

Submit 1 Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II – (575) 748-1283
811 S. First St., Artesia, NM 88210
District III – (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV – (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM
87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		WELL API NO. 30-025-53939
2. Name of Operator Kaiser-Francis Oil Company		5. Indicate Type of Lease STATE ☐ FEE ☒
3. Address of Operator P.O. Box 21468, Tulsa, OK 74121		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>J</u> : <u>1650</u> feet from the <u>South</u> line and <u>2003</u> feet from the <u>East</u> line Section <u>5</u> Township <u>24S</u> Range <u>34E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Bell Lake Unit South
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3588' GR		8. Well Number 134H
9. OGRID Number 12361		10. Pool name or Wildcat Bell Lake; Bone Spring, South

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☐	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☒	COMMENCE DRILLING OPS	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐	CLOSED-LOOP	☐				
OTHER:	☐			OTHER:	☐		

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

Kaiser-Francis Oil Company requests to update the BHL for 30-025-53939.

Approved BHL: 32-23S-34E 25' FNL 2120' FEL

Requested BHL: 32-23S-34E 25' FNL 1964' FEL

Spud Date:

Rig Release Date:

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

SIGNATURE

Christina Opfer

TITLE Regulatory Manager

DATE 09/23/2025

Type or print name

Christina Opfer

E-mail address ChristinaO@kfoc.net

PHONE 918-491-4468

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

C-102 Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☐ Initial Submittal
			☒ Amended Report
		☐ As Drilled	

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-025-53939	Pool Code 98264	Pool Name Bell Lake; Bone Spring, South
Property Code 316706	Property Name BELL LAKE UNIT SOUTH	Well Number 134H
OGRID No. 12361	Operator Name KAISER-FRANCIS OIL COMPANY	Ground Level Elevation 3588'
Surface Owner: ☐ State ☒ Fee ☐ Tribal ☐ Federal		Mineral Owner: ☒ State ☐ Fee ☐ Tribal ☐ Federal

Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
J	5	24-S	34-E		1650' S	2003' E	N 32.2438729	W 103.4899525	LEA

Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	32	23-S	34-E		25' N	1964' E	N 32.2682740	W 103.4898740	LEA

Dedicated Acres 479.76	Infill or Defining Well INFILL	Defining Well API 30-025-46625	Overlapping Spacing Unit (Y/N) Y	Consolidated Code
Order Numbers R-14600			Well Setbacks are under Common Ownership: ☐ Yes ☒ No	

Kick Off Point (KOP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
J	5	24-S	34-E		1650' S	2003' E	N 32.2438729	W 103.4899525	LEA

First Take Point (FTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
G	5	24-S	34-E		2540' N	1964' E	N 32.2468523	W 103.4898339	LEA

Last Take Point (LTP)

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the N/S	Feet from the E/W	Latitude	Longitude	County
B	32	23-S	34-E		100' N	1964' E	N 32.2680678	W 103.4898737	LEA

Unitized Area or Area of Uniform Intrest UNITIZED	Spacing Unity Type ☒ Horizontal ☐ Vertical	Ground Floor Elevation 3588
--	--	--------------------------------

OPERATOR CERTIFICATION <i>I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and, if the well is a vertical or directional well, 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 a working interest or unleased mineral interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.</i> <i>If this well is a horizontal well, I further certify that this organization has received The consent of at least one lessee or owner of a working interest or unleased mineral interest in each tract (in the target pool or formation) in which any part of the well's completed interval will be located or obtained a compulsory pooling order from the division.</i>		SURVEYORS CERTIFICATION <i>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.</i>	
			
Christina Opfer Signature Christina Opfer	9/23/2025 Date	Signature and Seal of Professional Surveyor Date	
Print Name ChristinaO@kfoc.net	E-mail Address	Certificate Number	Date of Survey 11/04/2024

<u>C-102</u> Submit Electronically Via OCD Permitting	State of New Mexico Energy, Minerals & Natural Resources Department OIL CONSERVATION DIVISION	Revised July 9, 2024	
		Submittal Type:	☒ Initial Submittal ☐ Amended Report ☐ As Drilled
Property Name and Well Number BELL LAKE UNIT SOUTH 134H			

**SURFACE LOCATION (SHL)
KICK OFF POINT (KOP)**
NEW MEXICO EAST
NAD 1983
X=802085 Y=453478
LAT.: N 32.2438729
LONG.: W 103.4899525
1650' FSL 2003' FEL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=802113 Y=454563
LAT.: N 32.2468523
LONG.: W 103.4898339
2540' FNL 1964' FEL

LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=802040 Y=462281
LAT.: N 32.2680678
LONG.: W 103.4898737
100' FNL 1964' FEL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=802040 Y=462356
LAT.: N 32.2682740
LONG.: W 103.4898740
25' FNL 1964' FEL

The survey plat is a rectangular grid divided into four quadrants by a horizontal line (Section 31-32 on top, 6-5 on bottom) and a vertical line (Lot 4-3 on left, 6-5 on right). The top-left quadrant (31-32/6-5) contains Lot 4, Lot 3, and Lot 2. The top-right quadrant (31-32/6-5) contains Lot 1. The bottom-left quadrant (6-5/7-8) contains Lot 4, Lot 3, and Lot 2. The bottom-right quadrant (6-5/7-8) contains Lot 1. The plat shows the following survey points and distances:

- SHL/KOP:** Located at the bottom center, with coordinates X=801440.27, Y=454464.06. It is 1650' from the bottom boundary and 2003' from the right boundary.
- FTP:** Located at the bottom center, with coordinates X=802113, Y=454563. It is 2540' from the SHL/KOP and 1964' from the right boundary.
- BHL:** Located at the top center, with coordinates X=802040, Y=462356. It is 25' from the top boundary and 1964' from the right boundary.
- LTP:** Located at the top center, with coordinates X=802085, Y=453478. It is 100' from the BHL and 1964' from the right boundary.

The plat also shows the following distances and bearings:

- From SHL/KOP to FTP: 2540' (bearing 359.46°).
- From FTP to BHL: 1964' (bearing 359.47°).
- From BHL to LTP: 100' (bearing 359.47°).
- From SHL/KOP to BHL: 2540' (bearing 359.46°).
- From SHL/KOP to FTP: 1964' (bearing 1.49°).
- From FTP to BHL: 1964' (bearing 1.49°).
- From BHL to LTP: 100' (bearing 1.49°).

The plat also shows the following distances and bearings:

- From SHL/KOP to BHL: 2540' (bearing 359.46°).
- From FTP to BHL: 1964' (bearing 359.47°).
- From BHL to LTP: 100' (bearing 359.47°).
- From SHL/KOP to FTP: 1964' (bearing 1.49°).
- From FTP to BHL: 1964' (bearing 1.49°).
- From BHL to LTP: 100' (bearing 1.49°).

T-24-S, R-34-E
SECTION 5
LOT 1 - 39.86 ACRES
LOT 2 - 39.90 ACRES
LOT 3 - 39.94 ACRES
LOT 4 - 39.98 ACRES

SURVEYORS CERTIFICATION

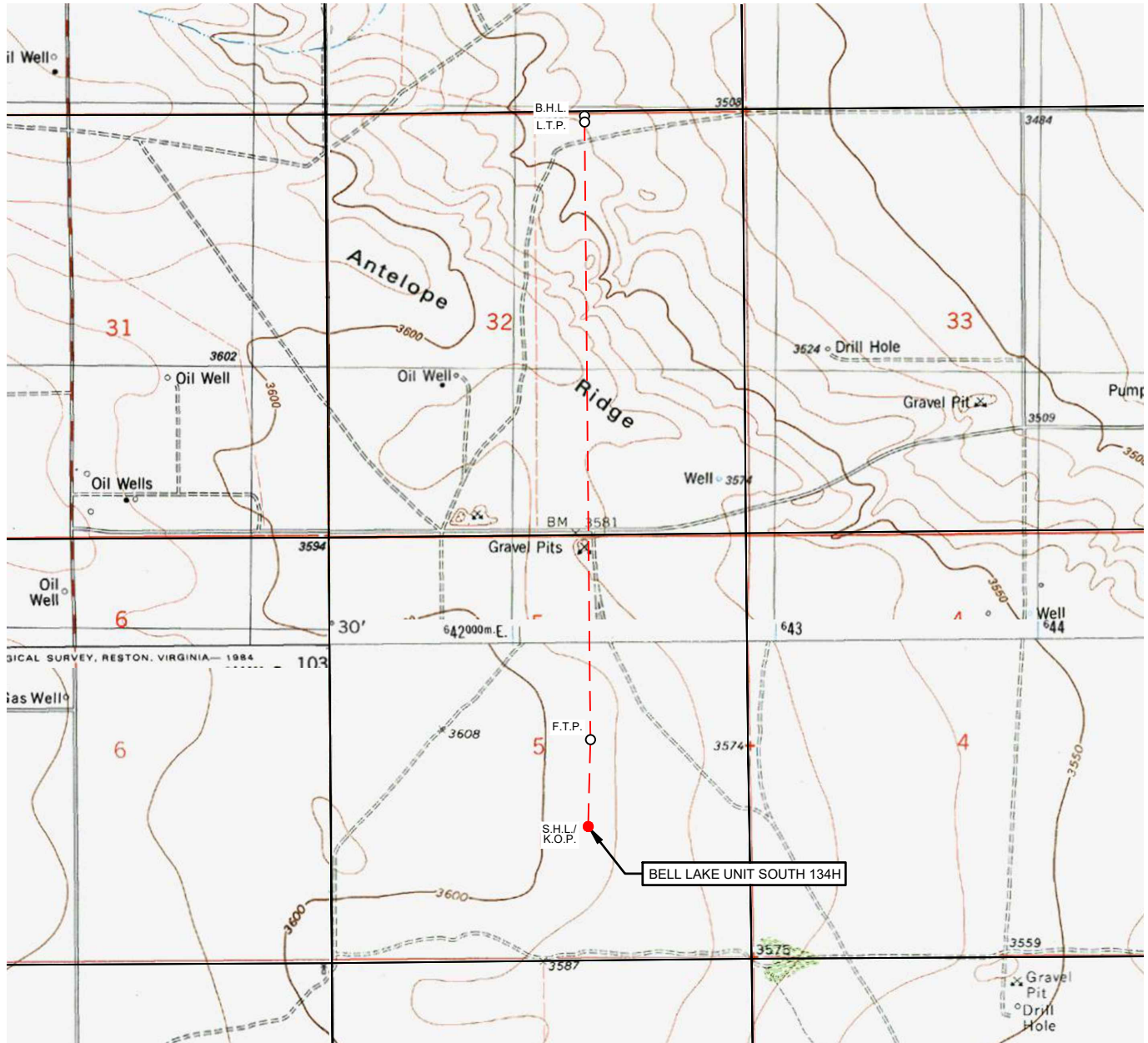
I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief.

11/04/2024
Date of Survey
Signature and Seal of Professional Surveyor:

The seal is circular with a purple border. Inside the border, the text "ANGEL M. BAEZA" is written in a semi-circle at the top, "NEW MEXICO" is written in a semi-circle at the bottom, and "PROFESSIONAL SURVEYOR" is written in a semi-circle at the bottom. In the center of the seal, the number "25116" is written, and the date "9/9/25" is written below it.

Released to Imaging: 12/15/2025 1:58:22 PM

LOCATION & ELEVATION VERIFICATION MAP



KAISER-FRANCIS OIL COMPANY

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 134H

SECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3588'
 DESCRIPTION 1650' FSL & 2003' FEL

LATITUDE N 32.2438729 LONGITUDE W 103.4899525

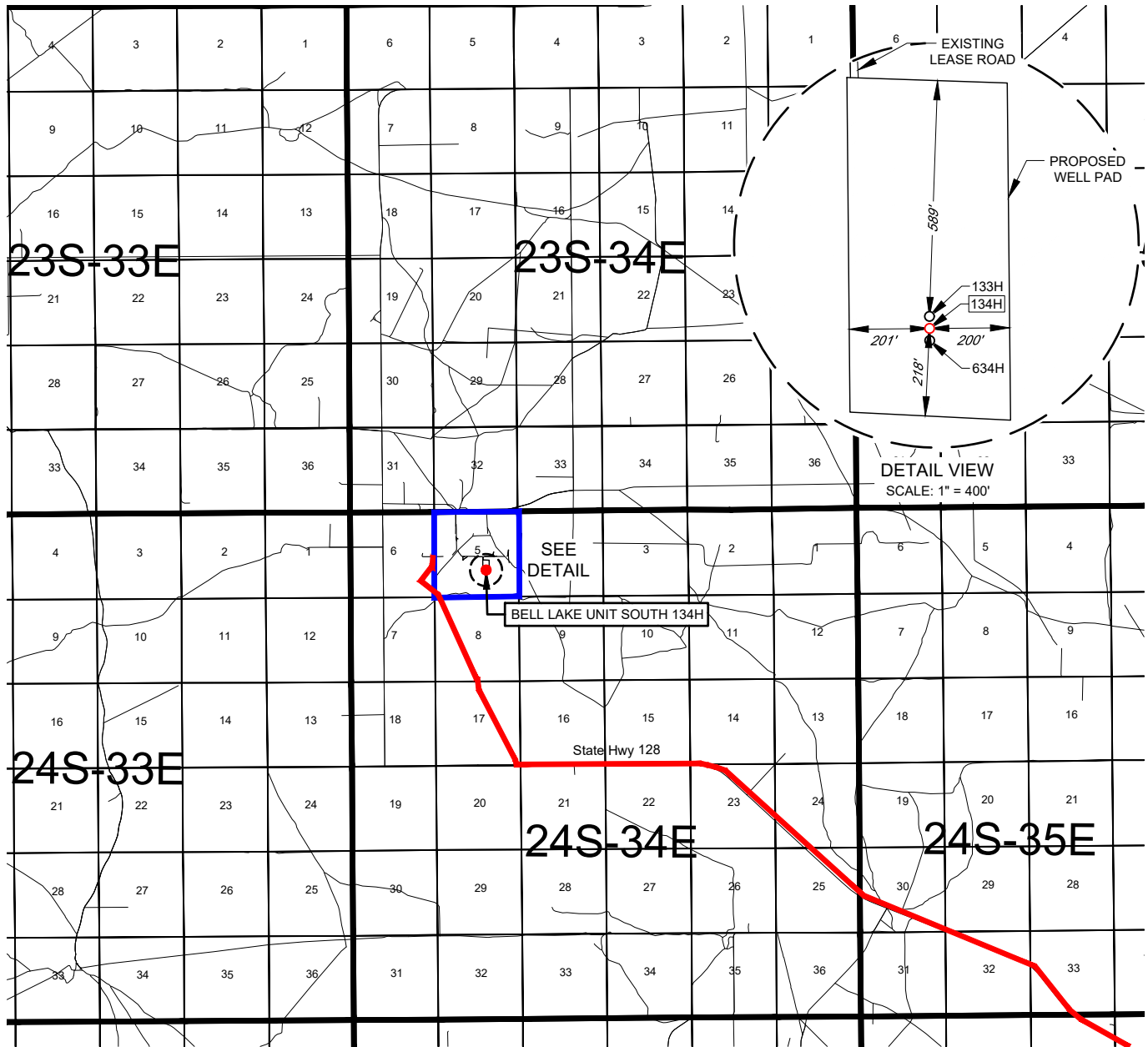
SCALE: 1" = 2000'
 0' 1000' 2000'

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY KAISER-FRANCIS OIL COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.



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 2903 NORTH BIG SPRING • MIDLAND, TEXAS 79705
 TELEPHONE: (432) 682-1653 OR (800) 767-1653 • FAX (432) 682-1743
 WWW.TOPOGRAPHIC.COM

EXHIBIT 2
VICINITY MAP

KAISER-FRANCIS OIL COMPANY

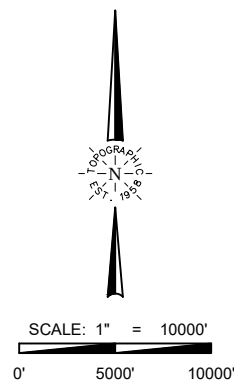
LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 134HSECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.COUNTY LEA STATE NMDESCRIPTION 1650' FSL & 2003' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-128 & NM-18. GO WEST ON NM-128 ±19.1 MILES.
THENCE NORTH (RIGHT) ON A LEASE RD ±2.84 MILES TO A POINT
±3434 FEET NORTHWEST OF THE LOCATION.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY KAISER-FRANCIS OIL COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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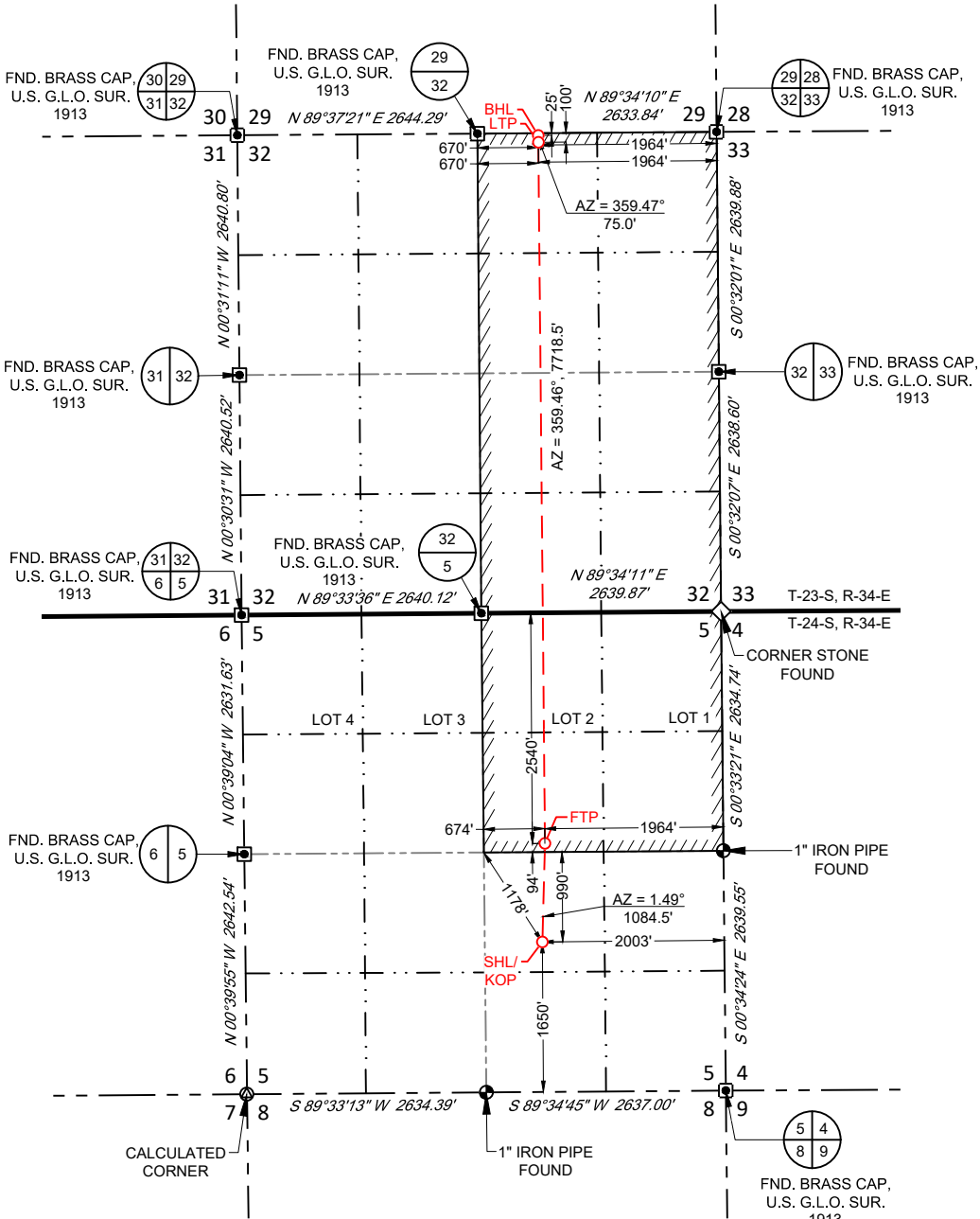
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 LOYALTY INNOVATION LEGACY

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KAISER-FRANCIS OIL COMPANY

EXHIBIT 2A

SECTION 5, TOWNSHIP 24-S, RANGE 34-E, N.M.P.M.
LEA COUNTY, NEW MEXICO



SURFACE LOCATION (SHL)

KICK OFF POINT (KOP)

NEW MEXICO EAST
NAD 1983

X=802085 Y=453478

LAT.: N 32.2438729

LONG.: W 103.4899525

1650' FSL 2003' FEL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST

NAD 1983

X=802113 Y=454563

LAT.: N 32.2468523

LONG.: W 103.4898339

2540' FNL 1964' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST

NAD 1983

X=802040 Y=462281

LAT.: N 32.2680678

LONG.: W 103.4898737

100' FNL 1964' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST

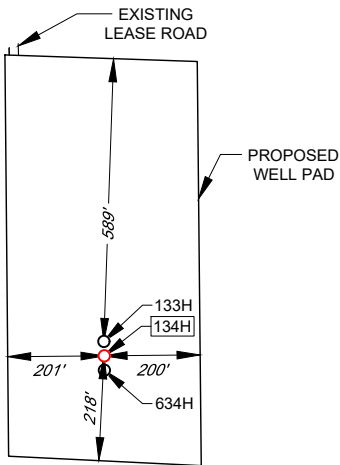
NAD 1983

X=802040 Y=462356

LAT.: N 32.2682740

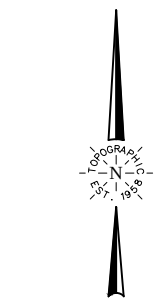
LONG.: W 103.4898740

25' FNL 1964' FEL



DETAIL VIEW

SCALE: 1" = 400'



SCALE: 1" = 2000'

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 134H

SECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1650' FSL & 2003' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-128 & NM-18, GO WEST ON NM-128 ±19.1 MILES.
THENCE NORTH (RIGHT) ON A LEASE RD ±2.84 MILES TO A POINT ±3434
FEET NORTHWEST OF THE LOCATION.



Angel M. Baeza, P.S. No. 25116

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID
BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY
FEET.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND
UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF
SURVEY, AND DATA PROVIDED BY KAISER-FRANCIS OIL COMPANY. THIS CERTIFICATION IS MADE AND
LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS
NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



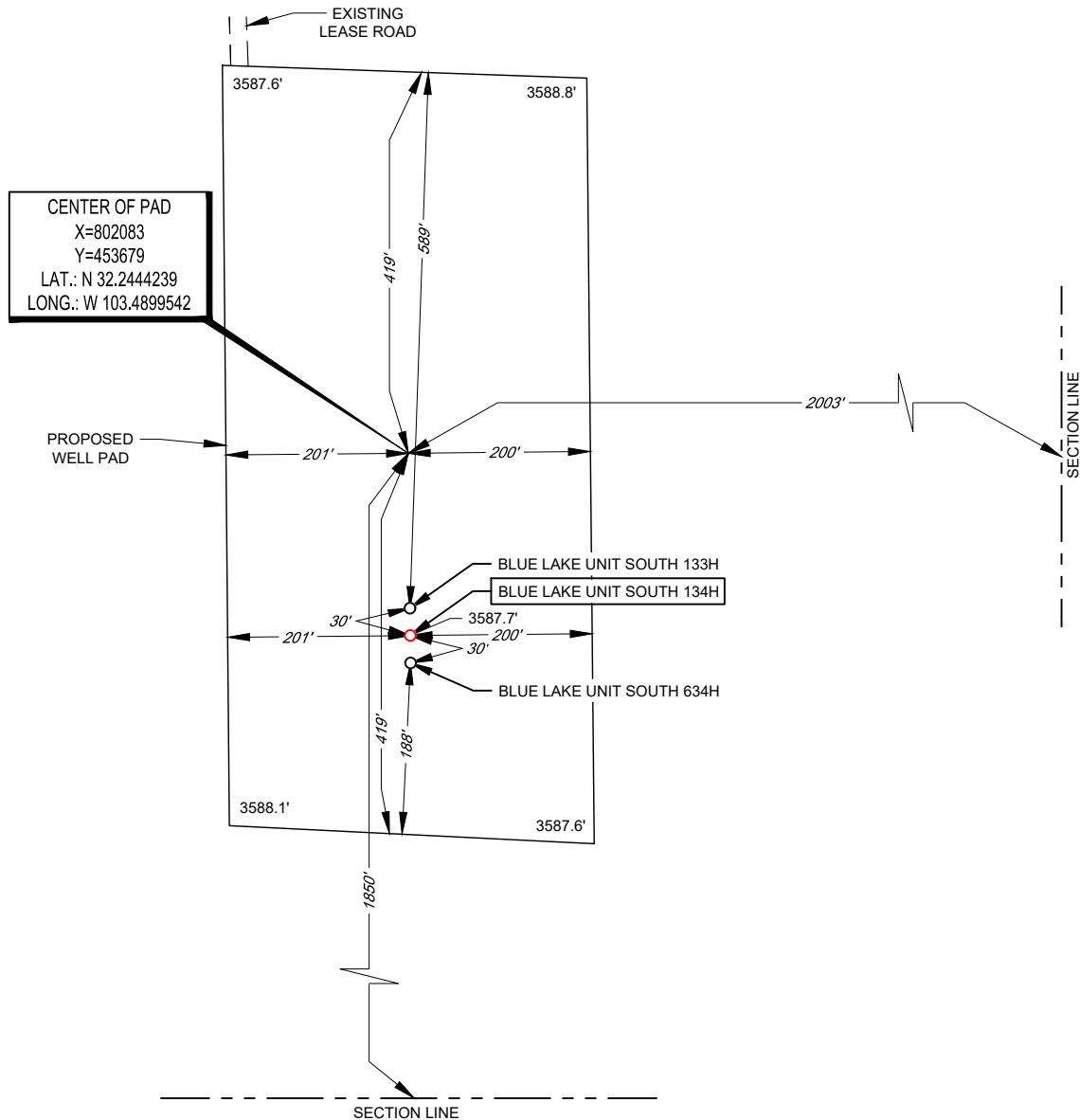
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KAISER-FRANCIS OIL COMPANY

SECTION 5, TOWNSHIP 24-S, RANGE 34-E, N.M.P.M.
LEA COUNTY, NEW MEXICO

LEGEND

SECTION LINE



Angel M. Baeza, P.S. No. 25116

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 134H
 134H LATITUDE N 32.2438729 134H LONGITUDE W 103.4899525

CENTER OF PAD IS 1850' FSL & 2003' FEL

ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET. ELEVATIONS USED ARE NAVD88, OBTAINED THROUGH AN OPUS SOLUTION.

THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY KAISER-FRANCIS OIL COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



SCALE: 1" = 200'

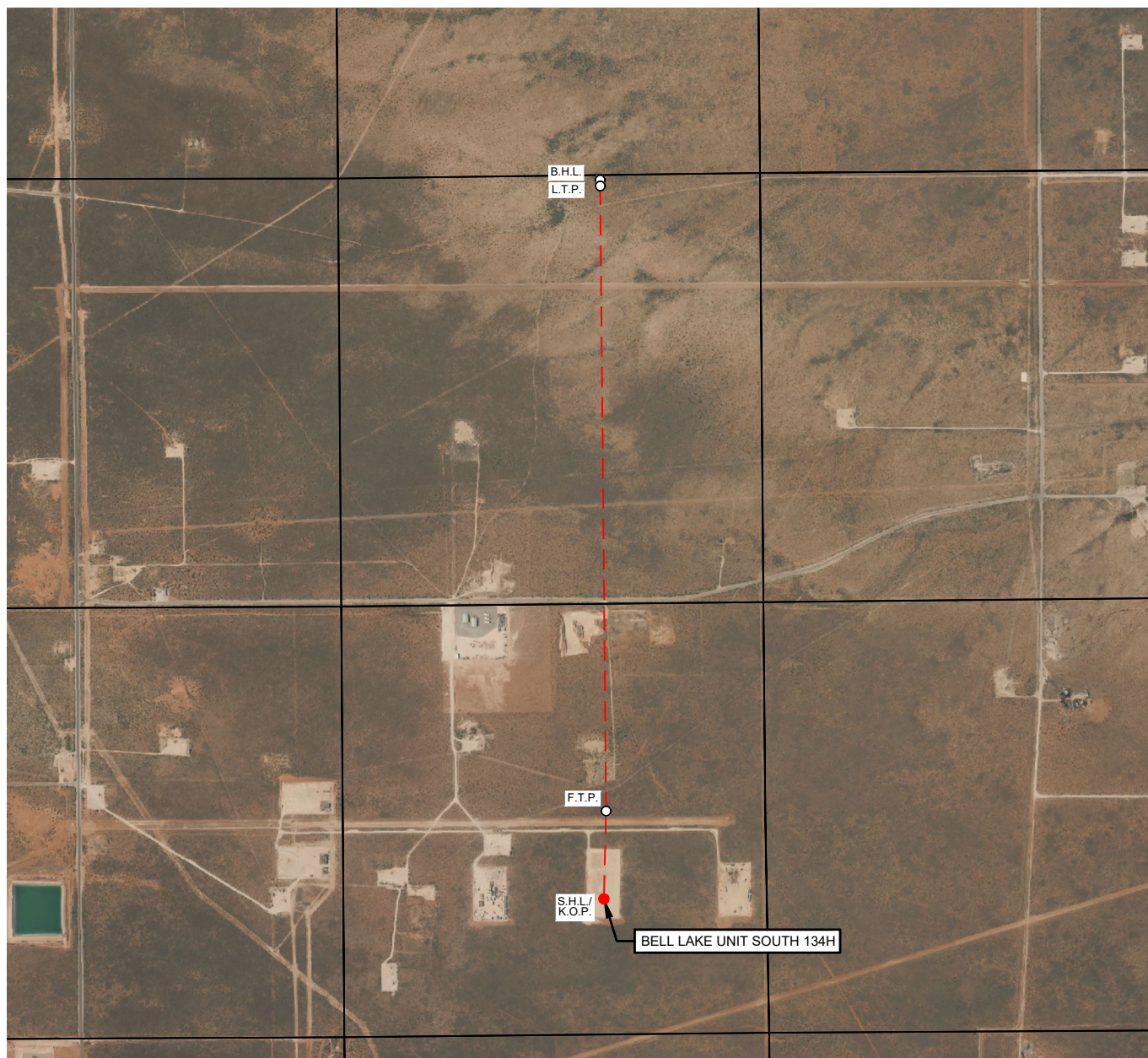
0' 100' 200'



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ORIGINAL DOCUMENT SIZE: 8.5" X 11"

AERIAL PHOTO



KAISER-FRANCIS OIL COMPANY

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 134H

SECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3588'
 DESCRIPTION 1650' FSL & 2003' FEL

LATITUDE N 32.2438729 LONGITUDE W 103.4899525

SCALE: 1" = 2000'
 0' 1000' 2000'

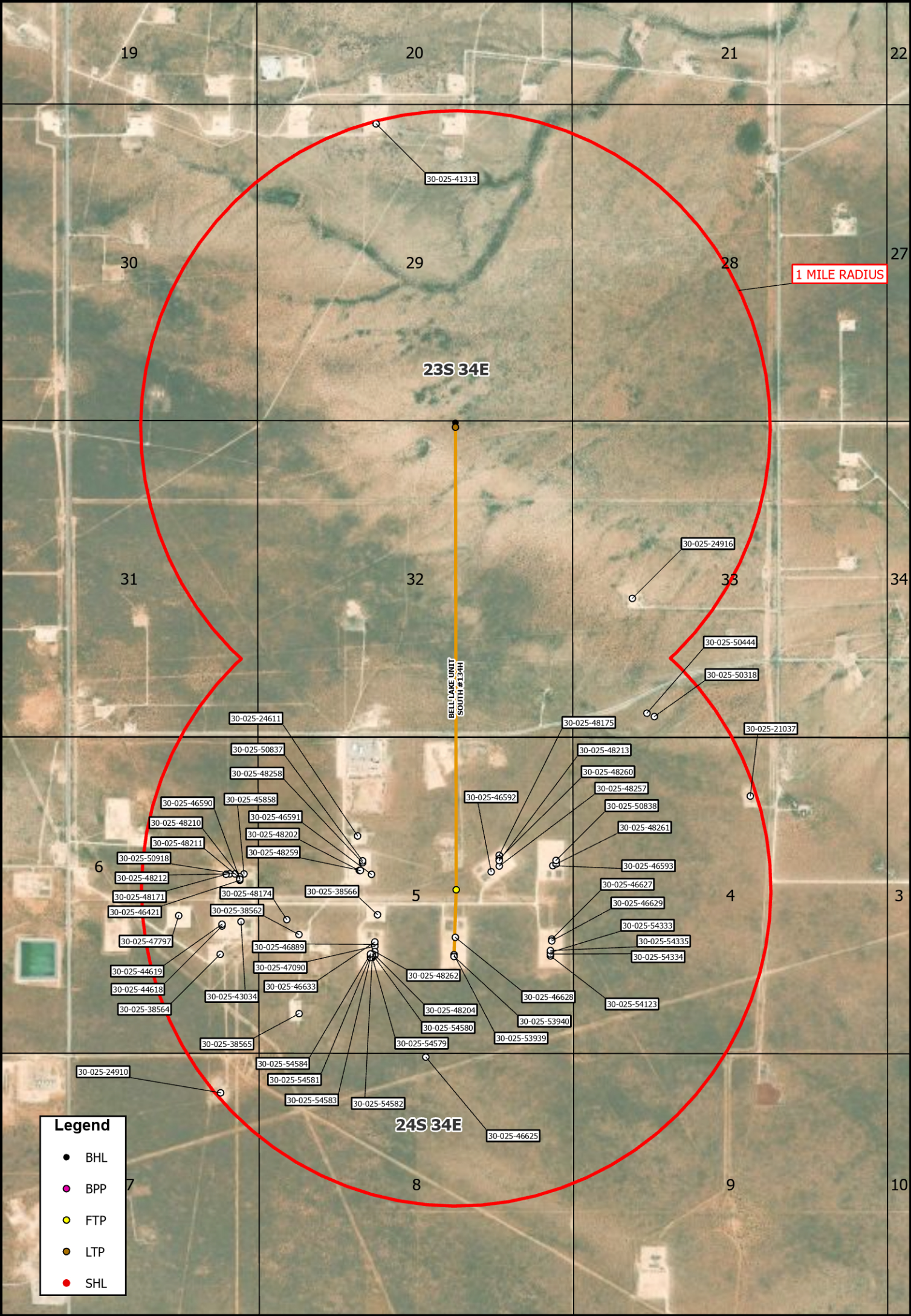
THIS EASEMENT/SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY KAISER-FRANCIS OIL COMPANY. THIS CERTIFICATION IS MADE AND LIMITED TO THOSE PERSONS OR ENTITIES SHOWN ON THE FACE OF THIS PLAT AND IS NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.

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EXHIBIT 3
BELL LAKE UNIT SOUTH #134H
SBL PAD 15
KAISER-FRANCIS OIL COMPANY
SECTION 5, TOWNSHIP 23-S, RANGE 34-E, N.M.P.M
LEA COUNTY, NEW MEXICO

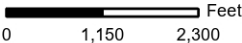


ALL BEARINGS, DISTANCES, AND COORDINATE VALUES CONTAINED HEREON ARE GRID BASED UPON THE NEW MEXICO COORDINATE SYSTEM OF 1983, EAST ZONE, U.S. SURVEY FEET.

THE EASEMENT SERVITUDE LOCATION SHOWN HEREON HAS BEEN SURVEYED ON THE GROUND UNDER MY SUPERVISION AND PREPARED ACCORDING TO THE EVIDENCE FOUND AT THE TIME OF SURVEY, AND DATA PROVIDED BY KAISER-FRANCIS OIL COMPANY. THIS CERTIFICATION IS MADE AND NON-TRANSFERABLE. THIS SURVEY IS CERTIFIED FOR THIS TRANSACTION ONLY.



1 inch = 2,300 feet



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TELEPHONE: (817) 744-7512 • FAX (817) 744-7548
TEXAS FIRM REGISTRATION NO. 10042504
WWW.TOPOGRAPHIC.COM



KAISER FRANCIS OIL CO.

**LEA COUNTY, N.M. BLUS
SEC 5-T24S-R34E
Bell Lake South Unit 134H**

Wellbore #1

Plan: Plan 6

Standard Planning Report

10 December, 2025





Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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

Site		SEC 5-T24S-R34E				
Site Position:		Northing:	454,976.37	usft	Latitude:	32.24795476
From:	Map	Easting:	803,730.65	usft	Longitude:	-103.48459260
Position Uncertainty:			0.00	usft	Slot Radius:	13-3/16 "

Well	Bell Lake South Unit 134H					
Well Position	+N/-S	0.00 usft	Northing:	453,477.99 usft	Latitude:	32.24387197
	+E/-W	0.00 usft	Easting:	802,085.00 usft	Longitude:	-103.48995323
Position Uncertainty		0.50 usft	Wellhead Elevation:	usft	Ground Level:	3,588.00 usft
Grid Convergence:		0.45 °				

Wellbore	Wellbore #1				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	BGGM CURRENT	8/6/2025	6.17	59.78	47,218.60000000

Design	Plan 6				
Audit Notes:					
Version:		Phase:	PLAN	Tie On Depth:	1,184.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)	
	0.00	0.00	0.00	0.00	

Plan Survey Tool Program	Date	12/10/2025			
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks	
1	247.50	1,184.00	Survey #1 (Wellbore #1)	MWD+HRGM	
				OWSG MWD + HRGM	
2	1,184.00	18,210.40	Plan 6 (Wellbore #1)	MWD+HRGM	
				OWSG MWD + HRGM	



Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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
1,184.00	1.41	73.08	1,183.87	0.73	12.11	0.00	0.00	0.00	0.00	
1,254.57	0.00	0.00	1,254.43	0.98	12.94	2.00	-2.00	0.00	180.00	
5,599.94	0.00	0.00	5,599.80	0.98	12.94	0.00	0.00	0.00	0.00	
6,089.89	9.80	347.09	6,087.37	41.72	3.61	2.00	2.00	0.00	347.09	
8,043.45	9.80	347.09	8,012.43	365.80	-70.66	0.00	0.00	0.00	0.00	
8,533.41	0.00	0.00	8,500.00	406.54	-80.00	2.00	-2.00	0.00	180.00	
9,385.45	0.00	0.00	9,352.04	406.54	-80.00	0.00	0.00	0.00	0.00	
10,285.45	90.00	7.80	9,925.00	974.20	-2.24	10.00	10.00	0.00	7.80	
10,701.51	90.00	359.48	9,925.00	1,389.06	24.15	2.00	0.00	-2.00	-90.00	
10,862.46	90.00	359.48	9,925.00	1,550.00	22.68	0.00	0.00	0.00	0.00	
10,872.47	89.80	359.47	9,925.02	1,560.01	22.59	2.00	-2.00	-0.13	-176.21	
15,162.67	89.80	359.47	9,940.00	5,850.00	-17.43	0.00	0.00	0.00	0.00	
15,244.27	91.43	359.47	9,939.12	5,931.59	-18.19	2.00	2.00	0.00	0.00	
18,210.44	91.43	359.47	9,865.00	8,896.70	-45.86	0.00	0.00	0.00	0.00	BLUS 134 PBHL (5' F



Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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
247.50	0.75	166.61	247.49	-1.57	0.37	-1.57	0.30	0.30	0.00
341.50	0.70	141.47	341.49	-2.61	0.87	-2.61	0.34	-0.05	-26.74
436.50	0.31	119.06	436.48	-3.19	1.46	-3.19	0.45	-0.41	-23.59
530.50	0.48	59.64	530.48	-3.12	2.02	-3.12	0.45	0.18	-63.21
625.50	0.22	54.20	625.48	-2.81	2.51	-2.81	0.28	-0.27	-5.73
719.50	0.75	71.69	719.47	-2.51	3.24	-2.51	0.58	0.56	18.61
814.50	0.88	50.33	814.47	-1.85	4.39	-1.85	0.35	0.14	-22.48
908.50	1.14	75.82	908.45	-1.16	5.86	-1.16	0.55	0.28	27.12
1,003.50	1.32	73.09	1,003.43	-0.61	7.82	-0.61	0.20	0.19	-2.87
1,097.50	1.49	72.39	1,097.40	0.07	10.02	0.07	0.18	0.18	-0.74
1,184.00	1.41	73.08	1,183.87	0.73	12.11	0.73	0.09	-0.09	0.79
Start Drop -2.00									
1,200.00	1.09	73.08	1,199.87	0.83	12.45	0.83	2.00	-2.00	0.00
1,254.50	0.00	73.08	1,254.37	0.98	12.94	0.98	2.00	-2.00	0.00
Start 4345.44 hold at 1254.50 MD									
1,254.57	0.00	0.00	1,254.43	0.98	12.94	0.98	2.00	-2.00	0.00
1,300.00	0.00	0.00	1,299.87	0.98	12.94	0.98	0.00	0.00	0.00
1,400.00	0.00	0.00	1,399.87	0.98	12.94	0.98	0.00	0.00	0.00
1,500.00	0.00	0.00	1,499.87	0.98	12.94	0.98	0.00	0.00	0.00
1,600.00	0.00	0.00	1,599.87	0.98	12.94	0.98	0.00	0.00	0.00
1,700.00	0.00	0.00	1,699.87	0.98	12.94	0.98	0.00	0.00	0.00
1,800.00	0.00	0.00	1,799.87	0.98	12.94	0.98	0.00	0.00	0.00
1,900.00	0.00	0.00	1,899.87	0.98	12.94	0.98	0.00	0.00	0.00
2,000.00	0.00	0.00	1,999.87	0.98	12.94	0.98	0.00	0.00	0.00
2,100.00	0.00	0.00	2,099.87	0.98	12.94	0.98	0.00	0.00	0.00
2,200.00	0.00	0.00	2,199.87	0.98	12.94	0.98	0.00	0.00	0.00
2,300.00	0.00	0.00	2,299.87	0.98	12.94	0.98	0.00	0.00	0.00
2,400.00	0.00	0.00	2,399.87	0.98	12.94	0.98	0.00	0.00	0.00
2,500.00	0.00	0.00	2,499.87	0.98	12.94	0.98	0.00	0.00	0.00
2,600.00	0.00	0.00	2,599.87	0.98	12.94	0.98	0.00	0.00	0.00
2,700.00	0.00	0.00	2,699.87	0.98	12.94	0.98	0.00	0.00	0.00
2,800.00	0.00	0.00	2,799.87	0.98	12.94	0.98	0.00	0.00	0.00
2,900.00	0.00	0.00	2,899.87	0.98	12.94	0.98	0.00	0.00	0.00
3,000.00	0.00	0.00	2,999.87	0.98	12.94	0.98	0.00	0.00	0.00
3,100.00	0.00	0.00	3,099.87	0.98	12.94	0.98	0.00	0.00	0.00
3,200.00	0.00	0.00	3,199.87	0.98	12.94	0.98	0.00	0.00	0.00
3,300.00	0.00	0.00	3,299.87	0.98	12.94	0.98	0.00	0.00	0.00
3,400.00	0.00	0.00	3,399.87	0.98	12.94	0.98	0.00	0.00	0.00
3,500.00	0.00	0.00	3,499.87	0.98	12.94	0.98	0.00	0.00	0.00
3,600.00	0.00	0.00	3,599.87	0.98	12.94	0.98	0.00	0.00	0.00
3,700.00	0.00	0.00	3,699.87	0.98	12.94	0.98	0.00	0.00	0.00
3,800.00	0.00	0.00	3,799.87	0.98	12.94	0.98	0.00	0.00	0.00
3,900.00	0.00	0.00	3,899.87	0.98	12.94	0.98	0.00	0.00	0.00
4,000.00	0.00	0.00	3,999.87	0.98	12.94	0.98	0.00	0.00	0.00
4,100.00	0.00	0.00	4,099.87	0.98	12.94	0.98	0.00	0.00	0.00
4,200.00	0.00	0.00	4,199.87	0.98	12.94	0.98	0.00	0.00	0.00
4,300.00	0.00	0.00	4,299.87	0.98	12.94	0.98	0.00	0.00	0.00
4,400.00	0.00	0.00	4,399.87	0.98	12.94	0.98	0.00	0.00	0.00
4,500.00	0.00	0.00	4,499.87	0.98	12.94	0.98	0.00	0.00	0.00
4,600.00	0.00	0.00	4,599.87	0.98	12.94	0.98	0.00	0.00	0.00
4,700.00	0.00	0.00	4,699.87	0.98	12.94	0.98	0.00	0.00	0.00
4,800.00	0.00	0.00	4,799.87	0.98	12.94	0.98	0.00	0.00	0.00
4,900.00	0.00	0.00	4,899.87	0.98	12.94	0.98	0.00	0.00	0.00



Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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)
5,000.00	0.00	0.00	4,999.87	0.98	12.94	0.98	0.00	0.00	0.00
5,100.00	0.00	0.00	5,099.87	0.98	12.94	0.98	0.00	0.00	0.00
5,200.00	0.00	0.00	5,199.87	0.98	12.94	0.98	0.00	0.00	0.00
5,300.00	0.00	0.00	5,299.87	0.98	12.94	0.98	0.00	0.00	0.00
5,400.00	0.00	0.00	5,399.87	0.98	12.94	0.98	0.00	0.00	0.00
5,500.00	0.00	0.00	5,499.87	0.98	12.94	0.98	0.00	0.00	0.00
5,599.94	0.00	0.00	5,599.80	0.98	12.94	0.98	0.00	0.00	0.00
Start Build 2.00									
5,700.00	2.00	347.09	5,699.85	2.68	12.55	2.68	2.00	2.00	0.00
5,800.00	4.00	347.09	5,799.70	7.78	11.38	7.78	2.00	2.00	0.00
5,900.00	6.00	347.09	5,899.32	16.28	9.44	16.28	2.00	2.00	0.00
6,000.00	8.00	347.09	5,998.57	28.16	6.71	28.16	2.00	2.00	0.00
6,089.89	9.80	347.09	6,087.37	41.72	3.61	41.72	2.00	2.00	0.00
Start 1953.56 hold at 6089.89 MD									
6,100.00	9.80	347.09	6,097.33	43.39	3.22	43.39	0.00	0.00	0.00
6,200.00	9.80	347.09	6,195.87	59.98	-0.58	59.98	0.00	0.00	0.00
6,300.00	9.80	347.09	6,294.42	76.57	-4.38	76.57	0.00	0.00	0.00
6,400.00	9.80	347.09	6,392.96	93.16	-8.18	93.16	0.00	0.00	0.00
6,500.00	9.80	347.09	6,491.50	109.75	-11.98	109.75	0.00	0.00	0.00
6,600.00	9.80	347.09	6,590.04	126.34	-15.79	126.34	0.00	0.00	0.00
6,700.00	9.80	347.09	6,688.58	142.93	-19.59	142.93	0.00	0.00	0.00
6,800.00	9.80	347.09	6,787.12	159.52	-23.39	159.52	0.00	0.00	0.00
6,900.00	9.80	347.09	6,885.66	176.11	-27.19	176.11	0.00	0.00	0.00
7,000.00	9.80	347.09	6,984.20	192.70	-30.99	192.70	0.00	0.00	0.00
7,100.00	9.80	347.09	7,082.74	209.29	-34.80	209.29	0.00	0.00	0.00
7,200.00	9.80	347.09	7,181.28	225.88	-38.60	225.88	0.00	0.00	0.00
7,300.00	9.80	347.09	7,279.83	242.47	-42.40	242.47	0.00	0.00	0.00
7,400.00	9.80	347.09	7,378.37	259.06	-46.20	259.06	0.00	0.00	0.00
7,500.00	9.80	347.09	7,476.91	275.65	-50.00	275.65	0.00	0.00	0.00
7,600.00	9.80	347.09	7,575.45	292.23	-53.80	292.23	0.00	0.00	0.00
7,700.00	9.80	347.09	7,673.99	308.82	-57.61	308.82	0.00	0.00	0.00
7,800.00	9.80	347.09	7,772.53	325.41	-61.41	325.41	0.00	0.00	0.00
7,900.00	9.80	347.09	7,871.07	342.00	-65.21	342.00	0.00	0.00	0.00
8,000.00	9.80	347.09	7,969.61	358.59	-69.01	358.59	0.00	0.00	0.00
8,043.45	9.80	347.09	8,012.43	365.80	-70.66	365.80	0.00	0.00	0.00
Start Drop -2.00									
8,100.00	8.67	347.09	8,068.25	374.64	-72.69	374.64	2.00	-2.00	0.00
8,200.00	6.67	347.09	8,167.35	387.65	-75.67	387.65	2.00	-2.00	0.00
8,300.00	4.67	347.09	8,266.85	397.28	-77.88	397.28	2.00	-2.00	0.00
8,400.00	2.67	347.09	8,366.64	403.51	-79.31	403.51	2.00	-2.00	0.00
8,500.00	0.67	347.09	8,466.60	406.35	-79.96	406.35	2.00	-2.00	0.00
8,533.41	0.00	0.00	8,500.00	406.54	-80.00	406.54	2.00	-2.00	0.00
Start 852.04 hold at 8533.41 MD									
8,600.00	0.00	0.00	8,566.59	406.54	-80.00	406.54	0.00	0.00	0.00
8,700.00	0.00	0.00	8,666.59	406.54	-80.00	406.54	0.00	0.00	0.00
8,800.00	0.00	0.00	8,766.59	406.54	-80.00	406.54	0.00	0.00	0.00
8,900.00	0.00	0.00	8,866.59	406.54	-80.00	406.54	0.00	0.00	0.00
9,000.00	0.00	0.00	8,966.59	406.54	-80.00	406.54	0.00	0.00	0.00
9,100.00	0.00	0.00	9,066.59	406.54	-80.00	406.54	0.00	0.00	0.00
9,200.00	0.00	0.00	9,166.59	406.54	-80.00	406.54	0.00	0.00	0.00
9,300.00	0.00	0.00	9,266.59	406.54	-80.00	406.54	0.00	0.00	0.00
9,385.45	0.00	0.00	9,352.04	406.54	-80.00	406.54	0.00	0.00	0.00
Start Build 10.00									



Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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)
9,400.00	1.46	7.80	9,366.59	406.72	-79.97	406.72	10.00	10.00	0.00
9,450.00	6.46	7.80	9,416.46	410.14	-79.51	410.14	10.00	10.00	0.00
9,500.00	11.46	7.80	9,465.83	417.85	-78.45	417.85	10.00	10.00	0.00
9,550.00	16.46	7.80	9,514.34	429.79	-76.82	429.79	10.00	10.00	0.00
9,600.00	21.46	7.80	9,561.62	445.88	-74.61	445.88	10.00	10.00	0.00
9,650.00	26.46	7.80	9,607.29	465.98	-71.86	465.98	10.00	10.00	0.00
9,700.00	31.46	7.80	9,651.03	489.96	-68.57	489.96	10.00	10.00	0.00
9,750.00	36.46	7.80	9,692.49	517.62	-64.78	517.62	10.00	10.00	0.00
9,800.00	41.46	7.80	9,731.36	548.75	-60.52	548.75	10.00	10.00	0.00
9,850.00	46.46	7.80	9,767.34	583.13	-55.81	583.13	10.00	10.00	0.00
9,900.00	51.46	7.80	9,800.16	620.48	-50.69	620.48	10.00	10.00	0.00
9,950.00	56.46	7.80	9,829.58	660.52	-45.21	660.52	10.00	10.00	0.00
10,000.00	61.46	7.80	9,855.35	702.95	-39.40	702.95	10.00	10.00	0.00
10,050.00	66.46	7.80	9,877.30	747.44	-33.30	747.44	10.00	10.00	0.00
10,100.00	71.46	7.80	9,895.25	793.66	-26.97	793.66	10.00	10.00	0.00
10,150.00	76.46	7.80	9,909.06	841.25	-20.45	841.25	10.00	10.00	0.00
10,200.00	81.46	7.80	9,918.64	889.85	-13.79	889.85	10.00	10.00	0.00
10,250.00	86.46	7.80	9,923.90	939.10	-7.05	939.10	10.00	10.00	0.00
10,285.45	90.00	7.80	9,925.00	974.20	-2.24	974.20	10.00	10.00	0.00
Start DLS 2.00 TFO -90.00									
10,300.00	90.00	7.51	9,925.00	988.62	-0.30	988.62	2.00	0.00	-2.00
10,400.00	90.00	5.51	9,925.00	1,087.97	11.03	1,087.97	2.00	0.00	-2.00
10,500.00	90.00	3.51	9,925.00	1,187.66	18.89	1,187.66	2.00	0.00	-2.00
10,600.00	90.00	1.51	9,925.00	1,287.56	23.27	1,287.56	2.00	0.00	-2.00
10,701.51	90.00	359.48	9,925.00	1,389.06	24.15	1,389.06	2.00	0.00	-2.00
Start 160.95 hold at 10701.51 MD									
10,800.00	90.00	359.48	9,925.00	1,487.54	23.25	1,487.54	0.00	0.00	0.00
10,862.46	90.00	359.48	9,925.00	1,550.00	22.68	1,550.00	0.00	0.00	0.00
Start DLS 2.00 TFO -176.21									
10,872.47	89.80	359.47	9,925.02	1,560.01	22.59	1,560.01	2.00	-2.00	-0.13
Start 4290.20 hold at 10872.47 MD									
10,900.00	89.80	359.47	9,925.11	1,587.54	22.33	1,587.54	0.00	0.00	0.00
11,000.00	89.80	359.47	9,925.46	1,687.53	21.40	1,687.53	0.00	0.00	0.00
11,100.00	89.80	359.47	9,925.81	1,787.53	20.47	1,787.53	0.00	0.00	0.00
11,200.00	89.80	359.47	9,926.16	1,887.52	19.53	1,887.52	0.00	0.00	0.00
11,300.00	89.80	359.47	9,926.51	1,987.52	18.60	1,987.52	0.00	0.00	0.00
11,400.00	89.80	359.47	9,926.86	2,087.51	17.67	2,087.51	0.00	0.00	0.00
11,500.00	89.80	359.47	9,927.21	2,187.51	16.74	2,187.51	0.00	0.00	0.00
11,600.00	89.80	359.47	9,927.56	2,287.50	15.80	2,287.50	0.00	0.00	0.00
11,700.00	89.80	359.47	9,927.91	2,387.50	14.87	2,387.50	0.00	0.00	0.00
11,800.00	89.80	359.47	9,928.26	2,487.49	13.94	2,487.49	0.00	0.00	0.00
11,900.00	89.80	359.47	9,928.61	2,587.49	13.00	2,587.49	0.00	0.00	0.00
12,000.00	89.80	359.47	9,928.96	2,687.48	12.07	2,687.48	0.00	0.00	0.00
12,100.00	89.80	359.47	9,929.30	2,787.48	11.14	2,787.48	0.00	0.00	0.00
12,200.00	89.80	359.47	9,929.65	2,887.47	10.21	2,887.47	0.00	0.00	0.00
12,300.00	89.80	359.47	9,930.00	2,987.47	9.27	2,987.47	0.00	0.00	0.00
12,400.00	89.80	359.47	9,930.35	3,087.46	8.34	3,087.46	0.00	0.00	0.00
12,500.00	89.80	359.47	9,930.70	3,187.46	7.41	3,187.46	0.00	0.00	0.00
12,600.00	89.80	359.47	9,931.05	3,287.45	6.47	3,287.45	0.00	0.00	0.00
12,700.00	89.80	359.47	9,931.40	3,387.45	5.54	3,387.45	0.00	0.00	0.00
12,800.00	89.80	359.47	9,931.75	3,487.44	4.61	3,487.44	0.00	0.00	0.00
12,900.00	89.80	359.47	9,932.10	3,587.44	3.68	3,587.44	0.00	0.00	0.00
13,000.00	89.80	359.47	9,932.45	3,687.43	2.74	3,687.43	0.00	0.00	0.00
13,100.00	89.80	359.47	9,932.80	3,787.43	1.81	3,787.43	0.00	0.00	0.00



Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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)
13,200.00	89.80	359.47	9,933.15	3,887.42	0.88	3,887.42	0.00	0.00	0.00
13,300.00	89.80	359.47	9,933.50	3,987.42	-0.06	3,987.42	0.00	0.00	0.00
13,400.00	89.80	359.47	9,933.84	4,087.41	-0.99	4,087.41	0.00	0.00	0.00
13,500.00	89.80	359.47	9,934.19	4,187.41	-1.92	4,187.41	0.00	0.00	0.00
13,600.00	89.80	359.47	9,934.54	4,287.40	-2.86	4,287.40	0.00	0.00	0.00
13,700.00	89.80	359.47	9,934.89	4,387.40	-3.79	4,387.40	0.00	0.00	0.00
13,800.00	89.80	359.47	9,935.24	4,487.39	-4.72	4,487.39	0.00	0.00	0.00
13,900.00	89.80	359.47	9,935.59	4,587.39	-5.65	4,587.39	0.00	0.00	0.00
14,000.00	89.80	359.47	9,935.94	4,687.38	-6.59	4,687.38	0.00	0.00	0.00
14,100.00	89.80	359.47	9,936.29	4,787.38	-7.52	4,787.38	0.00	0.00	0.00
14,200.00	89.80	359.47	9,936.64	4,887.37	-8.45	4,887.37	0.00	0.00	0.00
14,300.00	89.80	359.47	9,936.99	4,987.37	-9.39	4,987.37	0.00	0.00	0.00
14,400.00	89.80	359.47	9,937.34	5,087.37	-10.32	5,087.37	0.00	0.00	0.00
14,500.00	89.80	359.47	9,937.69	5,187.36	-11.25	5,187.36	0.00	0.00	0.00
14,600.00	89.80	359.47	9,938.04	5,287.36	-12.18	5,287.36	0.00	0.00	0.00
14,700.00	89.80	359.47	9,938.38	5,387.35	-13.12	5,387.35	0.00	0.00	0.00
14,800.00	89.80	359.47	9,938.73	5,487.35	-14.05	5,487.35	0.00	0.00	0.00
14,900.00	89.80	359.47	9,939.08	5,587.34	-14.98	5,587.34	0.00	0.00	0.00
15,000.00	89.80	359.47	9,939.43	5,687.34	-15.92	5,687.34	0.00	0.00	0.00
15,100.00	89.80	359.47	9,939.78	5,787.33	-16.85	5,787.33	0.00	0.00	0.00
15,162.67	89.80	359.47	9,940.00	5,850.00	-17.43	5,850.00	0.00	0.00	0.00
Start DLS 2.00 TFO 0.00									
15,200.00	90.55	359.47	9,939.89	5,887.33	-17.78	5,887.33	2.00	2.00	0.00
15,244.27	91.43	359.47	9,939.12	5,931.59	-18.19	5,931.59	2.00	2.00	0.00
Start 2966.16 hold at 15244.27 MD									
15,300.00	91.43	359.47	9,937.73	5,987.30	-18.71	5,987.30	0.00	0.00	0.00
15,400.00	91.43	359.47	9,935.23	6,087.26	-19.65	6,087.26	0.00	0.00	0.00
15,500.00	91.43	359.47	9,932.73	6,187.23	-20.58	6,187.23	0.00	0.00	0.00
15,600.00	91.43	359.47	9,930.23	6,287.19	-21.51	6,287.19	0.00	0.00	0.00
15,700.00	91.43	359.47	9,927.73	6,387.15	-22.44	6,387.15	0.00	0.00	0.00
15,800.00	91.43	359.47	9,925.24	6,487.12	-23.38	6,487.12	0.00	0.00	0.00
15,900.00	91.43	359.47	9,922.74	6,587.08	-24.31	6,587.08	0.00	0.00	0.00
16,000.00	91.43	359.47	9,920.24	6,687.05	-25.24	6,687.05	0.00	0.00	0.00
16,100.00	91.43	359.47	9,917.74	6,787.01	-26.17	6,787.01	0.00	0.00	0.00
16,200.00	91.43	359.47	9,915.24	6,886.98	-27.11	6,886.98	0.00	0.00	0.00
16,300.00	91.43	359.47	9,912.74	6,986.94	-28.04	6,986.94	0.00	0.00	0.00
16,400.00	91.43	359.47	9,910.24	7,086.91	-28.97	7,086.91	0.00	0.00	0.00
16,500.00	91.43	359.47	9,907.74	7,186.87	-29.90	7,186.87	0.00	0.00	0.00
16,600.00	91.43	359.47	9,905.24	7,286.83	-30.84	7,286.83	0.00	0.00	0.00
16,700.00	91.43	359.47	9,902.75	7,386.80	-31.77	7,386.80	0.00	0.00	0.00
16,800.00	91.43	359.47	9,900.25	7,486.76	-32.70	7,486.76	0.00	0.00	0.00
16,900.00	91.43	359.47	9,897.75	7,586.73	-33.64	7,586.73	0.00	0.00	0.00
17,000.00	91.43	359.47	9,895.25	7,686.69	-34.57	7,686.69	0.00	0.00	0.00
17,100.00	91.43	359.47	9,892.75	7,786.66	-35.50	7,786.66	0.00	0.00	0.00
17,200.00	91.43	359.47	9,890.25	7,886.62	-36.43	7,886.62	0.00	0.00	0.00
17,300.00	91.43	359.47	9,887.75	7,986.58	-37.37	7,986.58	0.00	0.00	0.00
17,400.00	91.43	359.47	9,885.25	8,086.55	-38.30	8,086.55	0.00	0.00	0.00
17,500.00	91.43	359.47	9,882.75	8,186.51	-39.23	8,186.51	0.00	0.00	0.00
17,600.00	91.43	359.47	9,880.25	8,286.48	-40.16	8,286.48	0.00	0.00	0.00
17,700.00	91.43	359.47	9,877.76	8,386.44	-41.10	8,386.44	0.00	0.00	0.00
17,800.00	91.43	359.47	9,875.26	8,486.41	-42.03	8,486.41	0.00	0.00	0.00
17,900.00	91.43	359.47	9,872.76	8,586.37	-42.96	8,586.37	0.00	0.00	0.00
18,000.00	91.43	359.47	9,870.26	8,686.34	-43.89	8,686.34	0.00	0.00	0.00



Planning Report



Database:	1 - EDM Production	Local Co-ordinate Reference:	Well Bell Lake South Unit 134H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Project:	LEA COUNTY, N.M. BLUS	MD Reference:	RKB 26.5' + GL 3588 @ 3614.50usft
Site:	SEC 5-T24S-R34E	North Reference:	Grid
Well:	Bell Lake South Unit 134H	Survey Calculation Method:	Minimum Curvature
Wellbore:	Wellbore #1		
Design:	Plan 6		

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)
18,100.00	91.43	359.47	9,867.76	8,786.30	-44.83	8,786.30	0.00	0.00	0.00
18,200.00	91.43	359.47	9,865.26	8,886.26	-45.76	8,886.26	0.00	0.00	0.00
18,210.44	91.43	359.47	9,865.00	8,896.70	-45.86	8,896.70	0.00	0.00	0.00
TD at 18210.44									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
BLUS 134 PBHL (5' FNL	0.00	0.00	9,865.00	8,896.70	-45.86	462,374.69	802,039.14	32.26832637	-103.48987546
- plan hits target center									
- Point									
BLUS 134 LTP (100' FNL	0.00	0.00	9,865.30	8,801.73	-44.97	462,279.72	802,040.03	32.26806532	-103.48987501
- plan misses target center by 2.07usft at 18115.49usft MD (9867.37 TVD, 8801.78 N, -44.97 E)									
- Point									
BLUS 134 FTP (2630' FI	0.00	0.00	9,925.00	999.80	28.59	454,477.79	802,113.59	32.24661941	-103.48983537
- plan misses target center by 27.22usft at 10314.38usft MD (9925.00 TVD, 1002.89 N, 1.54 E)									
- Point									

Casing Points					
Measured Depth (usft)	Vertical Depth (usft)	Name	Casing Diameter (")	Hole Diameter (")	
17,893.18	9,872.93	20" Casing	20	24	

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
1,184.00	1,183.87	0.73	12.11	Start Drop -2.00
1,254.50	1,254.37	0.98	12.94	Start 4345.44 hold at 1254.50 MD
5,599.94	5,599.80	0.98	12.94	Start Build 2.00
6,089.89	6,087.37	41.72	3.61	Start 1953.56 hold at 6089.89 MD
8,043.45	8,012.43	365.80	-70.66	Start Drop -2.00
8,533.41	8,500.00	406.54	-80.00	Start 852.04 hold at 8533.41 MD
9,385.45	9,352.04	406.54	-80.00	Start Build 10.00
10,285.45	9,925.00	974.20	-2.24	Start DLS 2.00 TFO -90.00
10,701.51	9,925.00	1,389.06	24.15	Start 160.95 hold at 10701.51 MD
10,862.46	9,925.00	1,550.00	22.68	Start DLS 2.00 TFO -176.21
10,872.47	9,925.02	1,560.01	22.59	Start 4290.20 hold at 10872.47 MD
15,162.67	9,940.00	5,850.00	-17.43	Start DLS 2.00 TFO 0.00
15,244.27	9,939.12	5,931.59	-18.19	Start 2966.16 hold at 15244.27 MD
18,210.44	9,865.00	8,896.70	-45.86	TD at 18210.44

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 534556

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468	OGRID: 12361
	Action Number: 534556
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
matthew.gomez	No additives containing PFAS chemicals will be added to the drilling fluids or completion fluids used during drilling, completions, or recompletions operations.	12/15/2025
matthew.gomez	All previous COA's still apply.	12/15/2025