

Well Name: BELL LAKE UNIT SOUTH	Well Location: T24S / R33E / SEC 1 / SENE / 32.246767 / -103.5216819	County or Parish/State: LEA / NM
Well Number: 106H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0063798, NMLC063798	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002548256	Well Status: Producing Oil Well	Operator: KAISER FRANCIS OIL COMPANY

Notice of Intent

Sundry ID: 1517556

Type of Submission: Notice of Intent

Type of Action: Other

Date Sundry Submitted: 03/08/2021

Time Sundry Submitted: 03:26

Date proposed operation will begin: 03/09/2021

Procedure Description: Kaiser-Francis Oil Company is requesting to move the SHL of the Bell Lake Unit South 106H. Located Sec 1-24S-33E Lea County New Mexico. No new surface disturbance is requested. Approved SHL 2576 FNL 1286 FEL 1-24S-33E Lea Co, New Mexico Proposed SHL 2549 FSL 1206 FEL 1-24S-33E Lea Co, New Mexico

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

C_102_BELL_LAKE_UNIT_SOUTH_106H_20210308152534.pdf

Well Name: BELL LAKE UNIT SOUTH	Well Location: T24S / R33E / SEC 1 / SENE / 32.246767 / -103.5216819	County or Parish/State: LEA / NM
Well Number: 106H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMLC0063798, NMLC063798	Unit or CA Name: BELL LAKE	Unit or CA Number: NMNM068292X, NMNM68292X
US Well Number: 3002548256	Well Status: Producing Oil Well	Operator: KAISER FRANCIS OIL COMPANY

Operator

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

Operator Electronic Signature: ERIC HANSEN	Signed on: MAR 08, 2021 03:26 PM
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 Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: CHRISTOPHER WALLS	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752342234	BLM POC Email Address: cwalls@blm.gov
Disposition: Approved	Disposition Date: 04/05/2021
Signature: Chris Walls	

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 30-025-48256	² Pool Code 98266	³ Pool Name Bell Lake; Wolfcamp, South
⁴ Property Code 316707	⁵ Property Name BELL LAKE UNIT SOUTH	⁶ Well Number 106H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	⁹ Elevation 3630.1

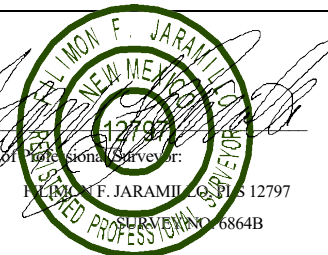
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
I	1	24 S	33 E		2549	SOUTH	1206	EAST	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
P	12	24 S	33 E		100	SOUTH	660	EAST	LEA
¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14601						

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. 1 LAT. = 32.2538616°N LONG. = 103.5345979°W NMSP EAST (FT) N = 457006.66 E = 788254.80 SW CORNER SEC. 1 LAT. = 32.2393922°N LONG. = 103.5346316°W NMSP EAST (FT) N = 451742.64 E = 788283.52 W/4 CORNER SEC. 12 LAT. = 32.2321350°N LONG. = 103.5346171°W NMSP EAST (FT) N = 449102.53 E = 788307.65 SW CORNER SEC. 12 LAT. = 32.2248558°N LONG. = 103.5346052°W NMSP EAST (FT) N = 446454.39 E = 788331.02		N89°38'51"E 2639.56 FT N89°38'51"E 2639.56 FT L3 DNF L2 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. BELL LAKE UNIT SOUTH 106H ELEV. = 3630.1' LAT. = 32.2463545°N (NAD83) LONG. = 103.5214224°W NMSP EAST (FT) N = 454306.14 E = 792348.57 S/4 CORNER SEC. 1 LAT. = 32.2393654°N LONG. = 103.5260783°W NMSP EAST (FT) N = 451752.65 E = 790928.21 S89°46'59"W 2645.28 FT S89°47'50"W 2646.60 FT S00°26'21"E 7781.96 FT BOTTOM OF HOLE LAT. = 32.2251006°N LONG. = 103.5196491°W NMSP EAST (FT) N = 446578.17 E = 792955.41 S/4 CORNER SEC. 12 LAT. = 32.2248389°N LONG. = 103.5260591°W NMSP EAST (FT) N = 446468.03 E = 790973.89 S89°42'16"W 2643.47 FT S89°42'06"W 2642.74 FT		NE CORNER SEC. 1 LAT. = 32.2538418°N LONG. = 103.5175255°W NMSP EAST (FT) N = 457039.15 E = 793532.70 FIRST TAKE POINT 2600' FSL, 660' FEL LAT. = 32.2464886°N LONG. = 103.5196573°W NMSP EAST (FT) N = 454359.06 E = 792893.92 SE CORNER SEC. 1 LAT. = 32.2393361°N LONG. = 103.5175208°W NMSP EAST (FT) N = 451762.01 E = 793574.23 E/4 CORNER SEC. 12 LAT. = 32.2320807°N LONG. = 103.5175191°W NMSP EAST (FT) N = 449122.52 E = 793594.79 SE CORNER SEC. 12 LAT. = 32.2248219°N LONG. = 103.5175153°W NMSP EAST (FT) N = 446481.79 E = 793616.04	
		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. Christina Opfer 9/27/22 Signature Date Christina Opfer Printed Name ChristinaO@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 5, 2021 Date of Survey Signature and Seal of Professional Surveyor:  Certificate Number: 12797			

Intent ☒ As Drilled ☐

API # 30-025-48256		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: BELL LAKE UNIT SOUTH	Well Number 106H

Kick Off Point (KOP)

UL I	Section 1	Township 24S	Range 33E	Lot	Feet 2549	From N/S SOUTH	Feet 1206	From E/W EAST	County LEA
Latitude 32.2463545					Longitude 103.5214224			NAD 83	

First Take Point (FTP)

UL I	Section 1	Township 24S	Range 33E	Lot	Feet 2600	From N/S SOUTH	Feet 660	From E/W EAST	County LEA
Latitude 32.2464886					Longitude 103.5196573			NAD 83	

Last Take Point (LTP)

UL P	Section 12	Township 24S	Range 33E	Lot	Feet 100	From N/S SOUTH	Feet 660	From E/W EAST	County LEA
Latitude 32.2251006					Longitude 103.5196491			NAD 83	

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

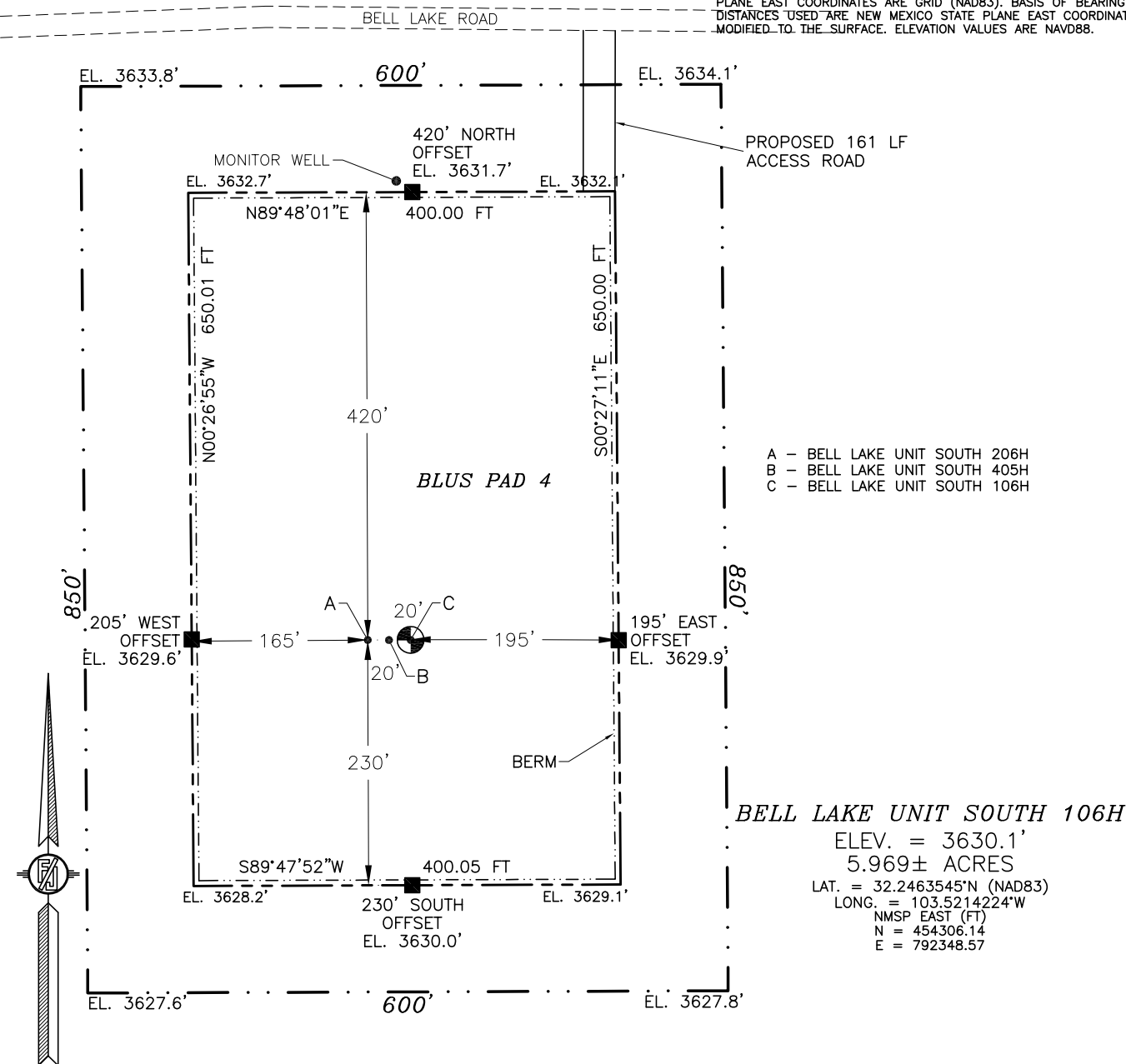
If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API # 30-025-48206		
Operator Name: Kaiser-Francis Oil Company	Property Name: Bell Lake Unit South	Well Number 404H

KZ 06/29/2018

SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP

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. ELEVATION VALUES ARE NAVD88.



015 75 150 300
SCALE 1" = 150'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 AND CR 21 (DELAWARE BASIN) TURN RIGHT AND GO NORTH ON CR 21 APPROX. 2.6 MILES TO BELL LAKE ROAD. TURN LEFT AND GO WEST ON BELL LAKE ROAD APPROX. 0.6 OF A MILE TO PROPOSED ACCESS ROAD. FOLLOW ACCESS ROAD LEFT (SOUTH) 161' THE THE NORTHEAST PAD CORNER FOR THIS LOCATION

I, FILIMON F. JARAMILLO, A NEW MEXICO LICENSED PROFESSIONAL SURVEYOR CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY WAS CONDUCTED TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I HAVE MET THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILIMON F. JARAMILLO, EL. 1279

MADISON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

KAISER-FRANCIS OIL CO.

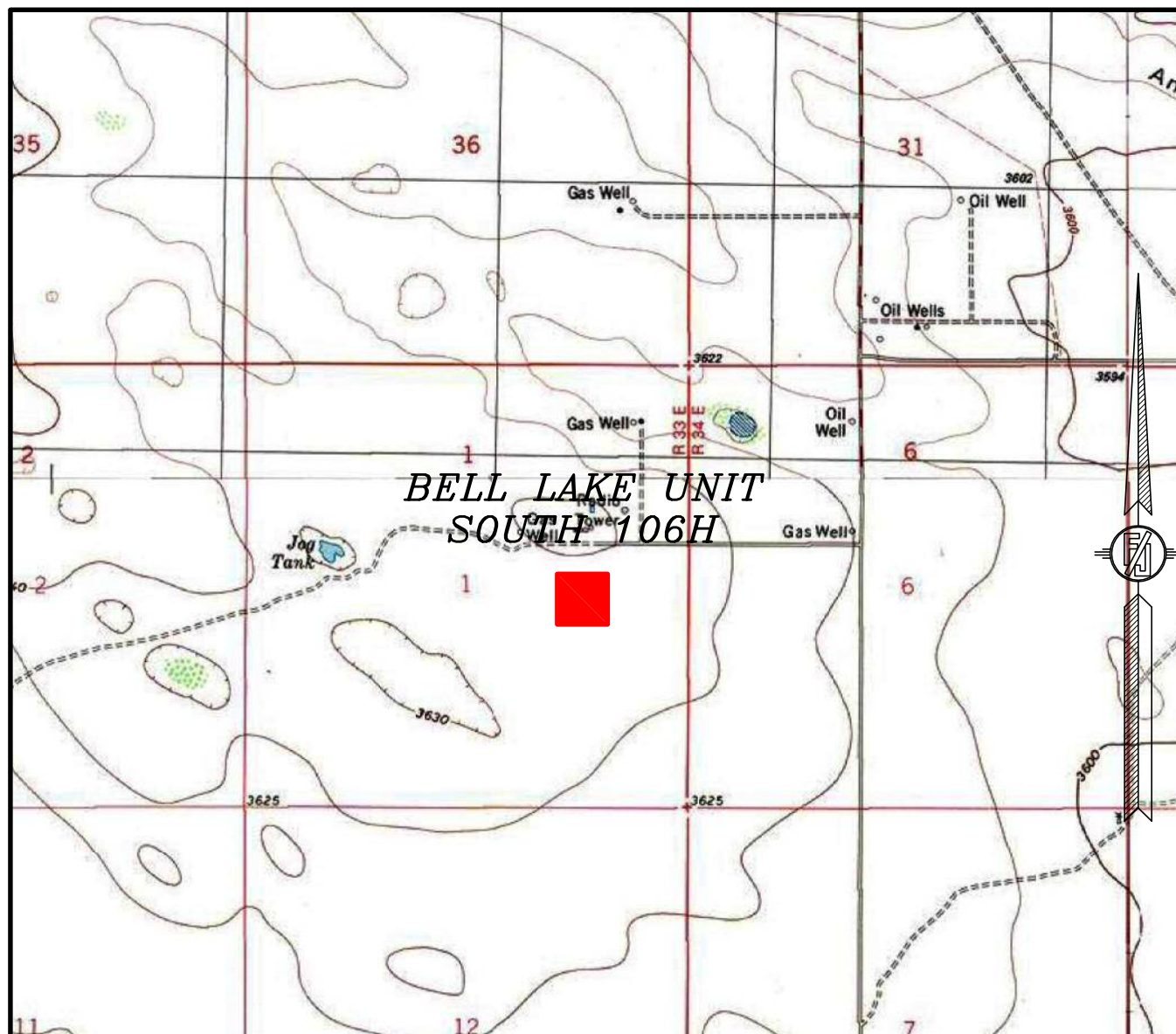
BELL LAKE UNIT SOUTH 106H

LOCATED 2549 FT. FROM THE SOUTH LINE
AND 1206 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

FEBRUARY 5, 2021

SURVEY NO. 6864B

SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
BELL LAKE

NOT TO SCALE

KAISER-FRANCIS OIL CO.
BELL LAKE UNIT SOUTH 106H
LOCATED 2549 FT. FROM THE SOUTH LINE
AND 1206 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

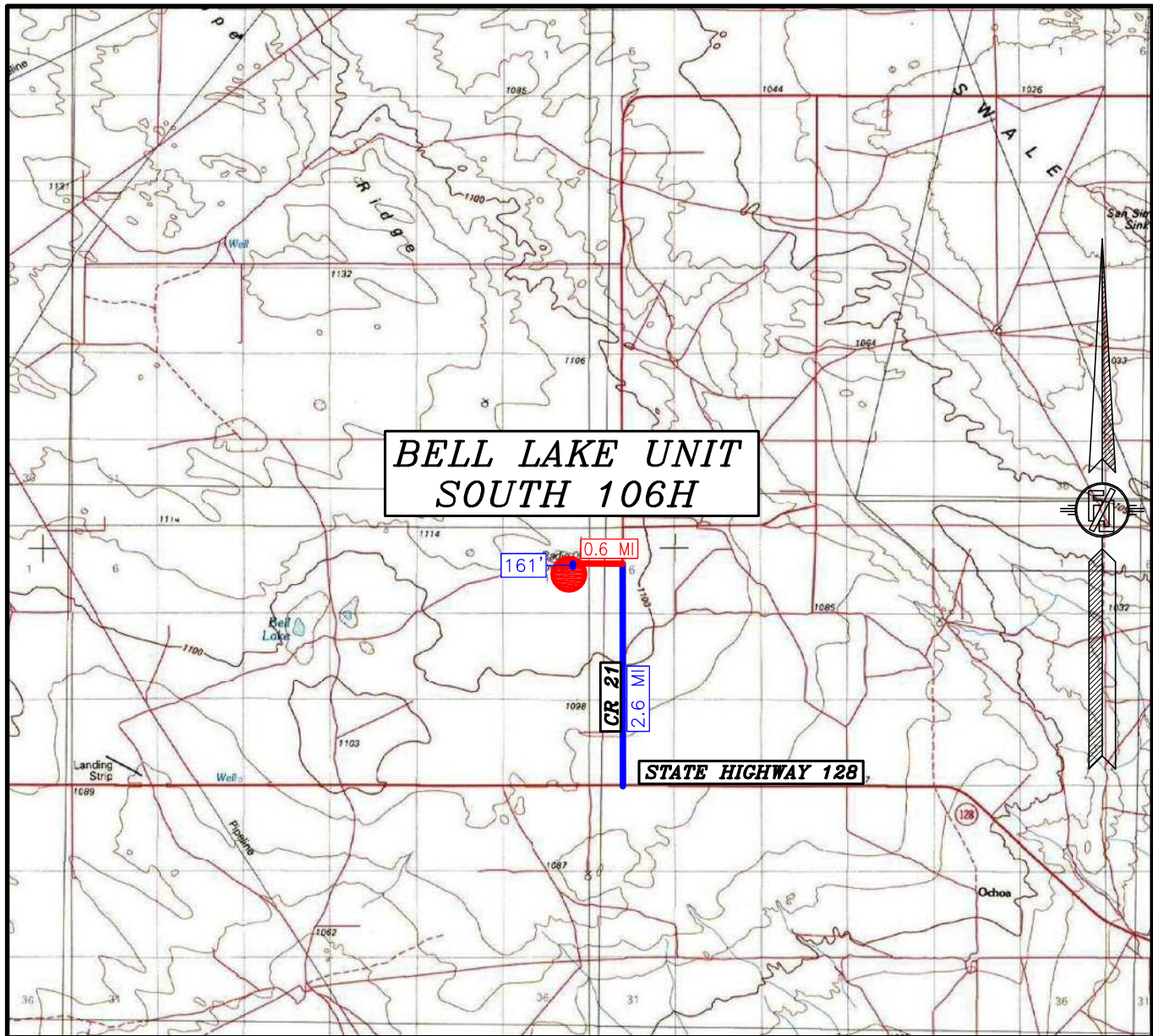
FEBRUARY 5, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 6864B
CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 AND CR 21 (DELAWARE BASIN) TURN RIGHT AND GO NORTH ON CR 21 APPROX. 2.6 MILES TO BELL LAKE ROAD. TURN LEFT AND GO WEST ON BELL LAKE ROAD APPROX. 0.6 OF A MILE TO PROPOSED ACCESS ROAD. FOLLOW ACCESS ROAD LEFT (SOUTH) 161' THE THE NORTHEAST PAD CORNER FOR THIS LOCATION.

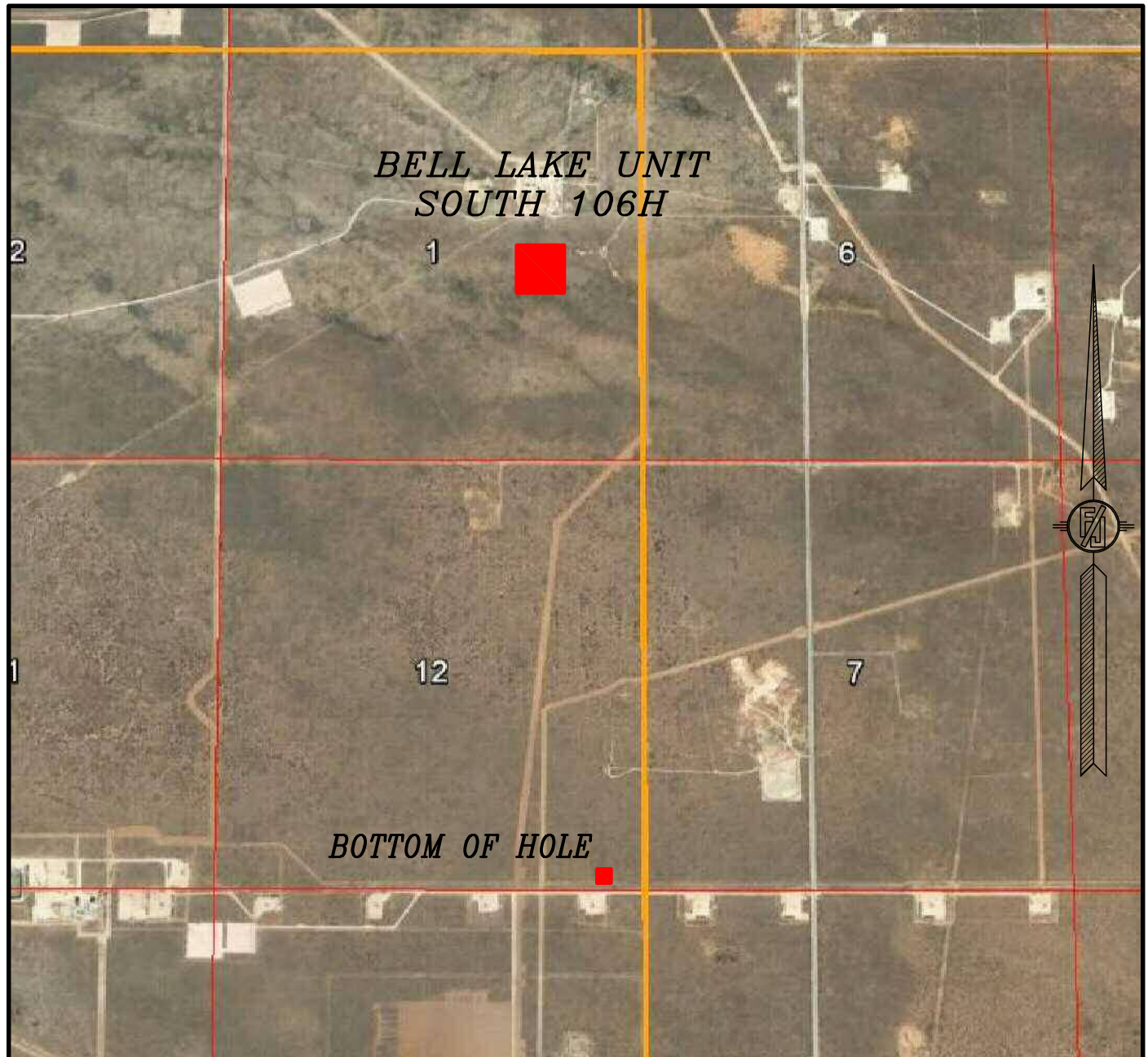
KAISER-FRANCIS OIL CO.
BELL LAKE UNIT SOUTH 106H
LOCATED 2549 FT. FROM THE SOUTH LINE
AND 1206 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

FEBRUARY 5, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341SURVEY NO. 6864B
CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOVEMBER 2017

KAISER-FRANCIS OIL CO.
BELL LAKE UNIT SOUTH 106H
LOCATED 2549 FT. FROM THE SOUTH LINE
AND 1206 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

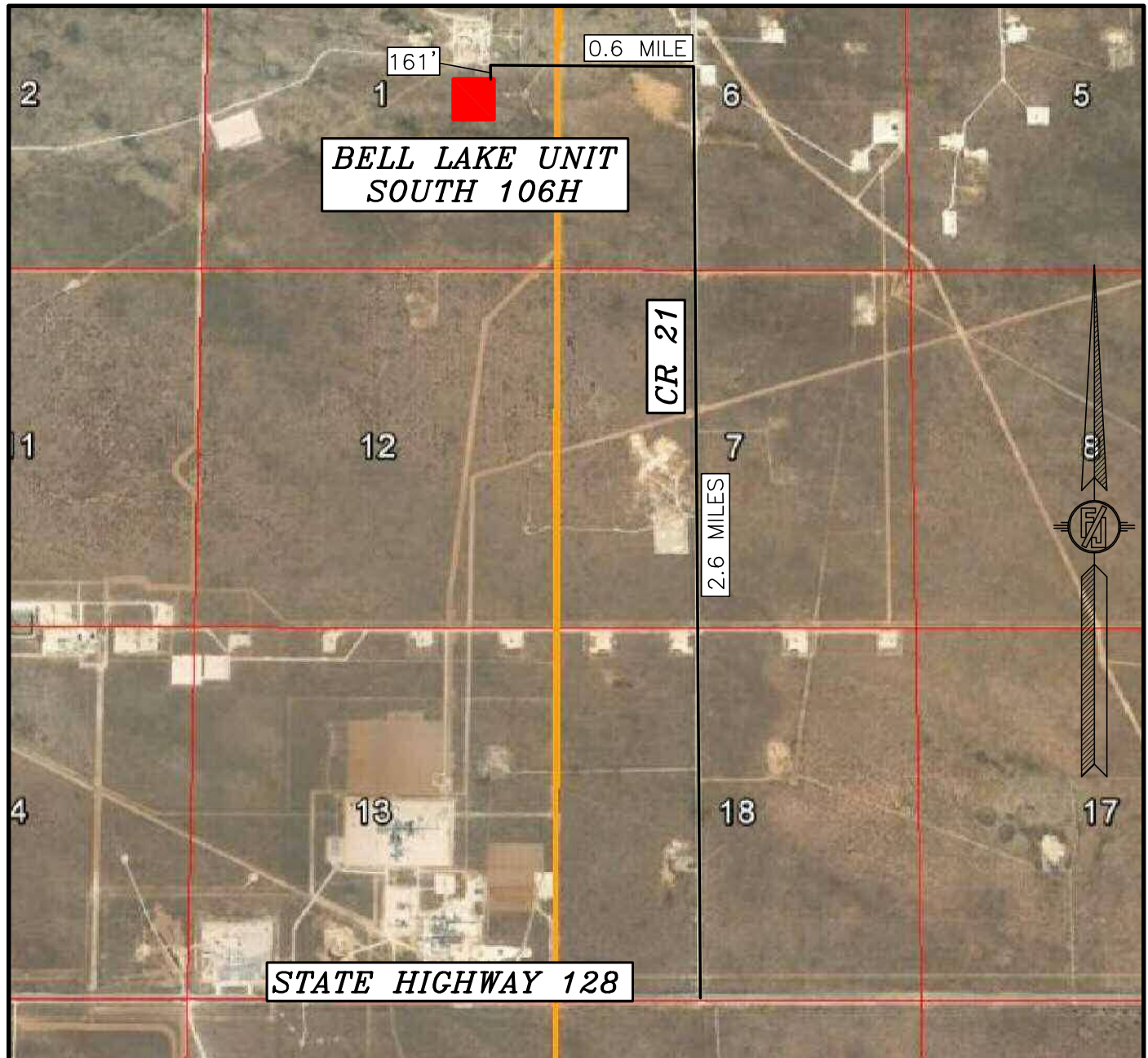
FEBRUARY 5, 2021

SURVEY NO. 6864B

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
ACCESS AERIAL ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOVEMBER 2017

KAISER-FRANCIS OIL CO.
BELL LAKE UNIT SOUTH 106H
LOCATED 2549 FT. FROM THE SOUTH LINE
AND 1206 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

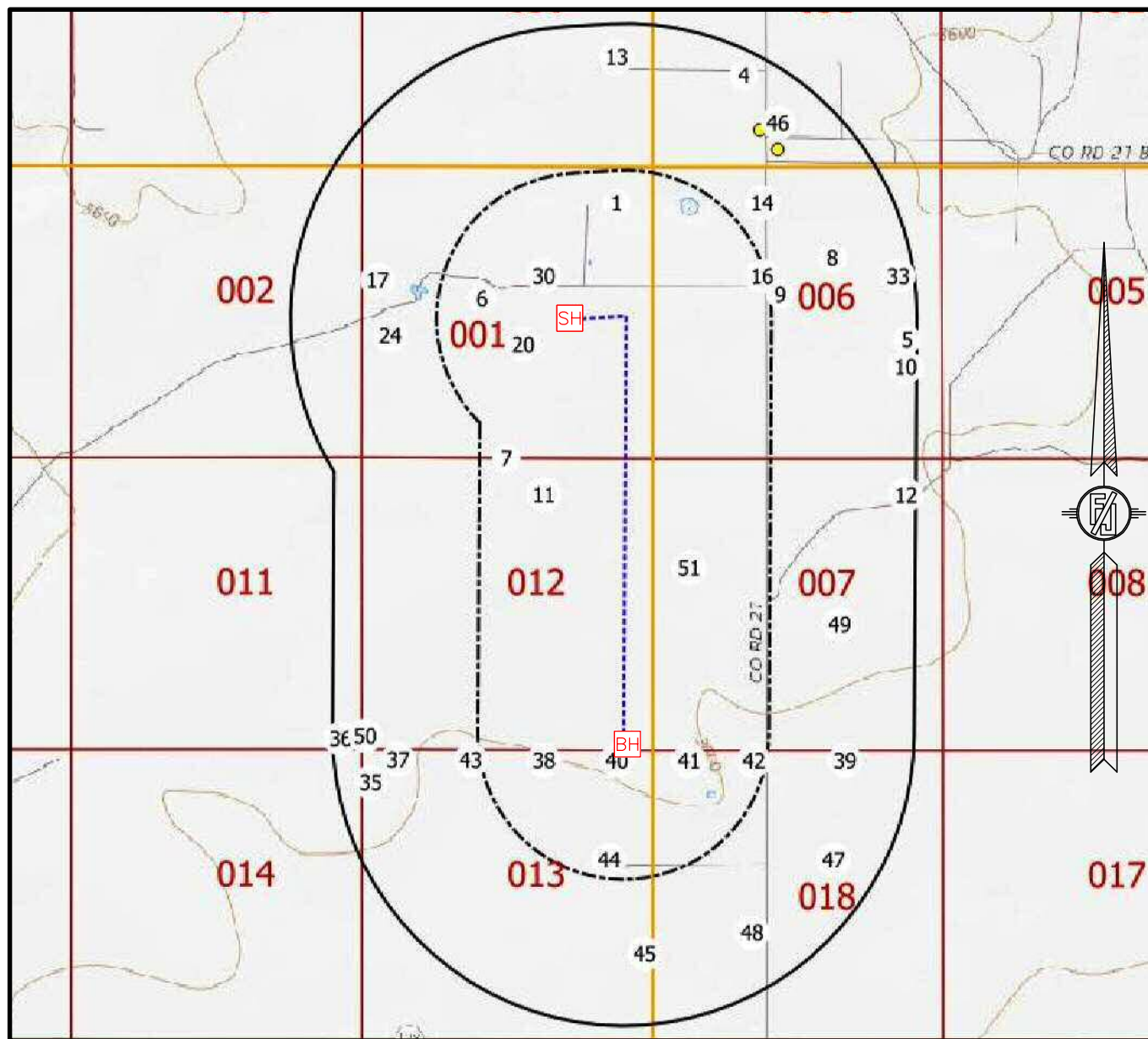
FEBRUARY 5, 2021

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 6864B
CARLSBAD, NEW MEXICO

1-MILE MAP



NOT TO SCALE

[SH] SURFACE LOCATION

[BH] BOTTOM OF HOLE

[XX] WELLS WITHIN 1 MILE

--- WELL PATH

- - - - - 1/4 MILE BOUNDARY

———— 1-MILE BOUNDARY

KAISER-FRANCIS OIL CO.
BELL LAKE UNIT SOUTH 106H
 LOCATED 2549 FT. FROM THE SOUTH LINE
 AND 1206 FT. FROM THE EAST LINE OF
 SECTION 1, TOWNSHIP 24 SOUTH,
 RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

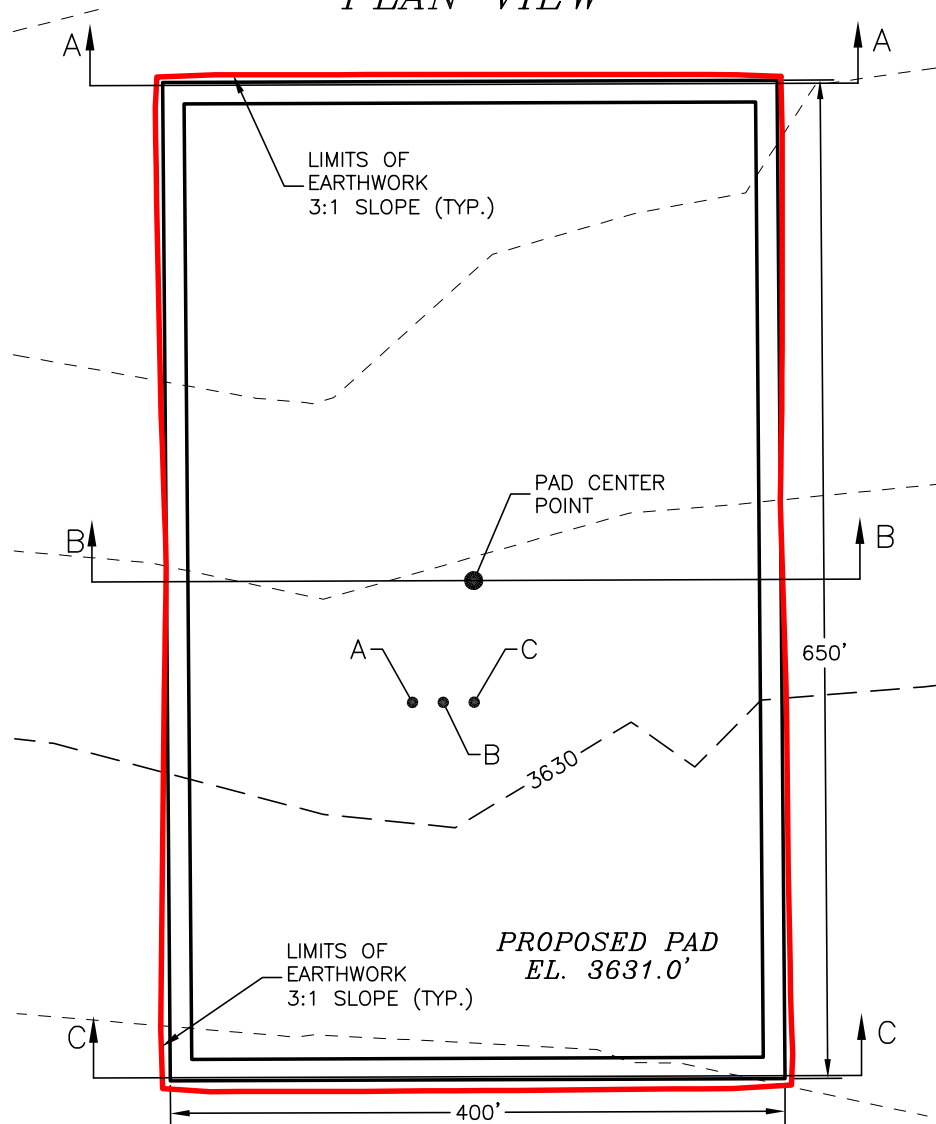
FEBRUARY 5, 2021

SURVEY NO. 6864B

MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

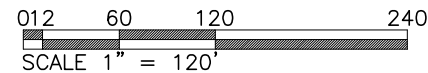
CARLSBAD, NEW MEXICO

PLAN VIEW



I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS OF SURVEYING IN NEW MEXICO.

KAISER-FRANCIS OIL CO.
GRADING PLAN AND CROSS SECTIONS
FOR BELL LAKE UNIT SOUTH 106H
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO



CUT	FILL	NET
3649 CU. YD	6535 CU. YD	2886 CU. YD (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

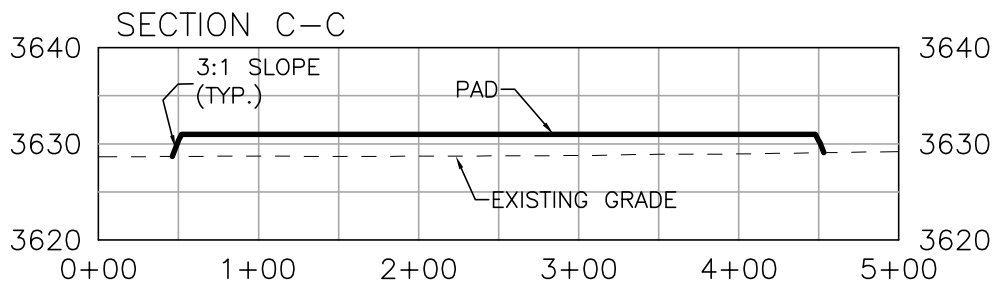
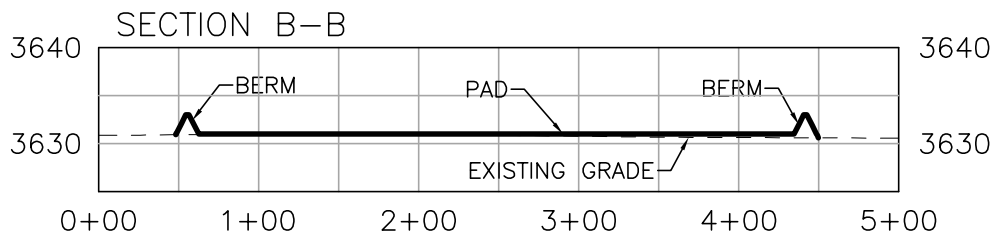
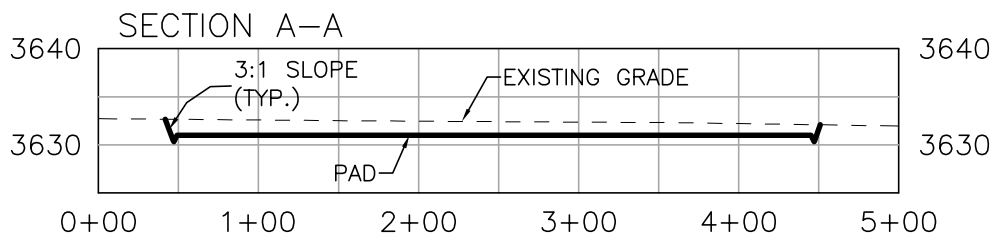
FILIMON F. JARAMILLO 12797

FEBRUARY 5, 2021

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO
(575) 234-3341

SHEET 1-2
SURVEY NO. 6864B

CROSS SECTIONS



I, FILIMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I DIRECTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT, THE BEST OF MY KNOWLEDGE AND BELIEF, AND THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS OF SURVEYING IN NEW MEXICO.

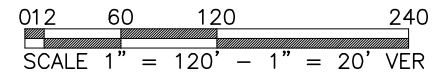
FILIMON F. JARAMILLO 16877997

KAISER-FRANCIS OIL CO.
GRADING PLAN AND CROSS SECTIONS
FOR BELL LAKE UNIT SOUTH 106H
SECTION 1, TOWNSHIP 24 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

FEBRUARY 5, 2021

301 SOUTH CANAL
(575) 234-3341

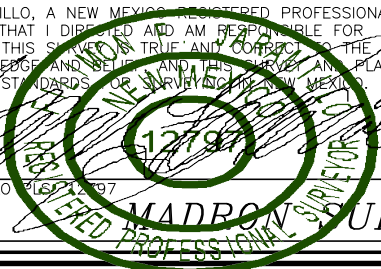
CARLSBAD, NEW MEXICO



CUT	FILL	NET
3649 CU. YD	6535 CU. YD	2886 CU. YD (FILL)

EARTHWORK QUANTITIES ARE ESTIMATED

SHEET 2-2
SURVEY NO. 6864B

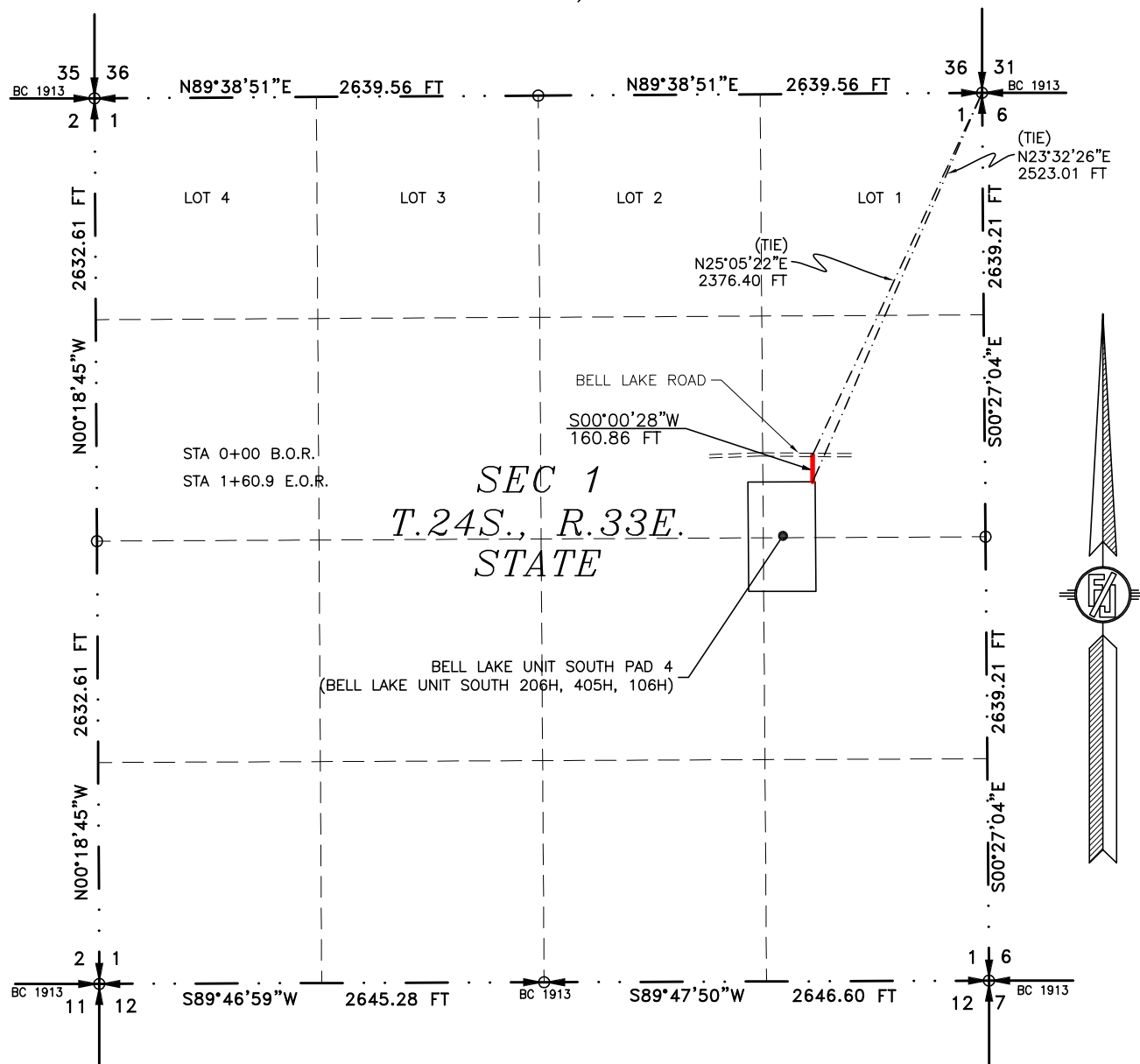


ACCESS ROAD PLAT

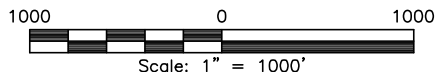
ACCESS ROAD TO THE BELL LAKE UNIT SOUTH PAD 4 (BELL LAKE UNIT SOUTH 206H, 405H, 106H)

KAISER-FRANCIS OIL CO.

**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
FEBRUARY 5, 2021**



SEE NEXT SHEET (2-2) FOR DESCRIPTION

**GENERAL NOTES**

- 1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.
- 2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 1-2

MADRON SURVEYING, INC.

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 18TH DAY OF FEBRUARY 2021.

FILIMON F. JARAMILLO
NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797

MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

SURVEY NO. 6864B

CARLSBAD, NEW MEXICO

ACCESS ROAD PLAT

ACCESS ROAD TO THE BELL LAKE UNIT SOUTH PAD 4 (BELL LAKE UNIT SOUTH 206H, 405H, 106H)

**KAISER-FRANCIS OIL CO.
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
FEBRUARY 5, 2021**

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N25°05'22"E, A DISTANCE OF 2376.40 FEET;

THENCE S00°00'28"W A DISTANCE OF 160.86 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N23°32'26"E, A DISTANCE OF 2523.01 FEET;

SAID STRIP OF LAND BEING 160.86 FEET OR 9.75 RODS IN LENGTH, CONTAINING 0.111 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

SE/4 NE/4 160.86 L.F. 9.75 RODS 0.111 ACRES

SURVEYOR CERTIFICATE

I, FILIMON F. JARAMILLO, A NEW MEXICO PROFESSIONAL SURVEYOR NO. 12797, HEREBY CERTIFY THAT I HAVE CONDUCTED AND AM RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF, AND THAT THIS SURVEY AND PLAT MEET THE MINIMUM STANDARDS FOR LAND SURVEYING IN THE STATE OF NEW MEXICO.

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 08 JAN OF FEBRUARY 2021.

FILIMON F. JARAMILLO
12797
MADRON SURVEYING, INC.
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
Phone (575) 234-3341

GENERAL NOTES

1.) THE INTENT OF THIS ROUTE SURVEY IS TO ACQUIRE AN EASEMENT.

2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

SHEET: 2-2

MADRON SURVEYING, INC. 301 SOUTH CANAL CARLSBAD, NEW MEXICO

SURVEY NO. 6864B



KAISER FRANCIS OIL CO.

LEA COUNTY, N.M. 27

SEC 1-T24S-R33E

BELL LAKE UNIT S. 106H

HORIZONTAL

Plan: PLAN 2

Standard Planning Report

29 April, 2021

Kaiser-Francis Oil Company



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 106H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23 @ 3653.10usft (CAC 166)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23 @ 3653.10usft (CAC 166)
Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Project	LEA COUNTY, N.M. 27		
Map System:	US State Plane 1927 (Exact solution)	System Datum:	Mean Sea Level
Geo Datum:	NAD 1927 (NADCON CONUS)		
Map Zone:	New Mexico East 3001		

Site	SEC 1-T24S-R33E				
Site Position:		Northing:	453,534.52 usft	Latitude:	32.24430
From:	Map	Easting:	750,061.29 usft	Longitude:	-103.52453
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "	Grid Convergence:	0.43 °

Well	BELL LAKE UNIT S. 106H					
Well Position	+N/-S	712.64 usft	Northing:	454,247.16 usft	Latitude:	32.24623
	+E/-W	1,103.42 usft	Easting:	751,164.71 usft	Longitude:	-103.52095
Position Uncertainty		0.00 usft	Wellhead Elevation:	3,630.10 usft	Ground Level:	3,630.10 usft

Wellbore	HORIZONTAL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	04/22/22	6.42	59.90	47,421.52298417

Design	PLAN 2				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	180.00	

Plan Survey Tool Program	Date	04/29/21			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	0.00	19,826.08	PLAN 2 (HORIZONTAL)	MWD	
			OWSG MWD - Standard		



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

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Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Plan Sections										
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)	TFO (°)	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,100.00	10.00	67.89	2,097.47	16.38	40.32	2.00	2.00	0.00	67.89	
8,113.00	10.00	67.89	8,019.11	409.33	1,007.71	0.00	0.00	0.00	0.00	
8,779.67	0.00	0.00	8,682.40	431.17	1,061.47	1.50	-1.50	0.00	180.00	
11,371.47	0.00	0.00	11,274.20	431.17	1,061.47	0.00	0.00	0.00	0.00	KOP 106H
12,082.30	85.30	179.54	11,750.06	-7.16	1,064.99	12.00	12.00	0.00	179.54	PBHL 106H
12,569.80	85.30	179.54	11,790.00	-493.00	1,068.90	0.00	0.00	0.00	0.00	
12,826.30	80.17	179.54	11,822.43	-747.35	1,070.94	2.00	-2.00	0.00	179.99	
13,075.62	80.17	179.54	11,865.00	-993.00	1,072.92	0.00	0.00	0.00	0.00	
13,179.12	82.24	179.54	11,880.82	-1,095.27	1,073.74	2.00	2.00	0.00	0.00	
13,580.53	82.24	179.54	11,935.02	-1,493.00	1,076.93	0.00	0.00	0.00	0.00	
13,616.53	82.60	179.54	11,939.77	-1,528.68	1,077.22	1.00	1.00	0.00	0.00	
14,084.76	82.60	179.54	12,000.07	-1,993.00	1,080.94	0.00	0.00	0.00	0.00	
14,580.76	95.00	179.54	12,010.44	-2,487.91	1,084.92	2.50	2.50	0.00	0.00	
14,585.87	95.00	179.54	12,010.00	-2,493.00	1,084.96	0.00	0.00	0.00	0.00	
15,075.87	85.20	179.54	12,009.14	-2,982.39	1,088.89	2.00	-2.00	0.00	180.00	
15,086.52	85.20	179.54	12,010.03	-2,993.00	1,088.97	0.00	0.00	0.00	0.00	
15,576.52	95.00	179.54	12,009.18	-3,482.39	1,092.90	2.00	2.00	0.00	0.00	
15,587.18	95.00	179.54	12,008.25	-3,493.00	1,092.99	0.00	0.00	0.00	0.00	
15,871.18	89.32	179.54	11,997.55	-3,776.67	1,095.26	2.00	-2.00	0.00	180.00	
16,087.53	89.32	179.54	12,000.12	-3,993.00	1,097.00	0.00	0.00	0.00	0.00	
16,111.03	88.85	179.54	12,000.49	-4,016.50	1,097.19	2.00	-2.00	0.00	180.00	
16,587.64	88.85	179.54	12,010.06	-4,493.00	1,101.02	0.00	0.00	0.00	0.00	
16,648.64	87.63	179.54	12,011.93	-4,553.97	1,101.51	2.00	-2.00	0.00	180.00	
17,088.07	87.63	179.54	12,030.10	-4,993.00	1,105.03	0.00	0.00	0.00	0.00	
17,091.57	87.70	179.54	12,030.25	-4,996.50	1,105.06	2.00	2.00	0.00	0.00	
17,588.48	87.70	179.54	12,050.19	-5,493.00	1,109.04	0.00	0.00	0.00	0.00	
17,616.48	87.14	179.54	12,051.45	-5,520.97	1,109.27	2.00	-2.00	0.00	180.00	
18,089.12	87.14	179.54	12,075.03	-5,993.00	1,113.06	0.00	0.00	0.00	0.00	
18,151.12	85.90	179.54	12,078.80	-6,054.88	1,113.56	2.00	-2.00	0.00	180.00	
18,590.37	85.90	179.54	12,110.20	-6,493.00	1,117.07	0.00	0.00	0.00	0.00	
19,080.37	95.70	179.54	12,103.37	-6,982.34	1,121.00	2.00	2.00	0.00	0.00	
19,091.09	95.70	179.54	12,102.30	-6,993.00	1,121.09	0.00	0.00	0.00	0.00	
19,326.99	90.98	179.53	12,088.56	-7,228.43	1,122.99	2.00	-2.00	0.00	-179.92	
19,826.43	90.98	179.53	12,080.00	-7,727.78	1,127.06	0.00	0.00	0.00	0.00	PBHL 106H



SB Directional Services

Planning Report

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Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Planned 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
100.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00	0.00	0.00
200.00	0.00	0.00	200.00	0.00	0.00	0.00	0.00	0.00	0.00
300.00	0.00	0.00	300.00	0.00	0.00	0.00	0.00	0.00	0.00
400.00	0.00	0.00	400.00	0.00	0.00	0.00	0.00	0.00	0.00
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00	0.00
600.00	0.00	0.00	600.00	0.00	0.00	0.00	0.00	0.00	0.00
700.00	0.00	0.00	700.00	0.00	0.00	0.00	0.00	0.00	0.00
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00
900.00	0.00	0.00	900.00	0.00	0.00	0.00	0.00	0.00	0.00
1,000.00	0.00	0.00	1,000.00	0.00	0.00	0.00	0.00	0.00	0.00
1,100.00	0.00	0.00	1,100.00	0.00	0.00	0.00	0.00	0.00	0.00
1,200.00	0.00	0.00	1,200.00	0.00	0.00	0.00	0.00	0.00	0.00
1,300.00	0.00	0.00	1,300.00	0.00	0.00	0.00	0.00	0.00	0.00
1,400.00	0.00	0.00	1,400.00	0.00	0.00	0.00	0.00	0.00	0.00
Rustler									
1,500.00	0.00	0.00	1,500.00	0.00	0.00	0.00	0.00	0.00	0.00
1,600.00	0.00	0.00	1,600.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Nudge 2°/100' DLS									
1,700.00	2.00	67.89	1,699.98	0.66	1.62	-0.66	2.00	2.00	0.00
1,800.00	4.00	67.89	1,799.84	2.63	6.47	-2.63	2.00	2.00	0.00
1,800.16	4.00	67.89	1,800.00	2.63	6.48	-2.63	0.00	0.00	0.00
Salado									
1,900.00	6.00	67.89	1,899.45	5.91	14.54	-5.91	2.00	2.00	0.00
2,000.00	8.00	67.89	1,998.70	10.49	25.83	-10.49	2.00	2.00	0.00
2,100.00	10.00	67.89	2,097.47	16.38	40.32	-16.38	2.00	2.00	0.00
Hold 10° Inc									
2,127.96	10.00	67.89	2,125.00	18.21	44.82	-18.21	0.00	0.00	0.00
Salt Top									
2,200.00	10.00	67.89	2,195.95	22.91	56.41	-22.91	0.00	0.00	0.00
2,300.00	10.00	67.89	2,294.43	29.45	72.50	-29.45	0.00	0.00	0.00
2,400.00	10.00	67.89	2,392.91	35.98	88.59	-35.98	0.00	0.00	0.00
2,500.00	10.00	67.89	2,491.39	42.52	104.68	-42.52	0.00	0.00	0.00
2,600.00	10.00	67.89	2,589.87	49.05	120.76	-49.05	0.00	0.00	0.00
2,700.00	10.00	67.89	2,688.35	55.59	136.85	-55.59	0.00	0.00	0.00
2,800.00	10.00	67.89	2,786.83	62.12	152.94	-62.12	0.00	0.00	0.00
2,900.00	10.00	67.89	2,885.31	68.66	169.03	-68.66	0.00	0.00	0.00
3,000.00	10.00	67.89	2,983.79	75.19	185.12	-75.19	0.00	0.00	0.00
3,100.00	10.00	67.89	3,082.27	81.73	201.20	-81.73	0.00	0.00	0.00
3,200.00	10.00	67.89	3,180.75	88.26	217.29	-88.26	0.00	0.00	0.00
3,300.00	10.00	67.89	3,279.23	94.80	233.38	-94.80	0.00	0.00	0.00
3,400.00	10.00	67.89	3,377.72	101.33	249.47	-101.33	0.00	0.00	0.00
3,500.00	10.00	67.89	3,476.20	107.87	265.56	-107.87	0.00	0.00	0.00
3,600.00	10.00	67.89	3,574.68	114.40	281.65	-114.40	0.00	0.00	0.00
3,700.00	10.00	67.89	3,673.16	120.94	297.73	-120.94	0.00	0.00	0.00
3,800.00	10.00	67.89	3,771.64	127.47	313.82	-127.47	0.00	0.00	0.00
3,900.00	10.00	67.89	3,870.12	134.01	329.91	-134.01	0.00	0.00	0.00
4,000.00	10.00	67.89	3,968.60	140.54	346.00	-140.54	0.00	0.00	0.00
4,100.00	10.00	67.89	4,067.08	147.08	362.09	-147.08	0.00	0.00	0.00
4,200.00	10.00	67.89	4,165.56	153.62	378.18	-153.62	0.00	0.00	0.00
4,300.00	10.00	67.89	4,264.04	160.15	394.26	-160.15	0.00	0.00	0.00
4,400.00	10.00	67.89	4,362.52	166.69	410.35	-166.69	0.00	0.00	0.00
4,500.00	10.00	67.89	4,461.00	173.22	426.44	-173.22	0.00	0.00	0.00
4,600.00	10.00	67.89	4,559.48	179.76	442.53	-179.76	0.00	0.00	0.00



SB Directional Services

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Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Planned 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)
4,700.00	10.00	67.89	4,657.97	186.29	458.62	-186.29	0.00	0.00	0.00
4,800.00	10.00	67.89	4,756.45	192.83	474.70	-192.83	0.00	0.00	0.00
4,900.00	10.00	67.89	4,854.93	199.36	490.79	-199.36	0.00	0.00	0.00
5,000.00	10.00	67.89	4,953.41	205.90	506.88	-205.90	0.00	0.00	0.00
5,100.00	10.00	67.89	5,051.89	212.43	522.97	-212.43	0.00	0.00	0.00
5,148.85	10.00	67.89	5,100.00	215.62	530.83	-215.62	0.00	0.00	0.00
Salt Base									
5,200.00	10.00	67.89	5,150.37	218.97	539.06	-218.97	0.00	0.00	0.00
5,300.00	10.00	67.89	5,248.85	225.50	555.15	-225.50	0.00	0.00	0.00
5,326.55	10.00	67.89	5,275.00	227.24	559.42	-227.24	0.00	0.00	0.00
Lamar									
5,400.00	10.00	67.89	5,347.33	232.04	571.23	-232.04	0.00	0.00	0.00
5,402.71	10.00	67.89	5,350.00	232.21	571.67	-232.21	0.00	0.00	0.00
Bell Canyon									
5,500.00	10.00	67.89	5,445.81	238.57	587.32	-238.57	0.00	0.00	0.00
5,600.00	10.00	67.89	5,544.29	245.11	603.41	-245.11	0.00	0.00	0.00
5,700.00	10.00	67.89	5,642.77	251.64	619.50	-251.64	0.00	0.00	0.00
5,800.00	10.00	67.89	5,741.25	258.18	635.59	-258.18	0.00	0.00	0.00
5,900.00	10.00	67.89	5,839.73	264.71	651.67	-264.71	0.00	0.00	0.00
6,000.00	10.00	67.89	5,938.22	271.25	667.76	-271.25	0.00	0.00	0.00
6,100.00	10.00	67.89	6,036.70	277.78	683.85	-277.78	0.00	0.00	0.00
6,200.00	10.00	67.89	6,135.18	284.32	699.94	-284.32	0.00	0.00	0.00
6,291.21	10.00	67.89	6,225.00	290.28	714.61	-290.28	0.00	0.00	0.00
Cherry Canyon									
6,300.00	10.00	67.89	6,233.66	290.85	716.03	-290.85	0.00	0.00	0.00
6,400.00	10.00	67.89	6,332.14	297.39	732.12	-297.39	0.00	0.00	0.00
6,500.00	10.00	67.89	6,430.62	303.92	748.20	-303.92	0.00	0.00	0.00
6,600.00	10.00	67.89	6,529.10	310.46	764.29	-310.46	0.00	0.00	0.00
6,700.00	10.00	67.89	6,627.58	316.99	780.38	-316.99	0.00	0.00	0.00
6,800.00	10.00	67.89	6,726.06	323.53	796.47	-323.53	0.00	0.00	0.00
6,900.00	10.00	67.89	6,824.54	330.06	812.56	-330.06	0.00	0.00	0.00
7,000.00	10.00	67.89	6,923.02	336.60	828.64	-336.60	0.00	0.00	0.00
7,100.00	10.00	67.89	7,021.50	343.13	844.73	-343.13	0.00	0.00	0.00
7,200.00	10.00	67.89	7,119.99	349.67	860.82	-349.67	0.00	0.00	0.00
7,300.00	10.00	67.89	7,218.47	356.20	876.91	-356.20	0.00	0.00	0.00
7,400.00	10.00	67.89	7,316.95	362.74	893.00	-362.74	0.00	0.00	0.00
7,500.00	10.00	67.89	7,415.43	369.27	909.09	-369.27	0.00	0.00	0.00
7,600.00	10.00	67.89	7,513.91	375.81	925.17	-375.81	0.00	0.00	0.00
7,700.00	10.00	67.89	7,612.39	382.34	941.26	-382.34	0.00	0.00	0.00
7,788.96	10.00	67.89	7,700.00	388.16	955.57	-388.16	0.00	0.00	0.00
Brushy Canyon									
7,800.00	10.00	67.89	7,710.87	388.88	957.35	-388.88	0.00	0.00	0.00
7,900.00	10.00	67.89	7,809.35	395.41	973.44	-395.41	0.00	0.00	0.00
8,000.00	10.00	67.89	7,907.83	401.95	989.53	-401.95	0.00	0.00	0.00
8,100.00	10.00	67.89	8,006.31	408.48	1,005.61	-408.48	0.00	0.00	0.00
8,113.00	10.00	67.89	8,019.11	409.33	1,007.71	-409.33	0.00	0.00	0.00
Start Drop 1.5°/100' DLS									
8,200.00	8.69	67.89	8,104.96	414.65	1,020.80	-414.65	1.50	-1.50	0.00
8,300.00	7.19	67.89	8,203.99	419.85	1,033.60	-419.85	1.50	-1.50	0.00
8,400.00	5.69	67.89	8,303.36	424.07	1,044.00	-424.07	1.50	-1.50	0.00
8,500.00	4.19	67.89	8,402.98	427.32	1,051.99	-427.32	1.50	-1.50	0.00
8,600.00	2.69	67.89	8,502.80	429.58	1,057.56	-429.58	1.50	-1.50	0.00
8,700.00	1.19	67.89	8,602.74	430.86	1,060.70	-430.86	1.50	-1.50	0.00



SB Directional Services

Planning Report

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Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Planned 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)
8,779.67	0.00	0.00	8,682.41	431.17	1,061.47	-431.17	1.50	-1.50	0.00
Hold 0° Inc									
8,800.00	0.00	0.00	8,702.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
8,897.27	0.00	0.00	8,800.00	431.17	1,061.47	-431.17	0.00	0.00	0.00
Bone Spring									
8,900.00	0.00	0.00	8,802.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,000.00	0.00	0.00	8,902.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,070.27	0.00	0.00	8,973.00	431.17	1,061.47	-431.17	0.00	0.00	0.00
Avalon									
9,100.00	0.00	0.00	9,002.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,200.00	0.00	0.00	9,102.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,300.00	0.00	0.00	9,202.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,400.00	0.00	0.00	9,302.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,500.00	0.00	0.00	9,402.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,600.00	0.00	0.00	9,502.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,700.00	0.00	0.00	9,602.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,800.00	0.00	0.00	9,702.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,900.00	0.00	0.00	9,802.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
9,997.27	0.00	0.00	9,900.00	431.17	1,061.47	-431.17	0.00	0.00	0.00
1 BSS									
10,000.00	0.00	0.00	9,902.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,100.00	0.00	0.00	10,002.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,200.00	0.00	0.00	10,102.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,300.00	0.00	0.00	10,202.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,400.00	0.00	0.00	10,302.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,500.00	0.00	0.00	10,402.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,582.27	0.00	0.00	10,485.00	431.17	1,061.47	-431.17	0.00	0.00	0.00
2 BSS									
10,600.00	0.00	0.00	10,502.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,700.00	0.00	0.00	10,602.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,800.00	0.00	0.00	10,702.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
10,900.00	0.00	0.00	10,802.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
11,000.00	0.00	0.00	10,902.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
11,057.27	0.00	0.00	10,960.00	431.17	1,061.47	-431.17	0.00	0.00	0.00
3 BSL									
11,100.00	0.00	0.00	11,002.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
11,200.00	0.00	0.00	11,102.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
11,300.00	0.00	0.00	11,202.74	431.17	1,061.47	-431.17	0.00	0.00	0.00
11,367.27	0.00	0.00	11,270.00	431.17	1,061.47	-431.17	0.00	0.00	0.00
3 BSS									
11,371.47	0.00	0.00	11,274.21	431.17	1,061.47	-431.17	0.00	0.00	0.00
KOP 12°/100' DLS									
11,375.00	0.42	179.54	11,277.74	431.16	1,061.47	-431.16	12.02	12.02	0.00
11,400.00	3.42	179.54	11,302.72	430.32	1,061.48	-430.32	12.00	12.00	0.00
11,425.00	6.42	179.54	11,327.62	428.17	1,061.49	-428.17	12.00	12.00	0.00
11,450.00	9.42	179.54	11,352.38	424.73	1,061.52	-424.73	12.00	12.00	0.00
11,475.00	12.42	179.54	11,376.93	419.99	1,061.56	-419.99	12.00	12.00	0.00
11,500.00	15.42	179.54	11,401.19	413.97	1,061.61	-413.97	12.00	12.00	0.00
11,525.00	18.42	179.54	11,425.10	406.70	1,061.67	-406.70	12.00	12.00	0.00
11,550.00	21.42	179.54	11,448.60	398.18	1,061.74	-398.18	12.00	12.00	0.00
11,575.00	24.42	179.54	11,471.63	388.44	1,061.81	-388.44	12.00	12.00	0.00
11,600.00	27.42	179.54	11,494.11	377.51	1,061.90	-377.51	12.00	12.00	0.00
11,625.00	30.42	179.54	11,515.99	365.43	1,062.00	-365.43	12.00	12.00	0.00



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 106H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23 @ 3653.10usft (CAC 166)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23 @ 3653.10usft (CAC 166)
Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Planned 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)
11,650.00	33.42	179.54	11,537.20	352.21	1,062.10	-352.21	12.00	12.00	0.00
11,675.00	36.42	179.54	11,557.70	337.90	1,062.22	-337.90	12.00	12.00	0.00
11,700.00	39.42	179.54	11,577.42	322.53	1,062.34	-322.53	12.00	12.00	0.00
11,725.00	42.42	179.54	11,596.30	306.16	1,062.47	-306.16	12.00	12.00	0.00
11,750.00	45.42	179.54	11,614.31	288.82	1,062.61	-288.82	12.00	12.00	0.00
11,775.00	48.42	179.54	11,631.38	270.56	1,062.76	-270.56	12.00	12.00	0.00
11,800.00	51.42	179.54	11,647.47	251.43	1,062.91	-251.43	12.00	12.00	0.00
11,825.00	54.42	179.54	11,662.54	231.49	1,063.08	-231.49	12.00	12.00	0.00
11,850.00	57.42	179.54	11,676.55	210.79	1,063.24	-210.79	12.00	12.00	0.00
11,875.00	60.42	179.54	11,689.45	189.38	1,063.41	-189.38	12.00	12.00	0.00
11,900.00	63.42	179.54	11,701.22	167.32	1,063.59	-167.32	12.00	12.00	0.00
11,925.00	66.42	179.54	11,711.81	144.68	1,063.77	-144.68	12.00	12.00	0.00
11,950.00	69.42	179.54	11,721.21	121.52	1,063.96	-121.52	12.00	12.00	0.00
11,975.00	72.42	179.54	11,729.38	97.89	1,064.15	-97.89	12.00	12.00	0.00
11,994.95	74.82	179.54	11,735.00	78.76	1,064.30	-78.76	12.00	12.00	0.00
Wolfcamp									
12,000.00	75.42	179.54	11,736.30	73.88	1,064.34	-73.88	12.00	12.00	0.00
12,025.00	78.42	179.54	11,741.95	49.53	1,064.54	-49.53	12.00	12.00	0.00
12,050.00	81.42	179.54	11,746.33	24.92	1,064.74	-24.92	12.00	12.00	0.00
12,075.00	84.42	179.54	11,749.41	0.11	1,064.94	-0.11	12.00	12.00	0.00
12,082.30	85.30	179.54	11,750.06	-7.16	1,064.99	7.16	12.00	12.00	0.00
LP 12082.30' MD & 11750.06' TVD									
12,100.00	85.30	179.54	11,751.51	-24.80	1,065.14	24.80	0.00	0.00	0.00
12,200.00	85.30	179.54	11,759.70	-124.46	1,065.94	124.46	0.00	0.00	0.00
12,300.00	85.30	179.54	11,767.90	-224.12	1,066.74	224.12	0.00	0.00	0.00
12,400.00	85.30	179.54	11,776.09	-323.78	1,067.54	323.78	0.00	0.00	0.00
12,500.00	85.30	179.54	11,784.29	-423.44	1,068.34	423.44	0.00	0.00	0.00
12,569.80	85.30	179.54	11,790.00	-493.00	1,068.90	493.00	0.00	0.00	0.00
500' FTP									
12,600.00	84.70	179.54	11,792.64	-523.09	1,069.14	523.09	2.00	-2.00	0.00
12,700.00	82.70	179.54	11,803.62	-622.48	1,069.94	622.48	2.00	-2.00	0.00
12,800.00	80.70	179.54	11,818.06	-721.42	1,070.73	721.42	2.00	-2.00	0.00
12,826.30	80.17	179.54	11,822.43	-747.35	1,070.94	747.35	2.00	-2.00	0.00
12,900.00	80.17	179.54	11,835.01	-819.97	1,071.53	819.97	0.00	0.00	0.00
13,000.00	80.17	179.54	11,852.09	-918.50	1,072.32	918.50	0.00	0.00	0.00
13,075.62	80.17	179.54	11,865.00	-993.00	1,072.92	993.00	0.00	0.00	0.00
1000' FTP									
13,100.00	80.66	179.54	11,869.06	-1,017.04	1,073.11	1,017.04	2.00	2.00	0.00
13,179.12	82.24	179.54	11,880.82	-1,095.27	1,073.74	1,095.27	2.00	2.00	0.00
13,200.00	82.24	179.54	11,883.64	-1,115.97	1,073.90	1,115.97	0.00	0.00	0.00
13,300.00	82.24	179.54	11,897.14	-1,215.05	1,074.70	1,215.05	0.00	0.00	0.00
13,400.00	82.24	179.54	11,910.64	-1,314.13	1,075.49	1,314.13	0.00	0.00	0.00
13,500.00	82.24	179.54	11,924.15	-1,413.21	1,076.29	1,413.21	0.00	0.00	0.00
13,580.53	82.24	179.54	11,935.02	-1,493.00	1,076.93	1,493.00	0.00	0.00	0.00
1500' FTP									
13,600.00	82.43	179.54	11,937.62	-1,512.29	1,077.08	1,512.29	1.00	1.00	0.00
13,616.53	82.60	179.54	11,939.77	-1,528.68	1,077.22	1,528.68	1.00	1.00	0.00
13,700.00	82.60	179.54	11,950.52	-1,611.46	1,077.88	1,611.46	0.00	0.00	0.00
13,800.00	82.60	179.54	11,963.40	-1,710.62	1,078.68	1,710.62	0.00	0.00	0.00
13,900.00	82.60	179.54	11,976.28	-1,809.78	1,079.47	1,809.78	0.00	0.00	0.00
14,000.00	82.60	179.54	11,989.16	-1,908.95	1,080.27	1,908.95	0.00	0.00	0.00
14,084.76	82.60	179.54	12,000.07	-1,993.00	1,080.94	1,993.00	0.00	0.00	0.00
2000' FTP									



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 106H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23 @ 3653.10usft (CAC 166)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23 @ 3653.10usft (CAC 166)
Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Planned 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)
14,100.00	82.98	179.54	12,001.99	-2,008.12	1,081.07	2,008.12	2.50	2.50	0.00
14,200.00	85.48	179.54	12,012.04	-2,107.60	1,081.86	2,107.60	2.50	2.50	0.00
14,300.00	87.98	179.54	12,017.74	-2,207.43	1,082.67	2,207.43	2.50	2.50	0.00
14,400.00	90.48	179.54	12,019.08	-2,307.41	1,083.47	2,307.41	2.50	2.50	0.00
14,500.00	92.98	179.54	12,016.06	-2,407.35	1,084.27	2,407.35	2.50	2.50	0.00
14,580.76	95.00	179.54	12,010.44	-2,487.91	1,084.92	2,487.91	2.50	2.50	0.00
14,585.87	95.00	179.54	12,010.00	-2,493.00	1,084.96	2,493.00	0.00	0.00	0.00
2500' FTP									
14,600.00	94.72	179.54	12,008.80	-2,507.08	1,085.07	2,507.08	2.00	-2.00	0.00
14,700.00	92.72	179.54	12,002.32	-2,606.86	1,085.87	2,606.86	2.00	-2.00	0.00
14,800.00	90.72	179.54	11,999.32	-2,706.80	1,086.67	2,706.80	2.00	-2.00	0.00
14,900.00	88.72	179.54	11,999.81	-2,806.79	1,087.48	2,806.79	2.00	-2.00	0.00
15,000.00	86.72	179.54	12,003.80	-2,906.71	1,088.28	2,906.71	2.00	-2.00	0.00
15,075.87	85.20	179.54	12,009.14	-2,982.39	1,088.89	2,982.39	2.00	-2.00	0.00
15,086.52	85.20	179.54	12,010.03	-2,993.00	1,088.97	2,993.00	0.00	0.00	0.00
3000' FTP									
15,100.00	85.47	179.54	12,011.13	-3,006.43	1,089.08	3,006.43	2.00	2.00	0.00
15,200.00	87.47	179.54	12,017.29	-3,106.23	1,089.88	3,106.23	2.00	2.00	0.00
15,300.00	89.47	179.54	12,019.96	-3,206.19	1,090.68	3,206.19	2.00	2.00	0.00
15,400.00	91.47	179.54	12,019.14	-3,306.18	1,091.49	3,306.18	2.00	2.00	0.00
15,500.00	93.47	179.54	12,014.83	-3,406.08	1,092.29	3,406.08	2.00	2.00	0.00
15,576.52	95.00	179.54	12,009.18	-3,482.39	1,092.90	3,482.39	2.00	2.00	0.00
15,587.18	95.00	179.54	12,008.25	-3,493.00	1,092.99	3,493.00	0.00	0.00	0.00
3500' FTP									
15,600.00	94.74	179.54	12,007.16	-3,505.77	1,093.09	3,505.77	2.00	-2.00	0.00
15,700.00	92.74	179.54	12,000.63	-3,605.55	1,093.89	3,605.55	2.00	-2.00	0.00
15,800.00	90.74	179.54	11,997.59	-3,705.50	1,094.69	3,705.50	2.00	-2.00	0.00
15,871.18	89.32	179.54	11,997.55	-3,776.67	1,095.26	3,776.67	2.00	-2.00	0.00
15,900.00	89.32	179.54	11,997.89	-3,805.49	1,095.50	3,805.49	0.00	0.00	0.00
16,000.00	89.32	179.54	11,999.08	-3,905.48	1,096.30	3,905.48	0.00	0.00	0.00
16,087.53	89.32	179.54	12,000.12	-3,993.00	1,097.00	3,993.00	0.00	0.00	0.00
4000' FTP									
16,100.00	89.07	179.54	12,000.29	-4,005.47	1,097.10	4,005.47	2.00	-2.00	0.00
16,111.03	88.85	179.54	12,000.49	-4,016.50	1,097.19	4,016.50	2.00	-2.00	0.00
16,200.00	88.85	179.54	12,002.28	-4,105.45	1,097.90	4,105.45	0.00	0.00	0.00
16,300.00	88.85	179.54	12,004.29	-4,205.42	1,098.71	4,205.42	0.00	0.00	0.00
16,400.00	88.85	179.54	12,006.29	-4,305.40	1,099.51	4,305.40	0.00	0.00	0.00
16,500.00	88.85	179.54	12,008.30	-4,405.38	1,100.31	4,405.38	0.00	0.00	0.00
16,587.64	88.85	179.54	12,010.06	-4,493.00	1,101.02	4,493.00	0.00	0.00	0.00
4500' FTP									
16,600.00	88.60	179.54	12,010.33	-4,505.35	1,101.11	4,505.35	2.00	-2.00	0.00
16,648.64	87.63	179.54	12,011.93	-4,553.97	1,101.51	4,553.97	2.00	-2.00	0.00
16,700.00	87.63	179.54	12,014.06	-4,605.28	1,101.92	4,605.28	0.00	0.00	0.00
16,800.00	87.63	179.54	12,018.19	-4,705.19	1,102.72	4,705.19	0.00	0.00	0.00
16,900.00	87.63	179.54	12,022.33	-4,805.10	1,103.52	4,805.10	0.00	0.00	0.00
17,000.00	87.63	179.54	12,026.46	-4,905.01	1,104.32	4,905.01	0.00	0.00	0.00
17,088.07	87.63	179.54	12,030.10	-4,993.00	1,105.03	4,993.00	0.00	0.00	0.00
5000' FTP									
17,091.57	87.70	179.54	12,030.25	-4,996.50	1,105.06	4,996.50	2.00	2.00	0.00
17,100.00	87.70	179.54	12,030.59	-5,004.92	1,105.13	5,004.92	0.00	0.00	0.00
17,200.00	87.70	179.54	12,034.60	-5,104.84	1,105.93	5,104.84	0.00	0.00	0.00
17,300.00	87.70	179.54	12,038.61	-5,204.76	1,106.73	5,204.76	0.00	0.00	0.00
17,400.00	87.70	179.54	12,042.63	-5,304.67	1,107.53	5,304.67	0.00	0.00	0.00



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

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Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23 @ 3653.10usft (CAC 166)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23 @ 3653.10usft (CAC 166)
Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Planned 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)	
17,500.00	87.70	179.54	12,046.64	-5,404.59	1,108.33	5,404.59	0.00	0.00	0.00	
17,588.48	87.70	179.54	12,050.19	-5,493.00	1,109.04	5,493.00	0.00	0.00	0.00	
5500' FTP										
17,600.00	87.47	179.54	12,050.67	-5,504.51	1,109.14	5,504.51	2.00	-2.00	0.00	
17,616.48	87.14	179.54	12,051.45	-5,520.97	1,109.27	5,520.97	2.00	-2.00	0.00	
17,700.00	87.14	179.54	12,055.62	-5,604.38	1,109.94	5,604.38	0.00	0.00	0.00	
17,800.00	87.14	179.54	12,060.61	-5,704.25	1,110.74	5,704.25	0.00	0.00	0.00	
17,900.00	87.14	179.54	12,065.60	-5,804.12	1,111.54	5,804.12	0.00	0.00	0.00	
18,000.00	87.14	179.54	12,070.59	-5,904.00	1,112.34	5,904.00	0.00	0.00	0.00	
18,089.12	87.14	179.54	12,075.03	-5,993.00	1,113.06	5,993.00	0.00	0.00	0.00	
6000' FTP										
18,100.00	86.92	179.54	12,075.60	-6,003.87	1,113.15	6,003.87	2.00	-2.00	0.00	
18,151.12	85.90	179.54	12,078.80	-6,054.88	1,113.56	6,054.88	2.00	-2.00	0.00	
18,200.00	85.90	179.54	12,082.29	-6,103.64	1,113.95	6,103.64	0.00	0.00	0.00	
18,300.00	85.90	179.54	12,089.44	-6,203.38	1,114.75	6,203.38	0.00	0.00	0.00	
18,400.00	85.90	179.54	12,096.59	-6,303.12	1,115.55	6,303.12	0.00	0.00	0.00	
18,500.00	85.90	179.54	12,103.74	-6,402.86	1,116.35	6,402.86	0.00	0.00	0.00	
18,590.37	85.90	179.54	12,110.20	-6,493.00	1,117.07	6,493.00	0.00	0.00	0.00	
6500' FTP										
18,600.00	86.09	179.54	12,110.87	-6,502.60	1,117.15	6,502.60	2.00	2.00	0.00	
18,700.00	88.09	179.54	12,115.95	-6,602.47	1,117.95	6,602.47	2.00	2.00	0.00	
18,800.00	90.09	179.54	12,117.53	-6,702.44	1,118.75	6,702.44	2.00	2.00	0.00	
18,900.00	92.09	179.54	12,115.62	-6,802.42	1,119.56	6,802.42	2.00	2.00	0.00	
19,000.00	94.09	179.54	12,110.23	-6,902.26	1,120.36	6,902.26	2.00	2.00	0.00	
19,080.37	95.70	179.54	12,103.37	-6,982.34	1,121.00	6,982.34	2.00	2.00	0.00	
19,091.09	95.70	179.54	12,102.30	-6,993.00	1,121.09	6,993.00	0.00	0.00	0.00	
7000' FTP										
19,100.00	95.52	179.54	12,101.43	-7,001.87	1,121.16	7,001.87	2.00	-2.00	0.00	
19,200.00	93.52	179.54	12,093.55	-7,101.55	1,121.96	7,101.55	2.00	-2.00	0.00	
19,300.00	91.52	179.53	12,089.15	-7,201.44	1,122.77	7,201.44	2.00	-2.00	0.00	
19,326.99	90.98	179.53	12,088.56	-7,228.43	1,122.99	7,228.43	2.00	-2.00	0.00	
19,400.00	90.98	179.53	12,087.31	-7,301.42	1,123.59	7,301.42	0.00	0.00	0.00	
19,500.00	90.98	179.53	12,085.59	-7,401.41	1,124.40	7,401.41	0.00	0.00	0.00	
19,600.00	90.98	179.53	12,083.88	-7,501.39	1,125.22	7,501.39	0.00	0.00	0.00	
19,700.00	90.98	179.53	12,082.17	-7,601.37	1,126.03	7,601.37	0.00	0.00	0.00	
19,800.00	90.98	179.53	12,080.45	-7,701.35	1,126.84	7,701.35	0.00	0.00	0.00	
19,826.43	90.98	179.53	12,080.00	-7,727.78	1,127.06	7,727.78	0.00	0.00	0.00	
PBHL 19826.43' MD & 12080.00' TVD										



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 106H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23 @ 3653.10usft (CAC 166)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23 @ 3653.10usft (CAC 166)
Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Design Targets

Target Name									
- hit/miss target	Dip Angle	Dip Dir.	TVD	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude
- Shape	(°)	(°)	(usft)	(usft)	(usft)	(usft)	(usft)		
KOP 106H	0.00	0.00	11,274.20	431.17	1,061.47	454,678.33	752,226.18	32.24739	-103.51750
- plan hits target center									
- Point									
FTP 106H	0.00	0.00	11,750.00	-7.16	1,065.29	454,240.00	752,230.00	32.24619	-103.51750
- plan misses target center by 0.30usft at 12082.30usft MD (11750.06 TVD, -7.16 N, 1064.99 E)									
- Point									
PBHL 106H	0.00	0.00	12,080.00	-7,727.78	1,127.06	446,519.38	752,291.77	32.22497	-103.51749
- plan hits target center									
- Point									

Formations

Measured Depth (usft)	Vertical Depth (usft)	Name	Lithology	Dip (°)	Dip Direction (°)
1,400.00	1,400.00	Rustler		0.00	
1,800.16	1,800.00	Salado		0.00	
2,127.96	2,125.00	Salt Top		0.00	
5,148.85	5,100.00	Salt Base		0.00	
5,326.55	5,275.00	Lamar		0.00	
5,402.71	5,350.00	Bell Canyon		0.00	
6,291.21	6,225.00	Cherry Canyon		0.00	
7,788.96	7,700.00	Brushy Canyon		0.00	
8,897.27	8,800.00	Bone Spring		0.00	
9,070.27	8,973.00	Avalon		0.00	
9,997.27	9,900.00	1 BSS		0.00	
10,582.27	10,485.00	2 BSS		0.00	
11,057.27	10,960.00	3 BSL		0.00	
11,367.27	11,270.00	3 BSS		0.00	
11,994.95	11,735.00	Wolfcamp		0.00	



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 106H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23 @ 3653.10usft (CAC 166)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23 @ 3653.10usft (CAC 166)
Site:	SEC 1-T24S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 106H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 2		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,600.00	1,600.00	0.00	0.00	Start Nudge 2°/100' DLS
2,100.00	2,097.47	16.38	40.32	Hold 10° Inc
8,113.00	8,019.11	409.33	1,007.71	Start Drop 1.5°/100' DLS
8,779.67	8,682.41	431.17	1,061.47	Hold 0° Inc
11,371.47	11,274.21	431.17	1,061.47	KOP 12°/100' DLS
12,082.30	11,750.06	-7.16	1,064.99	LP 12082.30' MD & 11750.06' TVD
12,569.80	11,790.00	-493.00	1,068.90	500' FTP
13,075.62	11,865.00	-993.00	1,072.92	1000' FTP
13,580.53	11,935.02	-1,493.00	1,076.93	1500' FTP
14,084.76	12,000.07	-1,993.00	1,080.94	2000' FTP
14,585.87	12,010.00	-2,493.00	1,084.96	2500' FTP
15,086.52	12,010.03	-2,993.00	1,088.97	3000' FTP
15,587.18	12,008.25	-3,493.00	1,092.99	3500' FTP
16,087.53	12,000.12	-3,993.00	1,097.00	4000' FTP
16,587.64	12,010.06	-4,493.00	1,101.02	4500' FTP
17,088.07	12,030.10	-4,993.00	1,105.03	5000' FTP
17,588.48	12,050.19	-5,493.00	1,109.04	5500' FTP
18,089.12	12,075.03	-5,993.00	1,113.06	6000' FTP
18,590.37	12,110.20	-6,493.00	1,117.07	6500' FTP
19,091.09	12,102.30	-6,993.00	1,121.09	7000' FTP
19,826.43	12,080.00	-7,727.78	1,127.06	PBHL 19826.43' MD & 12080.00' TVD

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 146645

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 146645
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	9/29/2022