468,906.27	610,387.14	-294.43	32.28890	-104.10988
9,066.00	23.12	83.73	8,987.74	837.64	-266.22	468,911.39	610,415.35	-266.22	32.28891	-104.10979
9,161.00	27.25	89.72	9,073.71	839.79	-225.91	468,913.54	610,455.66	-225.91	32.28892	-104.10966
9,256.00	34.07	87.87	9,155.38	840.89	-177.51	468,914.64	610,504.06	-177.51	32.28892	-104.10950
9,351.00	49.98	87.35	9,225.72	843.57	-114.17	468,917.32	610,567.40	-114.17	32.28893	-104.10930
9,361.00	51.60	87.61	9,232.05	843.91	-106.43	468,917.66	610,575.14	-106.43	32.28893	-104.10927
9,456.00	62.59	85.15	9,283.58	849.05	-26.97	468,922.80	610,654.60	-26.97	32.28894	-104.10902
9,551.00	68.13	84.01	9,323.17	857.22	58.95	468,930.97	610,740.52	58.95	32.28897	-104.10874
9,646.00	71.03	84.53	9,356.31	866.10	147.53	468,939.85	610,829.10	147.53	32.28899	-104.10845
9,741.00	73.41	84.27	9,385.32	874.93	237.55	468,948.68	610,919.12	237.55	32.28901	-104.10816
9,836.00	77.14	86.20	9,409.47	882.55	329.10	468,956.30	611,010.67	329.10	32.28903	-104.10786
9,931.00	81.71	88.14	9,426.90	887.15	422.34	468,960.90	611,103.91	422.34	32.28905	-104.10756
10,026.00	83.30	89.72	9,439.29	888.90	516.51	468,962.65	611,198.08	516.51	32.28905	-104.10726
10,121.00	83.16	89.63	9,450.49	889.44	610.84	468,963.19	611,292.41	610.84	32.28905	-104.10695
10,216.00	87.65	89.46	9,458.10	890.19	705.51	468,963.94	611,387.08	705.51	32.28905	-104.10664



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO.
 Project: EDDY COUNTY, N.M. 83
 Site: SEC 20-T23S-28E
 Well: LOVING TOWNSITE 2021 WA 1H
 Wellbore: HORIZONTAL
 Design: HORIZONTAL

Local Co-ordinate Reference:
 TVD Reference:
 MD Reference:
 North Reference:
 Survey Calculation Method:
 Database:

Well LOVING TOWNSITE 2021 WA 1H
 GE+24 @ 3093.70usft (CAC 169)
 GE+24 @ 3093.70usft (CAC 169)
 Grid
 Minimum Curvature
 EDM 5000.15 Single User Db

Survey

MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
10,311.00	88.26	89.89	9,461.49	890.73	800.45	468,964.48	611,482.02	800.45	32.28905	-104.10634
10,406.00	86.33	89.63	9,465.97	891.13	895.34	468,964.88	611,576.91	895.34	32.28905	-104.10603
10,501.00	89.14	90.86	9,469.73	890.72	990.25	468,964.47	611,671.82	990.25	32.28905	-104.10572
10,596.00	89.32	90.51	9,471.00	889.58	1,085.23	468,963.33	611,766.80	1,085.23	32.28905	-104.10542
10,691.00	87.74	89.72	9,473.44	889.39	1,180.20	468,963.14	611,861.77	1,180.20	32.28905	-104.10511
10,786.00	91.25	90.95	9,474.28	888.84	1,275.18	468,962.59	611,956.75	1,275.18	32.28905	-104.10480
10,880.00	91.60	90.95	9,471.94	887.28	1,369.13	468,961.03	612,050.70	1,369.13	32.28904	-104.10450
10,976.00	88.22	90.60	9,472.09	885.98	1,465.11	468,959.73	612,146.68	1,465.11	32.28904	-104.10419
11,071.00	91.78	91.39	9,472.09	884.33	1,560.08	468,958.08	612,241.65	1,560.08	32.28903	-104.10388
11,166.00	87.08	91.04	9,473.04	882.32	1,655.03	468,956.07	612,336.60	1,655.03	32.28903	-104.10357
11,260.00	83.16	88.93	9,481.03	882.34	1,748.66	468,956.09	612,430.23	1,748.66	32.28902	-104.10327
11,355.00	83.96	88.93	9,491.69	884.10	1,843.05	468,957.85	612,524.62	1,843.05	32.28903	-104.10296
11,450.00	83.74	88.05	9,501.86	886.59	1,937.47	468,960.34	612,619.04	1,937.47	32.28904	-104.10266
11,545.00	85.93	89.19	9,510.42	888.87	2,032.05	468,962.62	612,713.62	2,032.05	32.28904	-104.10235
11,640.00	86.77	88.49	9,516.46	890.79	2,126.83	468,964.54	612,808.40	2,126.83	32.28905	-104.10204
11,735.00	90.07	88.22	9,519.08	893.51	2,221.74	468,967.26	612,903.31	2,221.74	32.28905	-104.10174
11,830.00	88.13	86.73	9,520.58	897.70	2,316.63	468,971.45	612,998.20	2,316.63	32.28906	-104.10143
11,924.00	91.56	86.73	9,520.83	903.06	2,410.47	468,976.81	613,092.04	2,410.47	32.28908	-104.10113
12,019.00	90.20	87.43	9,519.37	907.90	2,505.33	468,981.65	613,186.90	2,505.33	32.28909	-104.10082
12,114.00	90.33	87.96	9,518.93	911.72	2,600.25	468,985.47	613,281.82	2,600.25	32.28910	-104.10051
12,209.00	89.45	88.49	9,519.11	914.66	2,695.20	468,988.41	613,376.77	2,695.20	32.28911	-104.10021
12,304.00	88.88	87.70	9,520.50	917.82	2,790.14	468,991.57	613,471.71	2,790.14	32.28912	-104.09990
12,400.00	87.69	88.40	9,523.37	921.08	2,886.04	468,994.83	613,567.61	2,886.04	32.28912	-104.09959
12,495.00	87.52	91.21	9,527.34	921.40	2,980.94	468,995.15	613,662.51	2,980.94	32.28912	-104.09928
12,589.00	87.65	93.85	9,531.30	917.26	3,074.76	468,991.01	613,756.33	3,074.76	32.28911	-104.09898
12,685.00	87.87	93.23	9,535.06	911.34	3,170.50	468,985.09	613,852.07	3,170.50	32.28910	-104.09867
12,779.00	91.08	92.79	9,535.92	906.40	3,264.36	468,980.15	613,945.93	3,264.36	32.28908	-104.09836



SB Directional Services

EOW SURVEY REPORT

Kaiser-Francis Oil Company

Company: KAISER FRANCIS OIL CO. Project: EDDY COUNTY, N.M. 83 Site: SEC 20-T23S-28E Well: LOVING TOWNSITE 2021 WA 1H Wellbore: HORIZONTAL Design: HORIZONTAL				Local Co-ordinate Reference: TVD Reference: GE+24 @ 3093.70usft (CAC 169) MD Reference: GE+24 @ 3093.70usft (CAC 169) North Reference: Grid Survey Calculation Method: Minimum Curvature Database: EDM 5000.15 Single User Db						
Survey										
MD (usft)	Inc (°)	Azi (azimuth) (°)	TVD (usft)	N/S (usft)	E/W (usft)	Northing (usft)	Easting (usft)	V. Sec (usft)	Latitude (°)	Longitude (°)
12,874.00	89.23	90.69	9,535.66	903.52	3,359.30	468,977.27	614,040.87	3,359.30	32.28907	-104.09806
12,969.00	86.55	89.89	9,539.16	903.04	3,454.23	468,976.79	614,135.80	3,454.23	32.28907	-104.09775
13,064.00	89.89	89.72	9,542.11	903.36	3,549.17	468,977.11	614,230.74	3,549.17	32.28907	-104.09744
13,159.00	89.80	90.55	9,542.36	903.14	3,644.17	468,976.89	614,325.74	3,644.17	32.28907	-104.09713
13,254.00	87.78	92.18	9,544.37	900.87	3,739.11	468,974.62	614,420.68	3,739.11	32.28906	-104.09683
13,349.00	83.96	93.32	9,551.21	896.33	3,833.74	468,970.08	614,515.31	3,833.74	32.28905	-104.09652
13,443.00	83.25	91.13	9,561.68	892.70	3,927.08	468,966.45	614,608.65	3,927.08	32.28904	-104.09622
13,538.00	86.29	89.02	9,570.34	892.58	4,021.66	468,966.33	614,703.23	4,021.66	32.28904	-104.09591
13,633.00	88.66	87.96	9,574.53	895.09	4,116.53	468,968.84	614,798.10	4,116.53	32.28905	-104.09561
13,728.00	89.05	87.70	9,576.43	898.68	4,211.44	468,972.43	614,893.01	4,211.44	32.28905	-104.09530
13,823.00	91.25	88.75	9,576.18	901.62	4,306.39	468,975.37	614,987.96	4,306.39	32.28906	-104.09499
13,918.00	92.92	89.89	9,572.72	902.75	4,401.32	468,976.50	615,082.89	4,401.32	32.28906	-104.09468
14,013.00	87.78	90.07	9,572.14	902.78	4,496.28	468,976.53	615,177.85	4,496.28	32.28906	-104.09438
14,108.00	87.82	89.54	9,575.79	903.11	4,591.21	468,976.86	615,272.78	4,591.21	32.28906	-104.09407
14,203.00	89.27	89.28	9,578.20	904.09	4,686.17	468,977.84	615,367.74	4,686.17	32.28907	-104.09376
14,298.00	89.80	89.10	9,578.97	905.43	4,781.16	468,979.18	615,462.73	4,781.16	32.28907	-104.09346
14,347.00	90.95	88.84	9,578.65	906.31	4,830.15	468,980.06	615,511.72	4,830.15	32.28907	-104.09330
LS 14347.00' MD & 9578.65' TVD										
14,410.00	90.95	88.84	9,577.61	907.58	4,893.13	468,981.33	615,574.70	4,893.13	32.28908	-104.09309
PTB 14410.00' MD & 9577.61' TVD										

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

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
⁴ API Number 30 - 015- 47432		³ Reason for Filing Code/ Effective Date RT 2000 BOPD 03/2021
⁵ Pool Name Purple Sage; Wolfcamp, Gas	⁶ Pool Code 98220	
⁷ Property Code 321475	⁸ Property Name Loving Townsite 2021 WA	⁹ Well Number 1H

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
0	20	23S	28E	-	1199	South	2455	East	Eddy

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
K	21	23S	28E	-	2083	South	2443	West	Eddy

¹² Lse Code P	¹³ Producing Method Code F	¹⁴ Gas Connection Date 3/8/2021	¹⁵ C-129 Permit Number -	¹⁶ C-129 Effective Date -	¹⁷ C-129 Expiration Date -
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III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refining Co., LP, 19100 Ridgewood Parkway San Antonio, TX 78259	O
327139	Sendero Carlsbad Mistream LLC, 1000 Louisiana Ave., Ste. 6900, Houston, TX 77002	G

IV. Well Completion Data

9578 (TVD)

9578 (TVD)

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBTD	²⁵ Perforations	²⁶ DHC, MC
11/17/2020	3/8/2021	14410 (MD)	14237 (MD)	9656 - 14202	-
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17 1/2	13 3/8	438	550		
12 1/4	10 3/4	2434	380		
9 7/8	7 5/8	8846	890		
6 3/4	5 1/2	14381	1145		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
3/9/2021	3/8/2021	3/18/2021	24 hrs.	—	1690
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	
30	839	3203	1825	Flowing	

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:

Printed name:

Charlotte Van Valkenburg

Title:

Mgr., Regulatory Compliance

E-mail Address:

Charlotv@kfoc.net

Date:

3/31/2021

Phone:

918-491-4314

OIL CONSERVATION DIVISION

Approved by:

Title:

Approval Date:

State of New Mexico
Energy, Minerals and Natural Resources

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

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

WELL API NO.	30-015-47432
5. Indicate Type of Lease STATE ☐ FEE ☒	
6. State Oil & Gas Lease No.	-
7. Lease Name or Unit Agreement Name	Loving Townsite 2021 WA
8. Well Number	1H
9. OGRID Number	12361
10. Pool name or Wildcat	Purple Sage; Wolfcamp, Gas
11. Elevation (Show whether DR, RKB, RT, GR, etc.)	3070 GR

SUNDRY NOTICES AND REPORTS ON WELLS
(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)

1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐

2. Name of Operator
Kaiser-Francis Oil Company

3. Address of Operator
P. O. Box 21468, Tulsa, OK 74121-1468

4. Well Location
Unit Letter O : 1199 feet from the South line and 2455 feet from the East line
Section 20 Township 23S Range 28E NMPM Eddy County

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐
CLOSED-LOOP SYSTEM ☐
OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐
OTHER: Completion ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Completion began 12/28/2020

Completion finished 3/8/2021

- MIRU WL.
- TCP'd first stage @ 14080-14202. Broke down perfs.
- Stage frac'd lateral 9656'-14202' in 27 stages w/271876 bbls fluid + 13453128# sd.
- Drilled out plugs and cleaned out lateral to PBTD w/coiled tbg. Flowed back well.

Spud Date:

11/17/2020

Rig Release Date:

11/30/2020

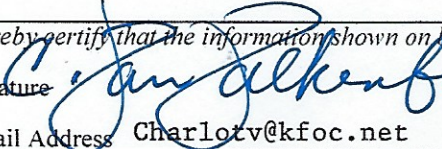
I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE Jan Valkenburg TITLE Mgr., Regulatory Compliance DATE 3/31/2021

Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314
For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Submit To Appropriate District Office Two Copies 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 and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505				Form C-105 Revised April 3, 2017				
		1. WELL API NO.				30-015-47432				
		2. Type of Lease				☐ STATE ☒ FEE ☐ FED/INDIAN				
		3. State Oil & Gas Lease No.				-				
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 Loving Townsite 2021 WA 6. Well Number: 1H				
7. Type of Completion:										
☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER										
8. Name of Operator						9. OGRID				
Kaiser-Francis Oil Company						12361				
10. Address of Operator						11. Pool name or Wildcat				
P. O. Box 21468, Tulsa, OK 74121-1468						Purple Sage; Wolfcamp, Gas				
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	O	20	23S	28E	-	1199	South	2455	East	Eddy
BH:	K	21	23S	28E	-	2083	South	2443	West	Eddy
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.)				
11/17/2020	11/29/2020	11/30/2020		3/8/2021		3070 GR				
18. Total Measured Depth of Well		19. Plug Back Measured Depth		20. Was Directional Survey Made?		21. Type Electric and Other Logs Run				
14410 (MD) 9578 (TVD)		14237 (MD) 9578 (TVD)		Yes		None				
22. Producing Interval(s), of this completion - Top, Bottom, Name						Wolfcamp				
9656 - 14202										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
13 3/8		48		438		17 1/2		550 sxs		-0-
10 3/4		40.5		2434		12 1/4		380 sxs		-0-
7 5/8		29.7		8846		9 7/8		890 sxs		-0-
5 1/2		20		14381		6 3/4		1145 sxs		-0-
24. LINER RECORD										
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN		25. TUBING RECORD				
None	-	-	-	-		SIZE	DEPTH SET	PACKER SET		
						None	-	None		
26. Perforation record (interval, size, and number)						27. ACID. SHOT. FRACTURE. CEMENT. SQUEEZE. ETC.				
9656 - 14202 .42 1464						DEPTH INTERVAL		AMOUNT AND KIND MATERIAL USED		
						9656 - 14202		271876 bbls fluid + 13453128# sd		
28. PRODUCTION										
Date First Production		Production Method (Flowing, gas lift, pumping - Size and type pump)				Well Status (Prod. or Shut-in)				
3/8/2021		Flowing				Producing				
Date of Test	Hours Tested	Choke Size	Prod'n For Test Period	Oil - Bbl	Gas - MCF	Water - Bbl.	Gas - Oil Ratio			
3/18/2021	24	30		839	1825	3203	2175			
Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API - (Corr.)				
-	1690		839	1825	3203	45.				
29. Disposition of Gas (Sold, used for fuel, vented, etc.)						30. Test Witnessed By				
Sold						-				
31. List Attachments										
Final Survey, C-103 completion, C-104 NW, C-103 Csg Detail, C-102 As-drilled w/HSU										
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:										
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:  Printed Name: Charlotte Van Valkenburg Title: Mgr., Regulatory Compliance Date: 3/31/2021 E-mail Address: Charlottv@kfoc.net										

INSTRUCTIONS

Loving Townsite 2021 WA 1H

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 2487	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 6067	T. Todilto	
T. Abo	T. Cherry Canyon 3232	T. Entrada	
T. Wolfcamp 9544	T. Brushy Canyon 4544	T. Wingate	
T. Penn	T.	T. Chinle	
T. Cisco (Bough C)	T.	T. Permian	

**OIL OR GAS
SANDS OR ZONES**

No. 1, from.....9656.....to.....14202..... 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
3232	2487		Salt				
4544			Cherry Canyon				
6067			Brushy Canyon				
9544			Bone Spring				
			Woldcamp				

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

Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Revised July 18, 2013

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)		WELL API NO. 30-015-47432
1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		5. Indicate Type of Lease STATE ☐ FEE ☒
2. Name of Operator Kaiser-Francis Oil Company		6. State Oil & Gas Lease No. -
3. Address of Operator P. O. Box 21468, Tulsa, OK 74121-1468		7. Lease Name or Unit Agreement Name Loving Townsite 2021 WA
4. Well Location Unit Letter O : 1199 feet from the South line and 2455 feet from the East line Section 20 Township 23S Range 28E NMPM Eddy County		8. Well Number 1H
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3070 GR		9. OGRID Number 12361
		10. Pool name or Wildcat Purple Sage; Wolfcamp, Gas

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
 TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
 PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
 DOWNHOLE COMMINGLE ☐
 CLOSED-LOOP SYSTEM ☐
 OTHER: ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: **Casing Detail** ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

11/18/2020 13 3/8", 48#, J55 set @ 438' & cmt'd w/550 sxs. TOC @ surface. Pressure tested to 1500# for 30 minutes - good.
 11/20/2020 10 3/4", 45.5#, L80 set @ 2434' & cmt'd w/380 sxs. TOC @ surface. Pressure tested to 1500# for 30 minutes - good.
 11/23/2020 7 5/8", 29.7#, P110 set @ 8846' & cmt'd w/890 sxs. TOC @ surface. Pressure tested to 2400# for 30 minutes - good.
 11/30/2020 5 1/2", 23#, P110 set @ 14381' & cmt'd w/1145 sxs. TOC @ 672'. Pressure tested to 10000# for 30 minutes - good.

Spud Date:

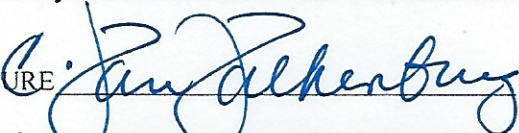
11/17/2020

Rig Release Date:

11/30/2020

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE



TITLE

Mgr., Regulatory Compliance

DATE

3/31/2021

Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314

For State Use Only

APPROVED BY:

TITLE

DATE

Conditions of Approval (if any):

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II

811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

ACKNOWLEDGMENTS

Action 22458

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 22458
	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.

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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 22458

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 22458
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	7/6/2021