

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 - 025-46947	⁵ Pool Name Ojo Chiso; Wolfcamp, SW		⁶ Pool Code 98265
⁷ Property Code 316707	⁸ Property Name Bell Lake Unit North		⁹ Well Number 433H

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	5	23S	34E		2002	South	2423	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
C	32	22S	34E		122	North	2325	West	Lea
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date 3/20/21	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 4/22/20	²² Ready Date 3/20/21	²³ TD 19,270' MD	²⁴ PBDT 19,123' MD	²⁵ Perforations 11,569-19,092	²⁶ DHC, MC
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
17-1/2"	13-3/8"	1,337	810 SX		
12-1/4"	10-3/4"	5,040	570 SX		
9-7/8"	7-5/8"	10,575	680 SX		
6-3/4"	5-1/2"	19,251	600 SX		

V. Well Test Data

³¹ Date New Oil 3/31/21	³² Gas Delivery Date 3/31/21	³³ Test Date 5/7/2021	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure	³⁶ Csg. Pressure 3,250
³⁷ Choke Size 18/64	³⁸ Oil 877	³⁹ Water 1,782	⁴⁰ Gas 1,544		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:		OIL CONSERVATION DIVISION Approved by: Title: Approval Date:	
Printed name: Erica Miles			
Title: Geosciences Technician			
E-mail Address: EricaM@kfoc.net			
Date: 5/26/21	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: (505) 748-1283 Fax: (505) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

☐ AMENDED REPORT
As-Drilled

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46947	² Pool Code 98265	³ Pool Name Ojo Chiso; Wolfcamp, SW
⁴ Property Code 316707	⁵ Property Name BELL LAKE UNIT NORTH	
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	
	⁶ Well Number 433H	
	⁹ Elevation 3433.0	

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	5	23 S	34 E		2002	SOUTH	2423	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
C	32	22 S	34 E		122	NORTH	2325	WEST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
480			R-14602

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.

NW CORNER SEC. 32
LAT. = 32.3554203°N
LONG. = 103.5006833°W
NMSP EAST (FT)
N = 494033.60
E = 798452.33

W/4 CORNER SEC. 32
LAT. = 32.3481622°N
LONG. = 103.5006950°W
NMSP EAST (FT)
N = 491393.03
E = 798469.27

SECTION CORNER
LAT. = 32.3409038°N
LONG. = 103.5007079°W
NMSP EAST (FT)
N = 488752.37
E = 798485.80

W/4 CORNER SEC. 5
LAT. = 32.3336332°N
LONG. = 103.5007116°W
NMSP EAST (FT)
N = 486107.27
E = 798505.21

SW CORNER SEC. 5
LAT. = 32.3263820°N
LONG. = 103.5007113°W
NMSP EAST (FT)
N = 483469.26
E = 798525.81

N/4 CORNER SEC. 32
LAT. = 32.3554204°N
LONG. = 103.4921455°W
NMSP EAST (FT)
N = 494054.25
E = 801088.82

E/4 CORNER SEC. 32
LAT. = 32.3554151°N
LONG. = 103.4835984°W
NMSP EAST (FT)
N = 494073.15
E = 803728.18

SECTION CORNER
LAT. = 32.3409079°N
LONG. = 103.4836160°W
NMSP EAST (FT)
N = 488795.34
E = 803764.63

E/4 CORNER SEC. 5
LAT. = 32.3336418°N
LONG. = 103.4836111°W
NMSP EAST (FT)
N = 486151.88
E = 803787.12

SE CORNER SEC. 5
LAT. = 32.3263890°N
LONG. = 103.4835961°W
NMSP EAST (FT)
N = 483513.32
E = 803812.68

AS-DRILLED

SEC. 32

SEC. 5

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.

MARCH 22, 2021

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: 12797

Intent ☐ As Drilled ☒

API # 30-025-46947		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: BELL LAKE UNIT NORTH	Well Number 433H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
K	5	23S	34E		2167	SOUTH	2294	WEST	LEA
Latitude 32.3323405					Longitude 103.4932851				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
F	5	23S	34E		2531	NORTH	2273	WEST	LEA
Latitude 32.3339505					Longitude 103.4933548				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
C	32	22S	34E		301	NORTH	2334	WEST	LEA
Latitude 32.3545926					Longitude 103.4931278				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 #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Project: Permian NM E'83
County: Lea
Site: BLUN Pad 15
Well: Bell Lake Unit North 433H
Wellbore: #433H OH
Design: #433H OH



TITAN
Directional Drilling

West(-)/East(+) (1500 usft/in)
-1500 -750 0 750
9000

ACTUAL CASING DETAILS

TVD	MD	Name
1335.72	1337.00	13 3/8"
5036.88	5040.00	10 3/4"
10565.18	10575.00	7 5/8"
11249.90	19251.00	5 1/2"



Azimuths to Grid North
True North: -0.45°
Magnetic North: 6.20°

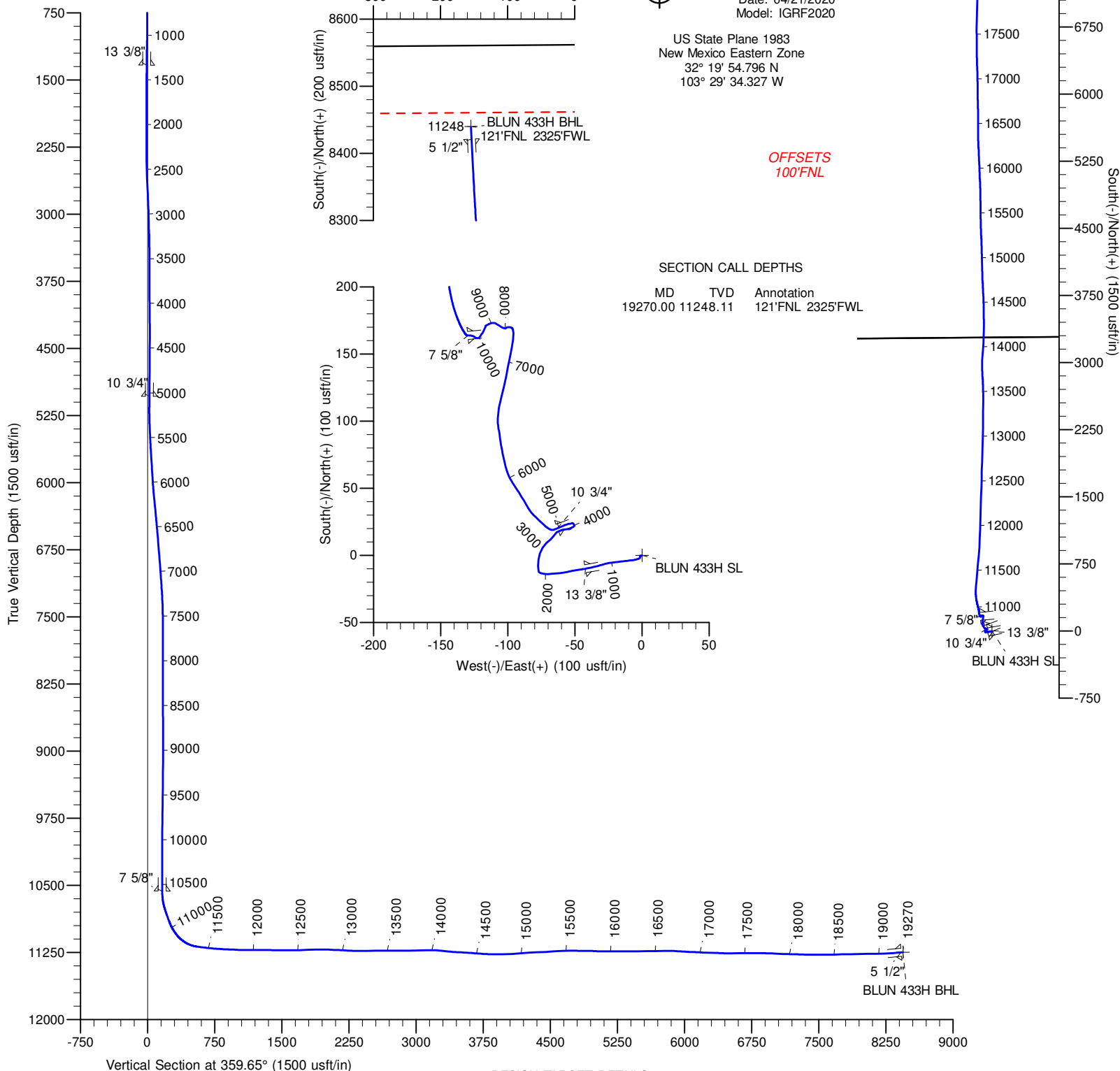
Magnetic Field
Strength: 47685.8snT
Dip Angle: 60.05°
Date: 04/21/2020
Model: IGRF2020

US State Plane 1983
New Mexico Eastern Zone
32° 19' 54.796 N
103° 29' 34.327 W

OFFSETS
100'FNL

SECTION CALL DEPTHS

MD	TVD	Annotation
19270.00	11248.11	121'FNL 2325'FWL



Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

Project	Permian NM E'83		
Map System:	US State Plane 1983	System Datum:	Mean Sea Level
Geo Datum:	North American Datum 1983		
Map Zone:	New Mexico Eastern Zone		Using geodetic scale factor

Site	BLUN Pad 15, Centered on 433H 2002'FSL 2423'FWL 5-23S-34E		
Site Position:		Northing:	485,491.22 usft
From:	Map	Easting:	800,932.70 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32° 19' 54.796 N
		Longitude:	103° 29' 34.327 W
		Grid Convergence:	0.45 °

Well	Bell Lake Unit North 433H		
Well Position	+N/-S	0.00 usft	Northing: 485,491.22 usft
	+E/-W	0.00 usft	Easting: 800,932.70 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	usft
		Latitude:	32° 19' 54.796 N
		Longitude:	103° 29' 34.327 W
		Ground Level:	3,433.00 usft

Wellbore	#433H OH		
Magnetics	Model Name	Sample Date	Declination (°)
	IGRF2020	04/21/20	6.65
			Dip Angle (°)
			60.05
			Field Strength (nT)
			47,685.80446743

Design	#433H OH		
Audit Notes:			
Version:	1.0	Phase:	ACTUAL
		Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)
	0.00	0.00	0.00
			Direction (°)
			359.65

Survey Program	Date	05/14/20		
From (usft)	To (usft)	Survey (Wellbore)	Tool Name	Description
139.00	19,208.00	Survey #1 (#433H OH)	MWD	MWD - Standard
19,270.00	19,270.00	Projection (#433H OH)	ZERO-ERROR	Zero Error

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BLUN 433H SL									
139.00	0.40	231.40	139.00	-0.30	-0.38	-0.30	0.29	0.29	0.00
239.00	0.60	297.60	239.00	-0.28	-1.12	-0.27	0.57	0.20	66.20
333.00	0.20	137.70	332.99	-0.17	-1.44	-0.16	0.84	-0.43	-170.11
426.00	0.20	187.60	425.99	-0.45	-1.35	-0.44	0.18	0.00	53.66
519.00	0.60	173.20	518.99	-1.10	-1.32	-1.09	0.44	0.43	-15.48
613.00	0.70	221.70	612.99	-2.01	-1.64	-2.00	0.58	0.11	51.60
706.00	2.30	253.90	705.95	-2.96	-3.81	-2.93	1.88	1.72	34.62
799.00	3.50	263.70	798.83	-3.78	-8.43	-3.73	1.39	1.29	10.54

Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

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)
893.00	4.00	263.20	892.63	-4.49	-14.53	-4.40	0.53	0.53	-0.53
987.00	4.60	263.50	986.37	-5.30	-21.54	-5.17	0.64	0.64	0.32
1,080.00	3.50	254.10	1,079.13	-6.50	-27.97	-6.33	1.38	-1.18	-10.11
1,174.00	3.10	255.30	1,172.98	-7.93	-33.19	-7.73	0.43	-0.43	1.28
1,267.00	3.20	257.00	1,265.84	-9.16	-38.15	-8.92	0.15	0.11	1.83
1,337.00	3.54	260.15	1,335.72	-9.96	-42.18	-9.71	0.55	0.49	4.51
13 3/8"									
1,369.00	3.70	261.40	1,367.65	-10.29	-44.18	-10.02	0.55	0.50	3.90
1,464.00	3.00	260.90	1,462.49	-11.14	-49.66	-10.84	0.74	-0.74	-0.53
1,559.00	2.70	256.20	1,557.37	-12.07	-54.29	-11.73	0.40	-0.32	-4.95
1,649.00	2.50	261.40	1,647.28	-12.87	-58.29	-12.51	0.34	-0.22	5.78
1,744.00	2.50	265.00	1,742.19	-13.36	-62.40	-12.97	0.17	0.00	3.79
1,839.00	2.60	265.00	1,837.09	-13.72	-66.61	-13.32	0.11	0.11	0.00
1,934.00	1.70	269.70	1,932.03	-13.92	-70.17	-13.49	0.96	-0.95	4.95
2,028.00	1.10	275.00	2,026.00	-13.85	-72.46	-13.41	0.65	-0.64	5.64
2,123.00	1.10	282.00	2,120.98	-13.58	-74.26	-13.13	0.14	0.00	7.37
2,218.00	0.70	290.40	2,215.97	-13.19	-75.70	-12.72	0.44	-0.42	8.84
2,313.00	0.40	318.00	2,310.96	-12.74	-76.47	-12.27	0.41	-0.32	29.05
2,408.00	0.40	333.90	2,405.96	-12.19	-76.83	-11.73	0.12	0.00	16.74
2,503.00	1.20	353.50	2,500.95	-10.91	-77.09	-10.44	0.88	0.84	20.63
2,598.00	2.50	356.90	2,595.90	-7.85	-77.32	-7.38	1.37	1.37	3.58
2,693.00	2.90	6.20	2,690.80	-3.39	-77.17	-2.92	0.62	0.42	9.79
2,788.00	2.90	18.00	2,785.67	1.28	-76.17	1.75	0.63	0.00	12.42
2,883.00	3.20	33.30	2,880.54	5.78	-73.97	6.24	0.91	0.32	16.11
2,978.00	2.30	46.80	2,975.43	9.30	-71.12	9.74	1.16	-0.95	14.21
3,073.00	2.40	51.00	3,070.35	11.86	-68.19	12.28	0.21	0.11	4.42
3,168.00	2.00	32.60	3,165.28	14.51	-65.75	14.91	0.85	-0.42	-19.37
3,263.00	2.50	47.00	3,260.21	17.32	-63.34	17.71	0.79	0.53	15.16
3,358.00	2.60	81.10	3,355.12	19.07	-59.70	19.43	1.58	0.11	35.89
3,453.00	1.80	86.40	3,450.05	19.49	-56.08	19.84	0.87	-0.84	5.58
3,548.00	0.50	92.70	3,545.03	19.57	-54.17	19.90	1.37	-1.37	6.63
3,643.00	0.50	46.60	3,640.03	19.83	-53.46	20.16	0.41	0.00	-48.53
3,737.00	0.80	58.20	3,734.02	20.46	-52.60	20.78	0.35	0.32	12.34
3,832.00	1.20	63.90	3,829.01	21.25	-51.15	21.56	0.43	0.42	6.00
3,928.00	0.30	1.10	3,925.00	21.94	-50.24	22.25	1.14	-0.94	-65.42
4,022.00	0.40	327.70	4,019.00	22.46	-50.41	22.77	0.24	0.11	-35.53
4,117.00	0.40	331.90	4,113.99	23.04	-50.74	23.35	0.03	0.00	4.42
4,212.00	0.50	317.30	4,208.99	23.63	-51.18	23.95	0.16	0.11	-15.37
4,307.00	0.40	268.50	4,303.99	23.93	-51.79	24.25	0.40	-0.11	-51.37
4,402.00	0.60	250.50	4,398.98	23.76	-52.59	24.08	0.27	0.21	-18.95
4,497.00	0.70	266.50	4,493.98	23.55	-53.64	23.88	0.22	0.11	16.84
4,592.00	0.70	260.70	4,588.97	23.42	-54.79	23.76	0.07	0.00	-6.11
4,687.00	0.80	244.90	4,683.96	23.05	-55.97	23.39	0.24	0.11	-16.63

Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
4,782.00	1.20	250.70	4,778.95	22.44	-57.51	22.79	0.43	0.42	6.11
4,877.00	1.30	246.00	4,873.93	21.67	-59.43	22.03	0.15	0.11	-4.95
4,972.00	1.30	247.70	4,968.90	20.82	-61.41	21.20	0.04	0.00	1.79
4,999.00	1.40	249.30	4,995.89	20.59	-62.00	20.97	0.40	0.37	5.93
5,040.00	1.40	249.30	5,036.88	20.24	-62.94	20.62	0.00	0.00	0.00
10 3/4"									
5,063.00	1.40	249.00	5,059.87	20.04	-63.46	20.42	0.03	0.00	-1.30
5,158.00	1.50	246.20	5,154.84	19.12	-65.69	19.52	0.13	0.11	-2.95
5,253.00	2.20	294.40	5,249.80	19.37	-68.48	19.79	1.73	0.74	50.74
5,348.00	3.50	312.10	5,344.68	22.07	-72.30	22.51	1.64	1.37	18.63
5,443.00	3.50	314.00	5,439.50	26.03	-76.53	26.49	0.12	0.00	2.00
5,538.00	3.30	312.70	5,534.34	29.89	-80.63	30.39	0.23	-0.21	-1.37
5,632.00	4.20	329.30	5,628.14	34.69	-84.38	35.20	1.49	0.96	17.66
5,727.00	4.30	329.20	5,722.88	40.74	-87.97	41.28	0.11	0.11	-0.11
5,822.00	4.20	328.00	5,817.62	46.75	-91.64	47.31	0.14	-0.11	-1.26
5,917.00	4.00	326.50	5,912.37	52.46	-95.31	53.04	0.24	-0.21	-1.58
6,012.00	4.40	332.80	6,007.12	58.47	-98.81	59.07	0.64	0.42	6.63
6,107.00	5.40	346.40	6,101.77	66.05	-101.53	66.67	1.61	1.05	14.32
6,202.00	5.50	347.50	6,196.34	74.84	-103.56	75.47	0.15	0.11	1.16
6,297.00	5.80	351.70	6,290.88	84.04	-105.24	84.68	0.54	0.32	4.42
6,392.00	5.60	350.60	6,385.41	93.36	-106.69	94.01	0.24	-0.21	-1.16
6,487.00	5.00	359.50	6,480.01	102.07	-107.48	102.73	1.07	-0.63	9.37
6,582.00	4.80	13.20	6,574.66	110.08	-106.61	110.73	1.25	-0.21	14.42
6,677.00	4.70	14.50	6,669.34	117.72	-104.73	118.36	0.15	-0.11	1.37
6,771.00	4.70	12.90	6,763.02	125.20	-102.91	125.83	0.14	0.00	-1.70
6,866.00	4.60	11.60	6,857.71	132.73	-101.27	133.34	0.15	-0.11	-1.37
6,961.00	4.50	10.70	6,952.41	140.12	-99.81	140.73	0.13	-0.11	-0.95
7,056.00	4.40	10.90	7,047.12	147.36	-98.43	147.96	0.11	-0.11	0.21
7,150.00	4.00	10.40	7,140.87	154.13	-97.16	154.72	0.43	-0.43	-0.53
7,245.00	3.60	9.00	7,235.66	160.33	-96.09	160.92	0.43	-0.42	-1.47
7,340.00	2.00	357.00	7,330.54	164.93	-95.71	165.52	1.78	-1.68	-12.63
7,435.00	1.60	346.80	7,425.50	167.88	-96.10	168.46	0.54	-0.42	-10.74
7,530.00	0.80	299.90	7,520.48	169.50	-96.98	170.09	1.27	-0.84	-49.37
7,625.00	0.80	278.80	7,615.47	169.93	-98.21	170.53	0.31	0.00	-22.21
7,720.00	1.00	270.10	7,710.46	170.04	-99.70	170.64	0.25	0.21	-9.16
7,815.00	0.40	227.00	7,805.45	169.81	-100.77	170.43	0.80	-0.63	-45.37
7,911.00	0.40	223.90	7,901.45	169.34	-101.25	169.96	0.02	0.00	-3.23
8,005.00	0.40	268.30	7,995.45	169.10	-101.80	169.72	0.32	0.00	47.23
8,100.00	0.30	290.30	8,090.44	169.17	-102.37	169.80	0.17	-0.11	23.16
8,195.00	0.40	284.00	8,185.44	169.34	-102.92	169.97	0.11	0.11	-6.63
8,290.00	0.50	292.70	8,280.44	169.58	-103.62	170.21	0.13	0.11	9.16
8,385.00	0.70	297.10	8,375.43	170.00	-104.52	170.64	0.22	0.21	4.63
8,480.00	0.90	305.20	8,470.43	170.70	-105.65	171.34	0.24	0.21	8.53
8,575.00	1.00	298.00	8,565.41	171.52	-106.99	172.17	0.16	0.11	-7.58

Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
8,670.00	0.80	307.00	8,660.40	172.31	-108.25	172.96	0.26	-0.21	9.47
8,765.00	0.70	292.60	8,755.39	172.93	-109.32	173.59	0.22	-0.11	-15.16
8,860.00	0.70	273.70	8,850.39	173.19	-110.43	173.86	0.24	0.00	-19.89
8,954.00	0.70	266.60	8,944.38	173.19	-111.58	173.87	0.09	0.00	-7.55
9,049.00	0.80	242.60	9,039.37	172.85	-112.75	173.54	0.34	0.11	-25.26
9,144.00	0.90	244.30	9,134.36	172.22	-114.01	172.92	0.11	0.11	1.79
9,239.00	1.20	251.50	9,229.34	171.58	-115.62	172.29	0.34	0.32	7.58
9,334.00	0.30	165.50	9,324.34	171.03	-116.51	171.74	1.28	-0.95	-90.53
9,429.00	0.80	196.50	9,419.33	170.15	-116.63	170.86	0.59	0.53	32.63
9,524.00	1.10	208.10	9,514.32	168.71	-117.25	169.42	0.37	0.32	12.21
9,619.00	1.10	203.10	9,609.30	167.07	-118.04	167.79	0.10	0.00	-5.26
9,714.00	0.80	215.10	9,704.29	165.69	-118.78	166.41	0.38	-0.32	12.63
9,809.00	0.80	223.20	9,799.28	164.66	-119.61	165.39	0.12	0.00	8.53
9,904.00	1.10	197.80	9,894.27	163.31	-120.34	164.04	0.54	0.32	-26.74
9,999.00	0.60	242.50	9,989.26	162.21	-121.06	162.95	0.84	-0.53	47.05
10,094.00	0.70	250.40	10,084.25	161.79	-122.05	162.53	0.14	0.11	8.32
10,189.00	0.90	287.20	10,179.24	161.81	-123.31	162.56	0.57	0.21	38.74
10,283.00	0.70	316.90	10,273.23	162.45	-124.41	163.21	0.48	-0.21	31.60
10,378.00	0.80	292.90	10,368.23	163.13	-125.42	163.89	0.34	0.11	-25.26
10,473.00	1.40	284.10	10,463.21	163.67	-127.15	164.45	0.65	0.63	-9.26
10,518.00	1.40	271.10	10,508.19	163.82	-128.24	164.60	0.70	0.00	-28.89
10,575.00	1.48	264.66	10,565.18	163.76	-129.67	164.55	0.32	0.14	-11.30
7 5/8"									
10,586.00	1.50	263.50	10,576.17	163.73	-129.95	164.52	0.32	0.16	-10.53
10,681.00	8.60	332.00	10,670.78	169.87	-134.53	170.69	8.60	7.47	72.11
10,728.00	14.90	339.80	10,716.78	178.66	-138.27	179.50	13.79	13.40	16.60
10,775.00	16.70	347.30	10,762.00	190.92	-141.84	191.78	5.78	3.83	15.96
10,823.00	19.60	351.80	10,807.61	205.62	-144.51	206.50	6.71	6.04	9.38
10,870.00	20.40	352.30	10,851.78	221.54	-146.73	222.43	1.74	1.70	1.06
10,918.00	20.70	351.50	10,896.72	238.22	-149.10	239.12	0.86	0.63	-1.67
10,965.00	23.70	347.10	10,940.24	255.65	-152.44	256.57	7.29	6.38	-9.36
11,013.00	30.20	345.50	10,983.00	276.76	-157.62	277.72	13.62	13.54	-3.33
11,060.00	35.10	347.20	11,022.56	301.40	-163.58	302.39	10.61	10.43	3.62
11,107.00	40.20	347.70	11,059.77	329.41	-169.81	330.44	10.87	10.85	1.06
11,155.00	47.20	352.00	11,094.45	362.03	-175.57	363.10	15.84	14.58	8.96
11,202.00	53.90	356.00	11,124.31	398.10	-179.30	399.19	15.69	14.26	8.51
11,250.00	62.30	0.60	11,149.66	438.78	-180.43	439.88	19.29	17.50	9.58
11,297.00	70.60	4.40	11,168.43	481.78	-178.51	482.86	19.15	17.66	8.09
11,332.00	76.60	5.20	11,178.31	515.22	-175.70	516.28	17.28	17.14	2.29
11,379.00	82.20	5.10	11,186.95	561.21	-171.55	562.25	11.92	11.91	-0.21
11,474.00	83.50	4.50	11,198.77	655.14	-163.66	656.13	1.51	1.37	-0.63
11,569.00	85.40	4.70	11,207.96	749.39	-156.08	750.33	2.01	2.00	0.21
11,664.00	87.20	6.10	11,214.09	843.76	-147.16	844.64	2.40	1.89	1.47

Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

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)
11,758.00	87.40	3.30	11,218.52	937.33	-139.47	938.17	2.98	0.21	-2.98
11,853.00	87.80	1.70	11,222.50	1,032.15	-135.33	1,032.96	1.73	0.42	-1.68
11,948.00	89.80	1.60	11,224.49	1,127.09	-132.59	1,127.88	2.11	2.11	-0.11
12,043.00	91.20	2.20	11,223.66	1,222.03	-129.44	1,222.80	1.60	1.47	0.63
12,138.00	89.00	1.30	11,223.49	1,316.98	-126.54	1,317.73	2.50	-2.32	-0.95
12,233.00	89.20	1.70	11,224.98	1,411.93	-124.05	1,412.67	0.47	0.21	0.42
12,328.00	89.30	1.70	11,226.23	1,506.88	-121.24	1,507.60	0.11	0.11	0.00
12,423.00	90.50	2.00	11,226.39	1,601.83	-118.17	1,602.53	1.30	1.26	0.32
12,517.00	91.60	1.50	11,224.67	1,695.77	-115.30	1,696.44	1.29	1.17	-0.53
12,612.00	92.50	1.80	11,221.27	1,790.67	-112.57	1,791.33	1.00	0.95	0.32
12,707.00	91.60	2.50	11,217.87	1,885.54	-109.00	1,886.17	1.20	-0.95	0.74
12,802.00	87.90	1.10	11,218.29	1,980.48	-106.02	1,981.09	4.16	-3.89	-1.47
12,897.00	88.20	1.80	11,221.52	2,075.39	-103.62	2,075.98	0.80	0.32	0.74
12,992.00	86.50	1.10	11,225.91	2,170.25	-101.22	2,170.83	1.93	-1.79	-0.74
13,087.00	87.30	0.20	11,231.05	2,265.11	-100.14	2,265.68	1.27	0.84	-0.95
13,182.00	88.80	0.40	11,234.28	2,360.05	-99.64	2,360.61	1.59	1.58	0.21
13,277.00	91.30	0.90	11,234.20	2,455.03	-98.57	2,455.59	2.68	2.63	0.53
13,372.00	91.50	0.60	11,231.88	2,550.00	-97.32	2,550.54	0.38	0.21	-0.32
13,467.00	89.90	359.50	11,230.72	2,644.98	-97.24	2,645.53	2.04	-1.68	-1.16
13,562.00	89.60	357.50	11,231.13	2,739.95	-99.73	2,740.50	2.13	-0.32	-2.11
13,657.00	91.20	356.60	11,230.47	2,834.81	-104.61	2,835.40	1.93	1.68	-0.95
13,752.00	89.90	358.00	11,229.56	2,929.70	-109.09	2,930.31	2.01	-1.37	1.47
13,847.00	91.10	2.20	11,228.73	3,024.67	-108.92	3,025.28	4.60	1.26	4.42
13,942.00	92.90	5.30	11,225.41	3,119.40	-102.72	3,119.97	3.77	1.89	3.26
14,036.00	86.50	3.20	11,225.91	3,213.08	-95.75	3,213.61	7.17	-6.81	-2.23
14,131.00	83.10	2.10	11,234.51	3,307.58	-91.38	3,308.07	3.76	-3.58	-1.16
14,226.00	85.80	0.10	11,243.70	3,402.10	-89.57	3,402.58	3.53	2.84	-2.11
14,321.00	86.60	359.20	11,250.00	3,496.89	-90.15	3,497.37	1.27	0.84	-0.95
14,416.00	86.90	359.30	11,255.38	3,591.73	-91.39	3,592.22	0.33	0.32	0.11
14,511.00	85.20	357.90	11,261.93	3,686.47	-93.70	3,686.97	2.32	-1.79	-1.47
14,606.00	86.80	357.10	11,268.56	3,781.14	-97.84	3,781.67	1.88	1.68	-0.84
14,701.00	89.60	356.80	11,271.54	3,875.95	-102.89	3,876.51	2.96	2.95	-0.32
14,796.00	91.50	358.50	11,270.63	3,970.86	-106.78	3,971.44	2.68	2.00	1.79
14,891.00	92.90	358.80	11,266.98	4,065.76	-109.02	4,066.35	1.51	1.47	0.32
14,985.00	95.30	358.70	11,260.26	4,159.49	-111.06	4,160.09	2.56	2.55	-0.11
15,080.00	93.20	358.10	11,253.22	4,254.18	-113.71	4,254.80	2.30	-2.21	-0.63
15,175.00	91.50	357.90	11,249.33	4,349.04	-117.02	4,349.68	1.80	-1.79	-0.21
15,269.00	94.30	357.40	11,244.57	4,442.83	-120.87	4,443.49	3.03	2.98	-0.53
15,363.00	94.00	358.30	11,237.77	4,536.52	-124.39	4,537.20	1.01	-0.32	0.96
15,458.00	91.90	359.30	11,232.88	4,631.37	-126.37	4,632.05	2.45	-2.21	1.05
15,553.00	89.80	0.00	11,231.47	4,726.35	-126.95	4,727.04	2.33	-2.21	0.74
15,648.00	89.20	359.10	11,232.30	4,821.34	-127.70	4,822.03	1.14	-0.63	-0.95
15,743.00	89.10	358.70	11,233.71	4,916.31	-129.52	4,917.01	0.43	-0.11	-0.42
15,838.00	87.80	357.20	11,236.28	5,011.21	-132.92	5,011.93	2.09	-1.37	-1.58

Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

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)
15,933.00	89.60	357.70	11,238.43	5,106.09	-137.15	5,106.83	1.97	1.89	0.53
16,028.00	90.60	358.00	11,238.27	5,201.02	-140.71	5,201.78	1.10	1.05	0.32
16,123.00	90.10	357.30	11,237.69	5,295.94	-144.61	5,296.72	0.91	-0.53	-0.74
16,218.00	90.20	356.90	11,237.44	5,390.82	-149.41	5,391.63	0.43	0.11	-0.42
16,312.00	90.80	358.40	11,236.62	5,484.73	-153.27	5,485.57	1.72	0.64	1.60
16,407.00	89.80	0.00	11,236.12	5,579.72	-154.59	5,580.56	1.99	-1.05	1.68
16,502.00	90.70	359.80	11,235.71	5,674.71	-154.76	5,675.55	0.97	0.95	-0.21
16,597.00	91.70	359.50	11,233.72	5,769.69	-155.34	5,770.53	1.10	1.05	-0.32
16,692.00	87.90	359.30	11,234.05	5,864.67	-156.33	5,865.51	4.01	-4.00	-0.21
16,787.00	85.80	358.40	11,239.27	5,959.50	-158.24	5,960.35	2.40	-2.21	-0.95
16,882.00	88.20	0.20	11,244.24	6,054.35	-159.39	6,055.21	3.16	2.53	1.89
16,977.00	86.30	358.20	11,248.80	6,149.22	-160.72	6,150.09	2.90	-2.00	-2.11
17,072.00	88.20	358.80	11,253.36	6,244.08	-163.20	6,244.96	2.10	2.00	0.63
17,167.00	88.20	357.90	11,256.34	6,338.99	-165.93	6,339.88	0.95	0.00	-0.95
17,262.00	88.70	359.00	11,258.91	6,433.92	-168.50	6,434.83	1.27	0.53	1.16
17,356.00	90.40	359.90	11,259.65	6,527.91	-169.40	6,528.82	2.05	1.81	0.96
17,451.00	90.50	359.00	11,258.90	6,622.90	-170.32	6,623.81	0.95	0.11	-0.95
17,546.00	90.40	0.00	11,258.15	6,717.89	-171.15	6,718.81	1.06	-0.11	1.05
17,641.00	90.30	1.80	11,257.57	6,812.87	-169.65	6,813.78	1.90	-0.11	1.89
17,736.00	87.90	1.50	11,259.07	6,907.81	-166.92	6,908.70	2.55	-2.53	-0.32
17,831.00	87.60	1.60	11,262.80	7,002.71	-164.35	7,003.58	0.33	-0.32	0.11
17,926.00	87.60	1.80	11,266.77	7,097.58	-161.53	7,098.44	0.21	0.00	0.21
18,021.00	88.20	1.80	11,270.26	7,192.47	-158.55	7,193.30	0.63	0.63	0.00
18,116.00	88.60	1.20	11,272.91	7,287.40	-156.07	7,288.22	0.76	0.42	-0.63
18,210.00	88.90	0.80	11,274.96	7,381.36	-154.43	7,382.17	0.53	0.32	-0.43
18,305.00	89.60	1.10	11,276.20	7,476.34	-152.85	7,477.13	0.80	0.74	0.32
18,400.00	90.30	1.30	11,276.29	7,571.32	-150.86	7,572.10	0.77	0.74	0.21
18,495.00	91.80	1.20	11,274.54	7,666.28	-148.79	7,667.04	1.58	1.58	-0.11
18,590.00	91.80	0.60	11,271.56	7,761.22	-147.30	7,761.97	0.63	0.00	-0.63
18,685.00	90.50	0.70	11,269.65	7,856.19	-146.22	7,856.94	1.37	-1.37	0.11
18,780.00	91.70	1.30	11,267.83	7,951.16	-144.56	7,951.89	1.41	1.26	0.63
18,875.00	90.20	0.80	11,266.25	8,046.13	-142.82	8,046.85	1.66	-1.58	-0.53
18,970.00	91.10	1.00	11,265.18	8,141.11	-141.33	8,141.82	0.97	0.95	0.21
19,065.00	91.40	356.50	11,263.10	8,236.04	-143.40	8,236.76	4.75	0.32	-4.74
19,160.00	94.60	356.70	11,258.13	8,330.73	-149.03	8,331.48	3.37	3.37	0.21
19,208.00	95.40	357.20	11,253.95	8,378.48	-151.57	8,379.25	1.96	1.67	1.04
19,251.00	95.40	357.20	11,249.90	8,421.23	-153.66	8,422.02	0.00	0.00	0.00
5 1/2"									
19,270.00	95.40	357.20	11,248.11	8,440.13	-154.59	8,440.91	0.00	0.00	0.00
121'FNL 2325'FWL - BLUN 433H BHL									

Titan Directional Drilling

Survey Report

Company:	Kaiser-Francis Oil Company	Local Co-ordinate Reference:	Well Bell Lake Unit North 433H
Project:	Permian NM E'83	TVD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Site:	BLUN Pad 15	MD Reference:	GL+KB @ 3456.00usft (Cactus 171)
Well:	Bell Lake Unit North 433H	North Reference:	Grid
Wellbore:	#433H OH	Survey Calculation Method:	Minimum Curvature
Design:	#433H OH	Database:	EDM 5k-14

Design Targets									
Target Name - hit/miss target - Shape	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
BLUN 433H SL - actual wellpath hits target center - Point	0.00	0.00	0.00	0.00	0.00	485,491.22	800,932.70	32° 19' 54.796 N	103° 29' 34.327 W
BLUN 433H BHL - actual wellpath hits target center - Point	0.00	0.00	11,248.11	8,440.13	-154.59	493,931.23	800,778.11	32° 21' 18.320 N	103° 29' 35.357 W

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
1,337.00	1,335.72	13 3/8"	13-3/8	17-1/2	
5,040.00	5,036.88	10 3/4"	10-3/4	12-1/4	
10,575.00	10,565.18	7 5/8"	7-5/8	9-7/8	
19,251.00	11,249.90	5 1/2"	5-1/2	6-3/4	

Design Annotations					
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates			
		+N/-S (usft)	+E/-W (usft)	Comment	
19,270.00	11,248.11	8,440.13	-154.59	121°FNL 2325'FWL	

Well Name: BELL LAKE UNIT NORTH	Well Location: T23S / R34E / SEC 5 / NESW / 32.3317228 / -103.4931114	County or Parish/State: LEA / NM
Well Number: 433H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0001244A, NMNM01244A	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002546947	Well Status: Drilling Well	Operator: KAISER FRANCIS OIL COMPANY

Subsequent Report

Type of Submission: Subsequent Report	Type of Action: Hydraulic Fracturing
Date Sundry Submitted: 05/11/2021	Time Sundry Submitted: 10:17
Date Operation Actually Began: 02/10/2021	

Actual Procedure: 1/21: Pressure test csg to 11,500#. Test annulus to 500#. TCP Stage 1: 19,000'-19,092' O/A w/5, 3 1/8" guns. BD perfs @ 5,300#. Establishin injection into perfs: 3 BPM @ 4,920#. SD and isolate well. 5 min 4,420#. 1/21-2/21: Stage-Frac lateral 11,569'-19,092' O/A in 43 stages w/ 76,796 gal 15% HCl, 430,074 bbls SW and 5,940 HVFR carrying 1,830,073# 100M and 19,573,074# 40/70 white. 3/21: Drill out all plugs w/4.625" roller cone bit. TLTR: 443,462 bbls. SICP: 3,200#.

SR Attachments

Actual Procedure

BLUN_433H_WBD_20210511101700.pdf

Well Name: BELL LAKE UNIT NORTH	Well Location: T23S / R34E / SEC 5 / NESW / 32.3317228 / -103.4931114	County or Parish/State: LEA / NM
Well Number: 433H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM0001244A, NMNM01244A	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002546947	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: ERIC HANSEN	Signed on: MAY 11, 2021 10:17 AM
Name: KAISER FRANCIS OIL COMPANY	
Title: Drilling Engineer	
Street Address: 6733 S. Yale Ave.	
City: Tulsa	State: OK
Phone: (918) 491-4339	
Email address: EricH@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: 05/14/2021
Signature: Jonathon Shepard	



U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Well Completion Print Report

05/24/2021

Operator Name KAISER FRANCIS OIL COMPANY
Well Name BELL LAKE UNIT NORTH
Well Number 433H
US Well Number 3002546947

SHL NESW Lot k Sec 5 23S 34E
County LEA
State NM
Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Agreement Number(s) NMNM68292X, NMNM68292X

Well Type OIL WELL
Well Status Drilling Well
Agreement Name BELL LAKE
ID 10400048787

Allottee/Tribe Name
Well Pad Name NORTH BELL LAKE UNIT
Well Pad Number 15

Section 1 - General

Well Completion Report Id: 72671
Submission Date: N/A until DB Work

BLM Office: Carlsbad Field Office
User: Eric Hansen
Title: Drilling Engineer

Federal/Indian: FEDERAL
Lease Number: NMNM0001244A
Lease Acres: 634.35

Agreement in place?: YES
Federal or Indian Agreement: FEDERAL

Agreement Number: NMNM68292X
Agreement Name: BELL LAKE

Keep this Well Completion Report confidential?: YES

APD Operator: KAISER FRANCIS OIL COMPANY

Section 2 - Well Information

Field/Pool or Exploratory: Field/Pool
Pool Name: Bone Springs 98259
Field Name: OJO CHISO

Well Type: OIL WELL

Spud Date: 04-22-2020

Date Total Measured Depth Reached: 05-10-2020

Drill & Abandon or Ready To Produce: READY TO PRODUCE

Well Class: HORIZONTAL

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
---	OTHER	Surface	3432	0	0	NONE	
RUSTLER	SANDSTONE		2210	1222	1222	NONE	

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Section 3 - Geologic Formations

Formation Name	Lithology	Describe Lithology	Elevation	TVD	MD	Mineral Resources	Describe Mineral Resources
SALADO	SALT		1810	1622	1622	NONE	
TOP SALT	SALT		1610	1822	1822	NONE	
BASE OF SALT	SALT		-1290	4722	4722	NONE	
LAMAR	LIMESTONE		-1540	4972	4972	NATURAL GAS, OIL	
BELL CANYON	SANDSTONE		-1740	5172	5172	NATURAL GAS, OIL	
CHERRY CANYON	SANDSTONE		-2765	6197	6197	NATURAL GAS, OIL	
BRUSHY CANYON	SANDSTONE		-4090	7522	7522	NATURAL GAS, OIL	
BONE SPRING	SANDSTONE		-5190	8622	8622	NATURAL GAS, OIL	
AVALON SAND	SANDSTONE		-5263	8695	8695	NATURAL GAS, OIL	
BONE SPRING 1ST	SANDSTONE		-6115	9547	9547	NATURAL GAS, OIL	
BONE SPRING 2ND	SANDSTONE		-6595	10027	10027	NATURAL GAS, OIL	
BONE SPRING LIME	LIMESTONE		-7115	10547	10547	NATURAL GAS, OIL	
BONE SPRING 3RD	SANDSTONE		-7515	10947	10947	NATURAL GAS, OIL	
WOLFCAMP	SANDSTONE		-7833	11265	11265	NATURAL GAS, OIL	

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Completion and Completed Intervals

Completion Data

Wellbore Code	Completion Code	Interval Number	Case Number	Lease Number	Well Completion Type	Describe Well Completion Type	Completion Status	Date Completed	Date First Produced	Formation	Interval Top (MD)	Interval Bottom (MD)	Interval Perforated?	Perforation Size	Number of Holes	Status of Interval
00	X1	1	NMNM68292X	NMNM01244A	NEW		DRG	02-10-2021	04-01-2021	WOLFCA MP	11569	19092	Y	.421	1935	OPEN

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Totle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
00	X1	1	Y	FRAC	437842	9999999	1/21: Pressure test csg to 11,500#. Test annulus to 500#. TCP Stage 1: 19,000'-19,092' O/A w/5, 3 1/8" guns. BD perfs @ 5,300#. Establishin injection into perfs: 3 BPM @ 4,920#. SD and isolate well. 5 min 4,420#. 1/21-2/21: Stage-Frac lateral 11,569'-19,092' O/A in 43 stages

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Treatment Data

Wellbore Code	Completion Code	Interval Number	Interval Treated?	Treatment Type	Tottle Fluid (bbls)	Total Proppant (lbs)	Treatment Remarks
							w/ 76,796 gal 15% HCl, 430,074 bbls SW and 5,940 HVFR carrying 1,830,073# 100M and 19,573,074 # 40/70 white. 3/21: Drill out all plugs w/4.625" roller cone bit. TLTR: 443,462 bbls. SICP: 3,200#.

Production Data

Wellbore Code	Completion Code	Interval Number	API Oil Gravity	Gas Gravity	Production Method	Describe Production	Disposition of Gas	Describe Disposition
00	X1	1	45	.75	FLows FROM WELL			

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
------------------	--------------------	--------------------	-----------	--------------	----------------------------	---------------------------	-----------------------------	----------------------------	------------	-------------------------------------	--------------------------

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Test Data

Wellbore Code	Completion Code	Interval Number	Test Date	Hours Tested	24-Hour Rate Oil (bbls)	24-Hour Rate Gas (MCF)	24-Hour Rate Water(BWPD)	Gas-Oil Ratio (SCF/Bbl)	Choke Size	Tubing Pressure	Tubing Pressure Shut-In (psi)	Casing Pressure (psi)
00	X1	1	05/07/2021	24	877	1544	1782	1760	18/64			3250

Well Location

Survey Type: RECTANGULAR

Survey Number: 6961

Datum: NAD83

Vertical Datum: NAVD88

Reference Datum: GL

State	Meridian	County	Latitude	Longitude	Elevation (MSL)	Lease Type	Lease Number	Plug TVD (ft)	Plug MD (ft)	Plug Type	NS-Foot	NS-Indicator	EW-Foot	EW-Indicator	Township	Range	Section	Aliquot/Lot/Tract
SHL	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3318878	-103.4928686	3432	FEDERAL	NMNM0587			2002	FSL	2423	FWL	23S	34E	5	NESW Lot k
KOP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3323405	-103.493285	-7482	FEDERAL	NMNM0587			2167	FSL	2294	FWL	23S	34E	5	NESW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3339505	-103.4933548	-8055	FEDERAL	NMNM01244A			2531	FSL	2273	FWL	23S	34E	5	SENW
PPP Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3545926	-103.4931278	-8055	FEE	STATE			301	FSL	2334	FWL	22S	34E	32	SESW
EXIT Wellbore 00	NEW MEXICO	NEW MEXICO PRINCIPAL	LEA	32.3545926	-103.4931278	-8055	FEE	STATE			301	FSL	2334	FWL	22S	34E	32	SESW

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Aliquot/Lot/Tract	Section	Range	Township	EW-Indicator	EW-Foot	NS-Indicator	NS-Foot	Plug Type	Plug MD (ft)	Plug TVD (ft)	Lease Number	Lease Type	Elevation (MSL)	Longitude	Latitude	County	Meridian	State
NENW Lot C	32	34E	22S	FWL	232 5	FNL	122				STATE	FEE	-8055	103.4931 547	32.35508 52	LEA	NEW MEXICO PRINCIPAL	NEW MEXICO
BHL Well bore 00																		

Casing, Liner and Tubing

Casing and Liner

Amount Pulled (ft)	Other Joint	Joint	Describe Other Casing Grade	Casing Grade	Wt(lbs/ft)	Casing Size	Bottom Setting Depth (MD)	Top Setting Depth (MD)	Hole Size	Casing String Type	Wellbore Code
		BUTT		J-55	54.5	13.375	1337	0	17.5	SURFACE	00
		BUTT		L-80	45.5	10.75	5040	0	12.25	INTERMEDIATE	00
	Eagle SF	BUTT		HCP-110	29.7	7.625	10575	0	9.875	INTERMEDIATE	00
	Eagle SF	OTHER	HP-P110	OTHER	20	5.5	19251	0	6.75	PRODUCTION	00

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Cementing

Wellbore Code	Casing String Type	Stage Tool Depth	Cement Lead Type	Cement Lead Qty (sks)	Cement Lead Yield (cu.ft/sks)	Cement Lead Top (MD)	Cement Tail Type	Cement Tail Qty (sks)	Cement Tail Yield(cu.ft/sks)	Cement Tail Top (MD)	Total (Lead + Tail) Cement Slurry Volume (bbls)
00	SURFACE		Neocem	810	1.7	0	Versacem	335	1.35		325.8
00	INTERMEDIATE		Econocem	570	2.47	0	Halcem	233	1.33		305.9
00	INTERMEDIATE		Neocem	680	3.58	0	Halcem	455	1.23		533.2
00	PRODUCTION		Versacem	600	1.53	0	Versacem	875	1.22		353.6

Logs

Wellbore Code	Log Upload	Was Well Cored?	Was DST Run?	Directional Survey?	Geologic Report Completed?	Wellbore Diagram
00	YES	NO	NO	YES	NO	YES

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

Operator Certification

I hereby certify that the foregoing and attached information is complete and correct as determined from all available records. 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 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 Well Completion Reports through this system satisfies regulations requiring a submission of Form 3160-4 or a Well Completion Report.

Name: KAISER FRANCIS OIL COMPANY

Signed By: Eric Hansen

Title: Drilling Engineer

Signed on: 05/18/2021

Street Address: 6733 S. Yale Ave.

City: Tulsa

State: OK

Zip: 74121

Phone: (918)491-4339

Email address: EricH@kfoc.net

Field Representative

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Extension:

Email address:

Attachments

Bell_Lake_Unit_North__20210518141517

Bell_Lake_Unit_North__20210518141518

KFOC__BLUN_433H_pva_final_83_20210518141548.pdf

KFOC__BLUN_433H_OH_final_83_20210518141549.xlsx

BLUN_433H_WBD_20210518141615.pdf

Operator Name KAISER FRANCIS OIL COMPANY	Well Name BELL LAKE UNIT NORTH	Well Number 433H	US Well Number 3002546947
SHL NESW Lot k Sec 5 23S 34E	County LEA	State NM	Lease Number(s) NMNM0001244A, NMNM01244A, NMNM01244A
Well Type OIL WELL	Well Status Drilling Well	Agreement Name BELL LAKE	Agreement Number(s) NMNM68292X, NMNM68292X
Allottee/Tribe Name	Well Pad Name NORTH BELL LAKE UNIT	Well Pad Number 15	ID 10400048787

BELL_LAKE_UNIT_NORTH_433H_AS_DRILLED_20210518141623.pdf

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 30477

ACKNOWLEDGMENTS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 30477
	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.

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

CONDITIONS

Action 30477

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 30477
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
ksimmons	None	8/4/2021