

Sante Fe Main Office
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General Information
Phone: (505) 629-6116

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<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

Form C-101
August 1, 2011

Permit 378143

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

| | | |
|--|--|-------------------------------|
| 1. Operator Name and Address KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 741211468 | | 2. OGRID Number 12361 |
| 4. Property Code 316706 | | 3. API Number 30-025-53940 |
| 5. Property Name BELL LAKE UNIT SOUTH | | 6. Well No. 634H |

7. Surface Location

| | | | | | | | | | |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| J | 5 | 24S | 34E | J | 1620 | S | 2003 | E | Lea |

8. Proposed Bottom Hole Location

| | | | | | | | | | |
|----------|---------|----------|-------|---------|-----------|----------|-----------|----------|--------|
| UL - Lot | Section | Township | Range | Lot Idn | Feet From | N/S Line | Feet From | E/W Line | County |
| B | 32 | 23S | 34E | B | 25 | N | 2120 | E | Lea |

9. Pool Information

| | |
|------------------------------|-------|
| BELL LAKE;BONE SPRING, SOUTH | 98264 |
|------------------------------|-------|

Additional Well Information

| | | | | |
|---------------------------|-----------------------------|--|---------------------------|------------------------------------|
| 11. Work Type New Well | 12. Well Type OIL | 13. Cable/Rotary | 14. Lease Type Private | 15. Ground Level Elevation 3588 |
| 16. Multiple N | 17. Proposed Depth 17050 | 18. Formation Bone Spring | 19. Contractor | 20. Spud Date 1/15/2025 |
| Depth to Ground water | | Distance from nearest fresh water well | | Distance to nearest surface water |

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

| Type | Hole Size | Casing Size | Casing Weight/ft | Setting Depth | Sacks of Cement | Estimated TOC |
|------|-----------|-------------|------------------|---------------|-----------------|---------------|
| Surf | 17.5 | 13.375 | 54.5 | 1350 | 750 | 0 |
| Int1 | 12.25 | 9.625 | 45.5 | 5150 | 700 | 0 |
| Prod | 8.5 | 5.5 | 20 | 17050 | 70 | 0 |

Casing/Cement Program: Additional Comments

| |
|--|
| |
|--|

22. Proposed Blowout Prevention Program

| Type | Working Pressure | Test Pressure | Manufacturer |
|------------|------------------|---------------|--------------|
| Annular | 5000 | 3500 | CAMERON |
| Double Ram | 10000 | 5000 | CAMERON |
| Pipe | 10000 | 5000 | CAMERON |

| | |
|--|--|
| 23. I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify I have complied with 19.15.14.9 (A) NMAC <input checked="" type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input checked="" type="checkbox"/> if applicable. Signature: | OIL CONSERVATION DIVISION |
| Printed Name: Electronically filed by Christina Opfer | Approved By: Paul F Kautz |
| Title: | Title: Geologist |
| Email Address: christinaO@kfoc.net | Approved Date: 11/19/2024 Expiration Date: 11/19/2026 |
| Date: 11/18/2024 Phone: 918-491-4468 | Conditions of Approval Attached |

| | | | |
|--|--|-------------------------------------|---|
| 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: | <input checked="" type="checkbox"/> Initial Submittal |
| | | | <input type="checkbox"/> Amended Report |
| | | <input type="checkbox"/> As Drilled | |

WELL LOCATION AND ACREAGE DEDICATION PLAT

| | | |
|--|---|---|
| API Number | Pool Code 98264 | Pool Name Bell Lake; Bone Spring, South |
| Property Code 316706 | Property Name BELL LAKE UNIT SOUTH | Well Number 634H |
| OGRID No. 12361 | Operator Name KAISER-FRANCIS OIL COMPANY | Ground Level Elevation 3588' |
| Surface Owner: <input type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal | | Mineral Owner: <input checked="" type="checkbox"/> State <input checked="" type="checkbox"/> Fee <input type="checkbox"/> Tribal <input type="checkbox"/> Federal |

Surface Location

| | | | | | | | | | |
|--------------------|--------------|------------------|---------------|--------------|------------------------------|------------------------------|--------------------------|----------------------------|---------------|
| UL or lot no. J | Section 5 | Township 24-S | Range 34-E | Lot Idn - | Feet from the N/S 1620' S | Feet from the E/W 2003' E | Latitude N 32.2437903 | Longitude W 103.4899522 | County LEA |
|--------------------|--------------|------------------|---------------|--------------|------------------------------|------------------------------|--------------------------|----------------------------|---------------|

Bottom Hole Location

| | | | | | | | | | |
|--------------------|---------------|------------------|---------------|--------------|----------------------------|------------------------------|--------------------------|----------------------------|---------------|
| UL or lot no. B | Section 32 | Township 23-S | Range 34-E | Lot Idn - | Feet from the N/S 25' N | Feet from the E/W 2120' E | Latitude N 32.2682741 | Longitude W 103.4903787 | County 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: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |

Kick Off Point (KOP)

| | | | | | | | | | |
|--------------------|--------------|------------------|---------------|--------------|------------------------------|------------------------------|--------------------------|----------------------------|---------------|
| UL or lot no. J | Section 5 | Township 24-S | Range 34-E | Lot Idn - | Feet from the N/S 1620' S | Feet from the E/W 2003' E | Latitude N 32.2437903 | Longitude W 103.4899522 | County LEA |
|--------------------|--------------|------------------|---------------|--------------|------------------------------|------------------------------|--------------------------|----------------------------|---------------|

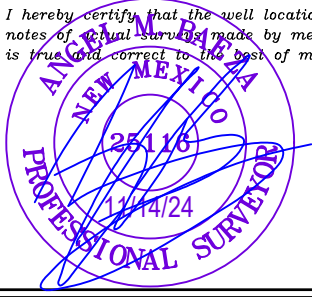
First Take Point (FTP)

| | | | | | | | | | |
|--------------------|--------------|------------------|---------------|--------------|------------------------------|------------------------------|--------------------------|----------------------------|---------------|
| UL or lot no. G | Section 5 | Township 24-S | Range 34-E | Lot Idn - | Feet from the N/S 2630' N | Feet from the E/W 2120' E | Latitude N 32.2466050 | Longitude W 103.4903379 | County LEA |
|--------------------|--------------|------------------|---------------|--------------|------------------------------|------------------------------|--------------------------|----------------------------|---------------|

Last Take Point (LTP)

| | | | | | | | | | |
|--------------------|---------------|------------------|---------------|--------------|-----------------------------|------------------------------|--------------------------|----------------------------|---------------|
| UL or lot no. B | Section 32 | Township 23-S | Range 34-E | Lot Idn - | Feet from the N/S 100' N | Feet from the E/W 2120' E | Latitude N 32.2680680 | Longitude W 103.4903784 | County LEA |
|--------------------|---------------|------------------|---------------|--------------|-----------------------------|------------------------------|--------------------------|----------------------------|---------------|

| | | |
|--|--|---------------------------------|
| Unitized Area or Area of Uniform Intrest UNITIZED | Spacing Unity Type <input checked="" type="checkbox"/> Horizontal <input type="checkbox"/> 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> Christina Opfer 11/18/2024 Signature Date Christina Opfer Print Name ChristinaO@kfoc.net E-mail Address | | 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>  Signature and Seal of Professional Surveyor Date Certificate Number Date of Survey 11/04/2024 | |
|--|--|---|--|

| | | | |
|---|--|-------------------------------------|--|
| 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: | <input checked="checked" type="checkbox"/> Initial Submittal |
| | | | <input type="checkbox"/> Amended Report |
| Property Name and Well Number | | <input type="checkbox"/> As Drilled | |
| BELL LAKE UNIT SOUTH 634H | | | |

**SURFACE LOCATION (SHL)
KICK OFF POINT (KOP)**
NEW MEXICO EAST
NAD 1983
X=802086 Y=453448
LAT.: N 32.2437903
LONG.: W 103.4899522
1620' FSL 2003' FWL

FIRST TAKE POINT (FTP)
NEW MEXICO EAST
NAD 1983
X=801958 Y=454471
LAT.: N 32.2466050
LONG.: W 103.4903379
2630' FNL 2120' FEL

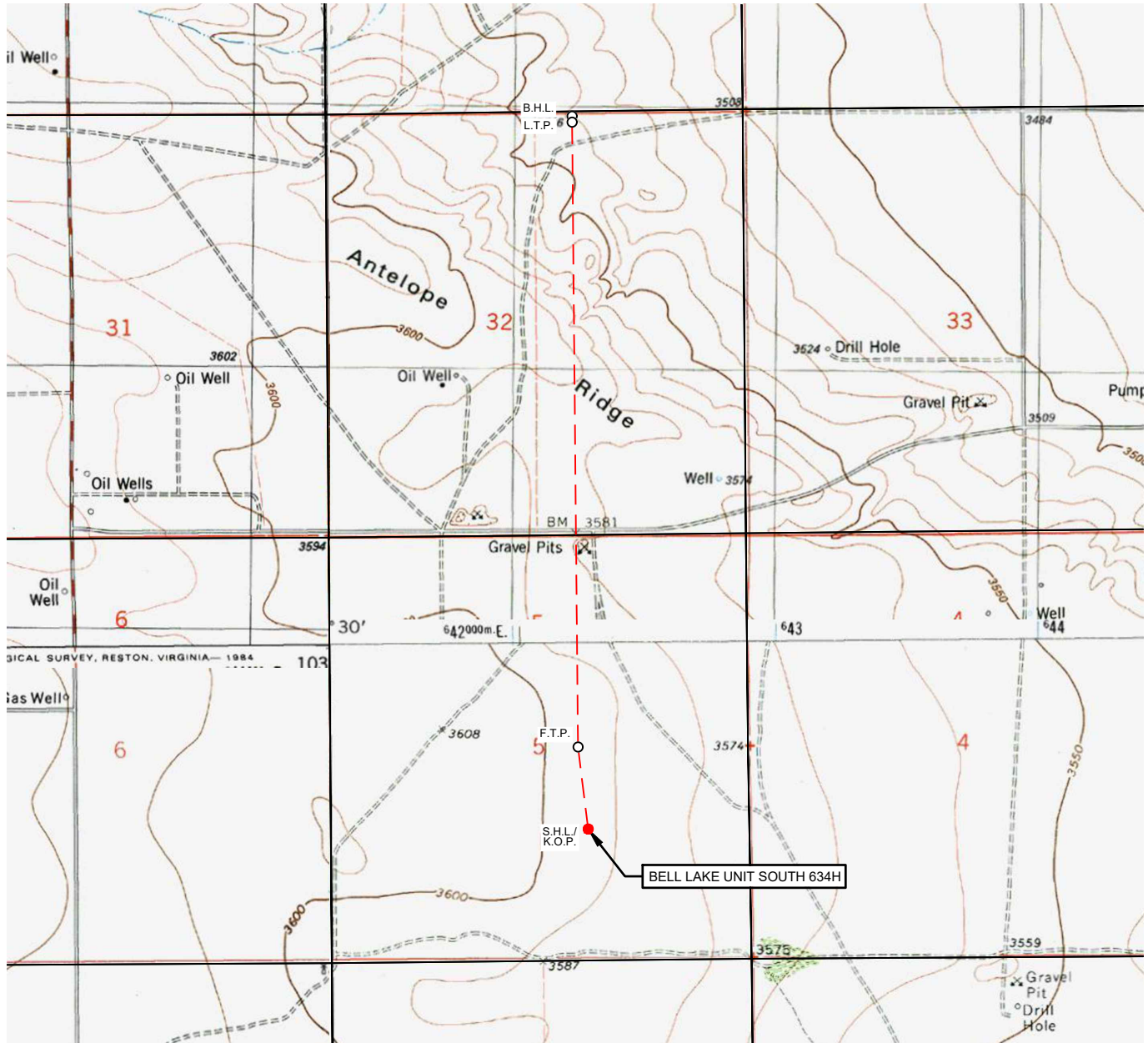
LAST TAKE POINT (LTP)
NEW MEXICO EAST
NAD 1983
X=801884 Y=462279
LAT.: N 32.2680680
LONG.: W 103.4903784
100' FNL 2120' FEL

BOTTOM HOLE LOCATION (BHL)
NEW MEXICO EAST
NAD 1983
X=801884 Y=462354
LAT.: N 32.2682741
LONG.: W 103.4903787
25' FNL 2120' FEL

The survey plat depicts a grid of land lots, specifically Section 5, T-24-S, R-34-E. The grid is divided into four lots: LOT 1 (top right), LOT 2 (top left), LOT 3 (bottom left), and LOT 4 (bottom right). The section is bounded by dashed lines representing section corners. Key survey points are marked with red dots and labeled: SHL/KOP (Surface Location Kick Off Point) at the bottom center, FTP (First Take Point) at the bottom left, LTP (Last Take Point) at the top left, and BHL (Bottom Hole Location) at the top center. A red dashed line connects these points, with bearings and distances noted: AZ = 359.46° 75.0' from SHL/KOP to LTP, and AZ = 359.46° 7808.5' from LTP to BHL. Other bearings and distances are provided for the boundary lines, such as 1620' and 2003' for the bottom boundary, and 2120' and 1031.0' for the right boundary. Section numbers 30, 29, 31, 32, 33, 6, 5, 4, 7, 8, and 9 are indicated at the corners of the section. A box in the upper right corner contains the text: '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'. A title block in the lower right corner contains the text: '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:'. A circular professional seal for Angel M. Baeza, New Mexico Professional Surveyor, is located in the bottom right corner, with the date 11/14/24 and the number 25116.

Released to Imaging: 11/19/2024 3:17:31 PM

LOCATION & ELEVATION VERIFICATION MAP



KAISER-FRANCIS OIL COMPANY

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 634H

SECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.
 COUNTY LEA STATE NM ELEVATION 3588'
 DESCRIPTION 1620' FSL & 2003' FEL

LATITUDE N 32.2437903 LONGITUDE W 103.4899522

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.

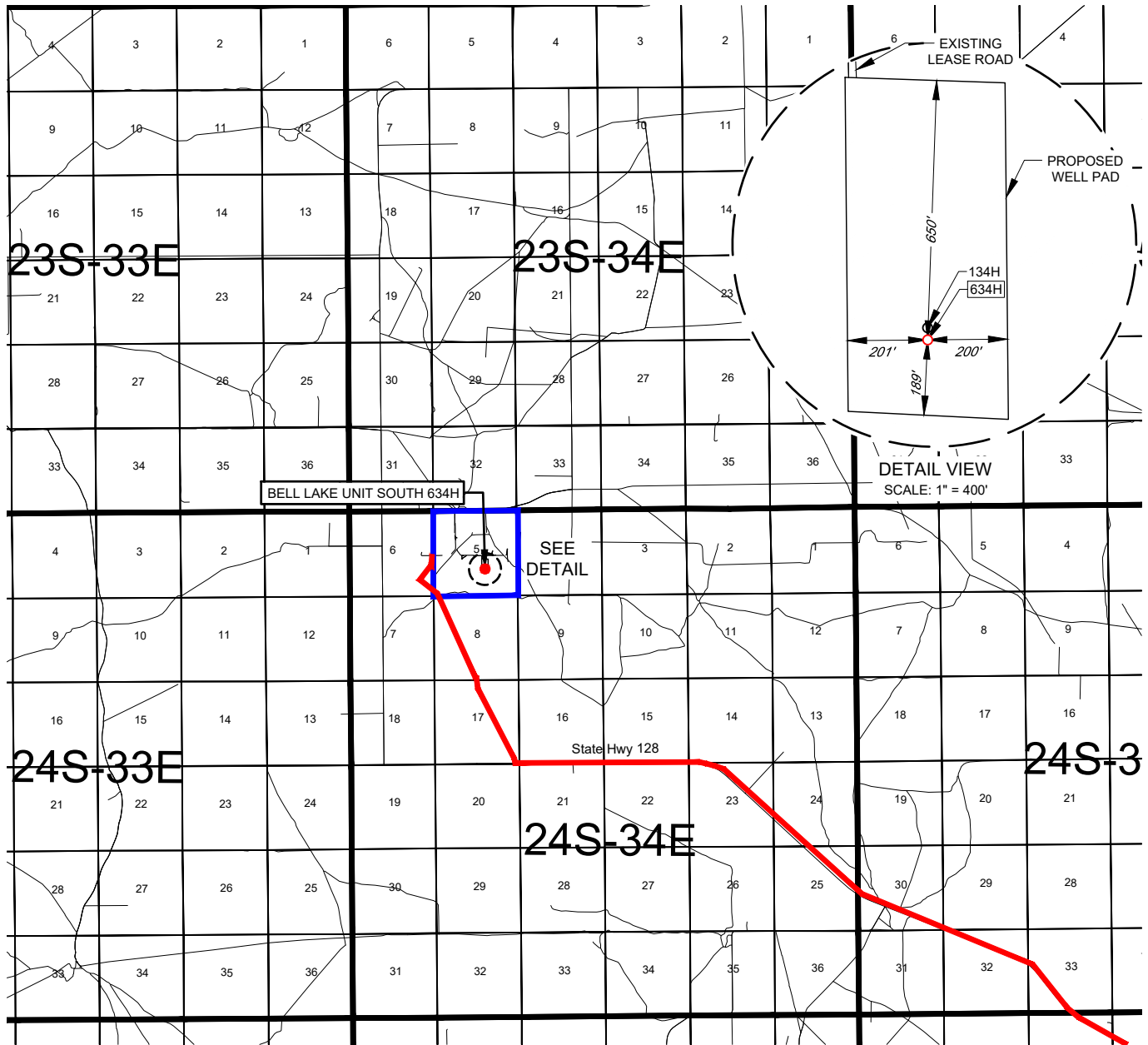


481 WINSOFT ROAD, Ste. 200 • BENBROOK, TEXAS 76126

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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

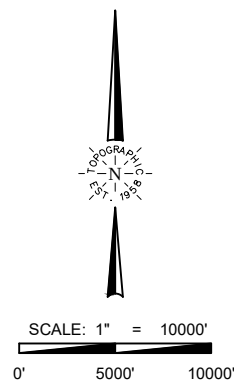
LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 634HSECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.COUNTY LEA STATE NMDESCRIPTION 1620' FSL & 2003' FEL

DISTANCE & DIRECTION

FROM INT. OF NM-128 & NM-18. GO WEST ON NM-128 ±19.0 MILES.
THENCE NORTH (RIGHT) ON A LEASE RD ±2.84 MILES TO A POINT
±5025 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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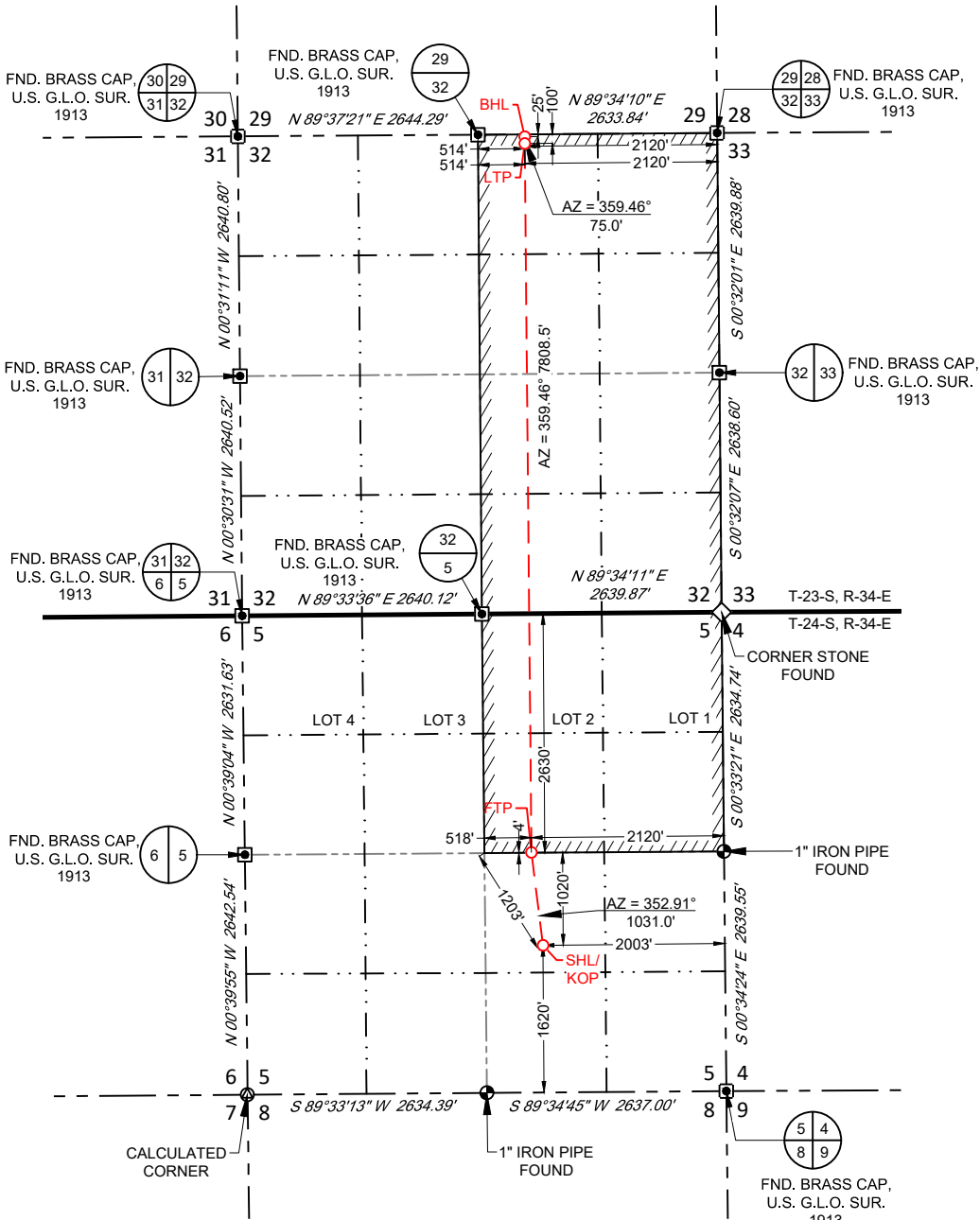
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KAISER-FRANCIS OIL COMPANY

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=802086 Y=453448

LAT.: N 32.2437903

LONG.: W 103.4899522

1620' FSL 2003' FWL

FIRST TAKE POINT (FTP)

NEW MEXICO EAST

NAD 1983

X=801958 Y=454471

LAT.: N 32.2466050

LONG.: W 103.4903379

2630' FNL 2120' FEL

LAST TAKE POINT (LTP)

NEW MEXICO EAST

NAD 1983

X=801884 Y=462279

LAT.: N 32.2680680

LONG.: W 103.4903784

100' FNL 2120' FEL

BOTTOM HOLE LOCATION (BHL)

NEW MEXICO EAST

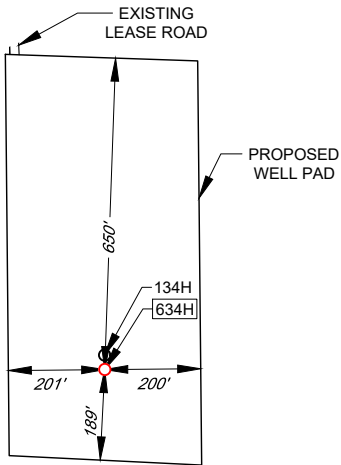
NAD 1983

X=801884 Y=462354

LAT.: N 32.2682741

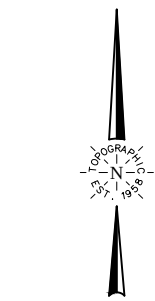
LONG.: W 103.4903787

25' FNL 2120' FEL



DETAIL VIEW

SCALE: 1" = 400'



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

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 634H

SECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM
DESCRIPTION 1620' FSL & 2003' FEL

DISTANCE & DIRECTION
FROM INT. OF NM-128 & NM-18, GO WEST ON NM-128 ±19.0 MILES.
THENCE NORTH (RIGHT) ON A LEASE RD ±2.84 MILES TO A POINT ±5025
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.

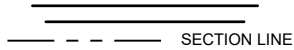
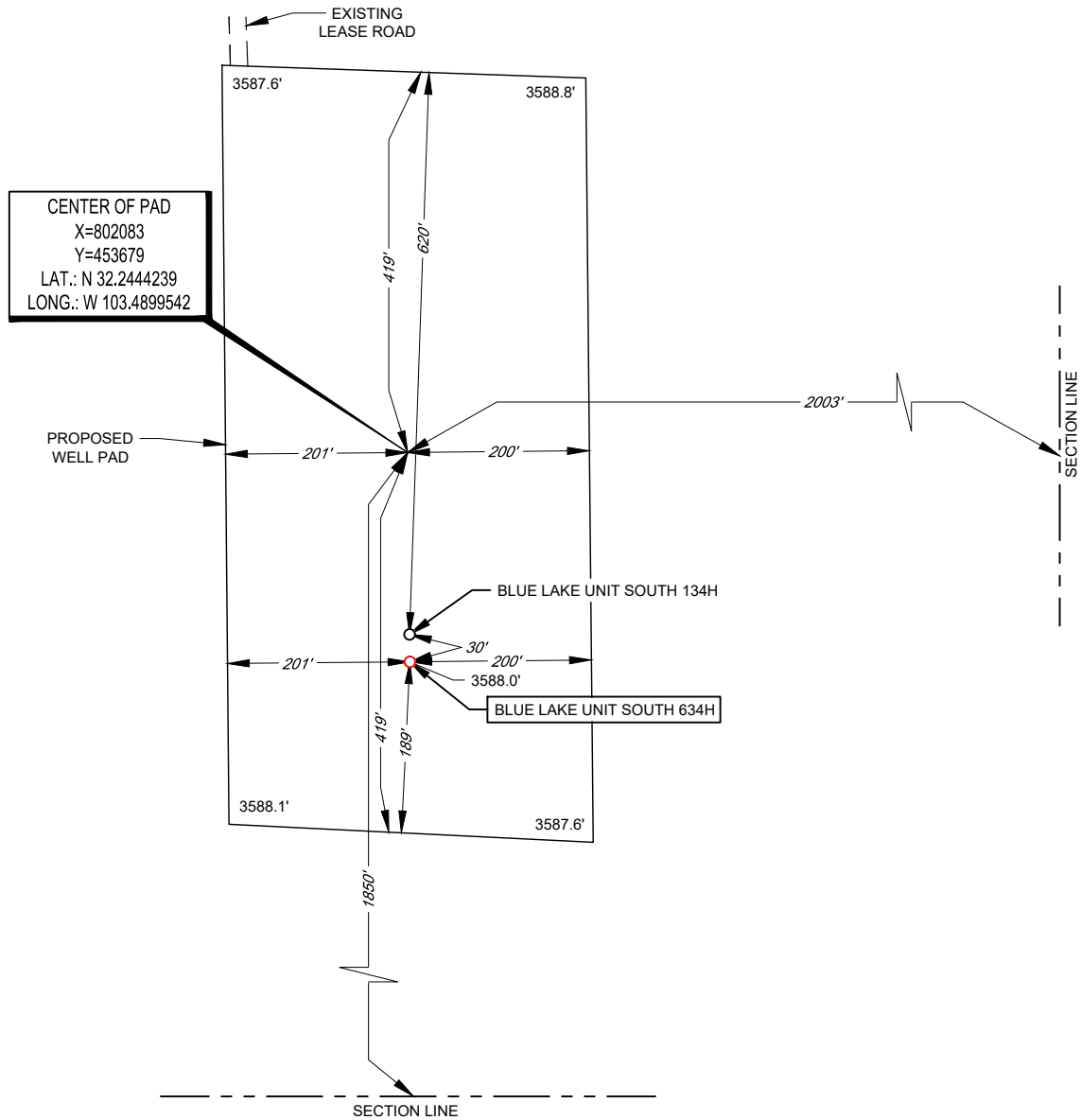


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KAISER-FRANCIS OIL COMPANY

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 634H
 634H LATITUDE N 32.2437903 634H LONGITUDE W 103.4899522

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'

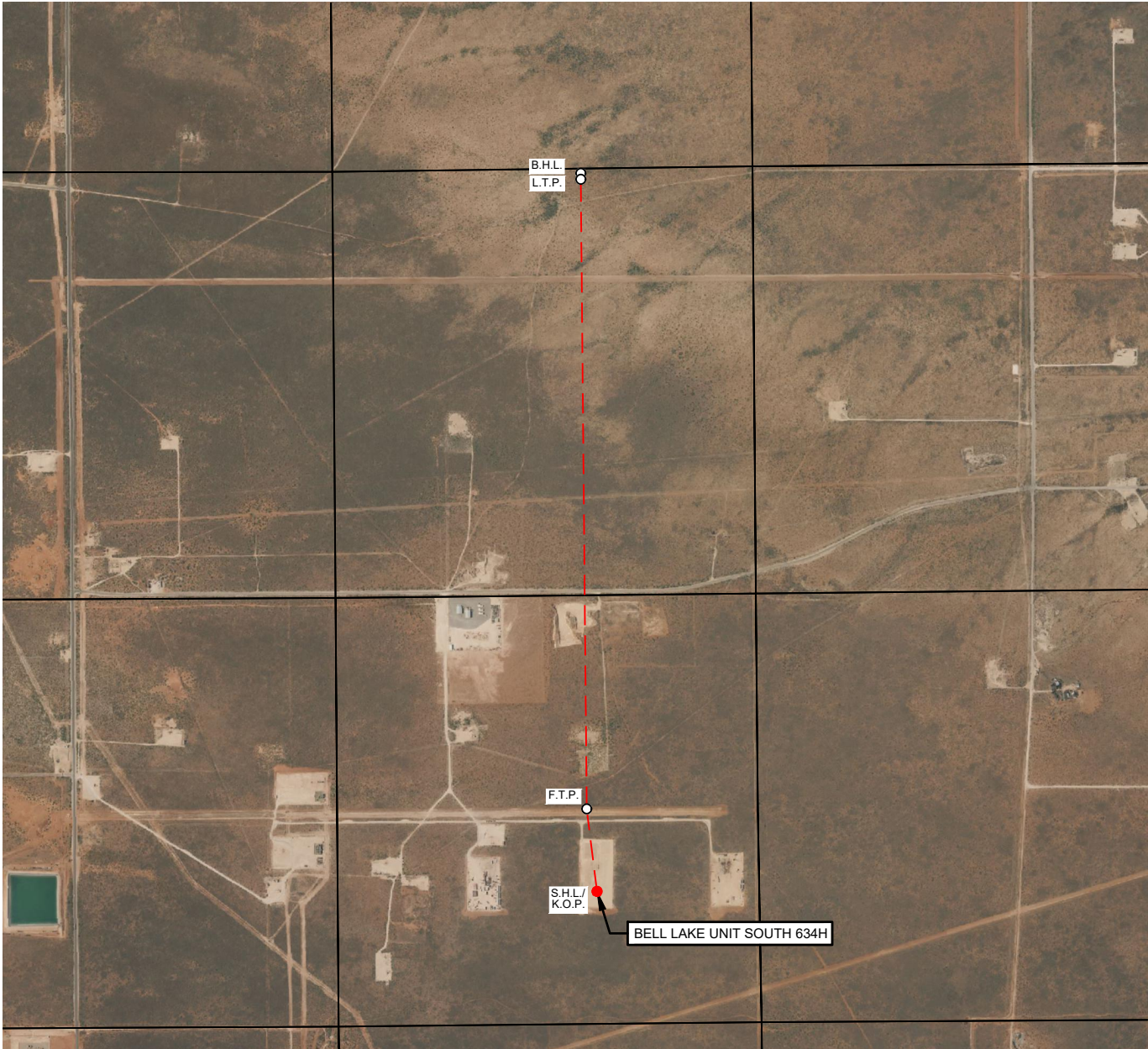
0' 100' 200'



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 WWW.TOPOGRAPHIC.COM

ORIGINAL DOCUMENT SIZE: 8.5" X 11"

AERIAL PHOTO

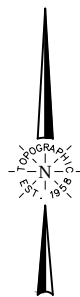


KAISER-FRANCIS OIL COMPANY

LEASE NAME & WELL NO.: BELL LAKE UNIT SOUTH 634H

SECTION 5 TWP 24-S RGE 34-E SURVEY N.M.P.M.
COUNTY LEA STATE NM ELEVATION 3588'
DESCRIPTION 1620' FSL & 2003' FEL

LATITUDE N 32.2437903 LONGITUDE W 103.4899522



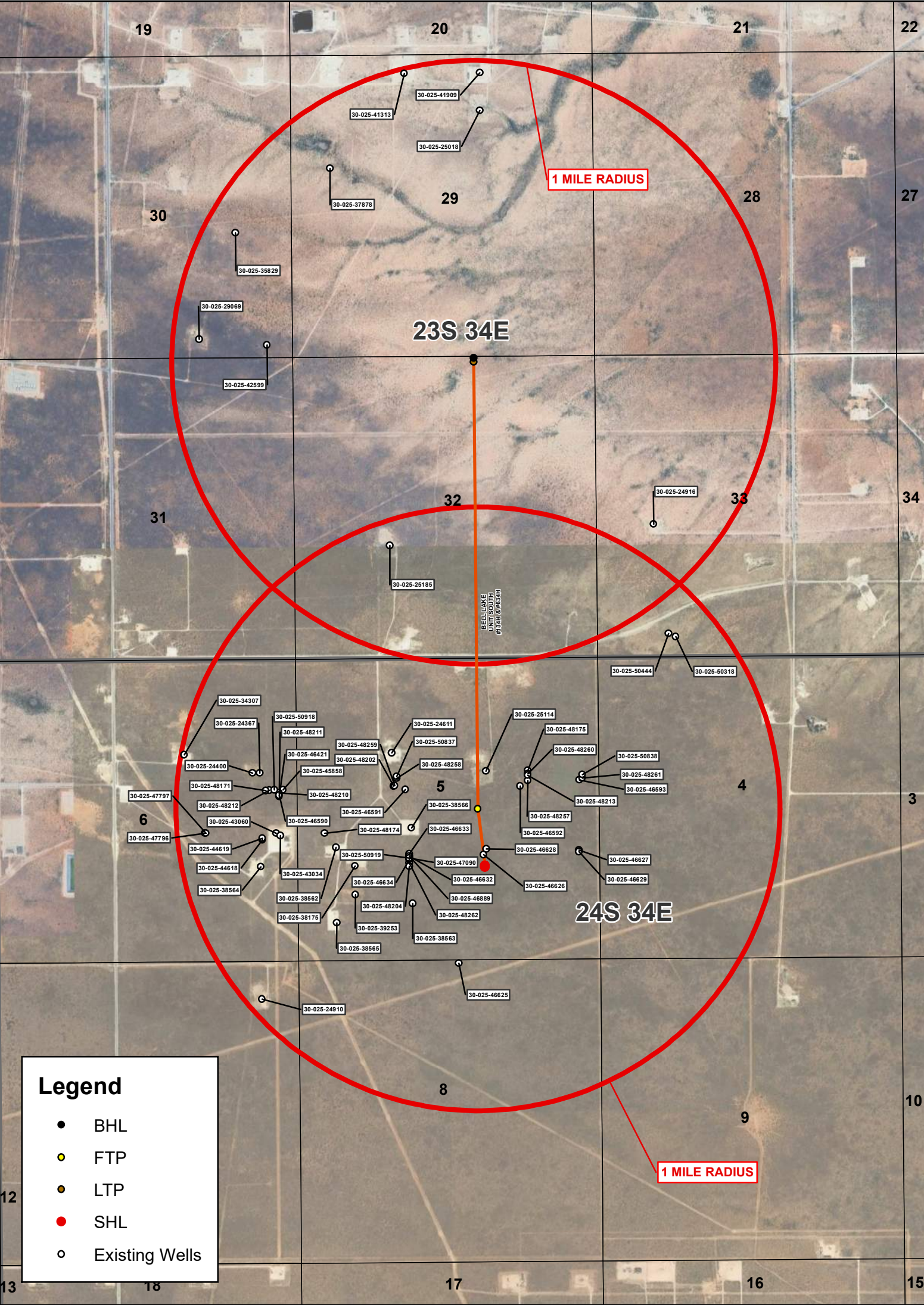
SCALE: 1" = 2000'
0' 1000' 2000'

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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EXHIBIT 3

SBL PAD 15
KAISER-FRANCIS OIL COMPANY
SECTION 5, TOWNSHIP 24-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.



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TELEPHONE: (817) 744-7512 • FAX: (817) 744-7554
TEXAS FIRM REGISTRATION NO. 10042504
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

Form APD Conditions
Permit 378143

PERMIT CONDITIONS OF APPROVAL

| | |
|--|-------------------------------------|
| Operator Name and Address: KAISER-FRANCIS OIL CO [12361] PO Box 21468 Tulsa, OK 741211468 | API Number: 30-025-53940 |
| | Well: BELL LAKE UNIT SOUTH #634H |

| | |
|-----------------|---|
| OCD Reviewer | Condition |
| pkautz | File As Drilled C-102 and a directional Survey with C-104 completion packet. |
| pkautz | Once the well is spud, to prevent ground water contamination through whole or partial conduits from the surface, the operator shall drill without interruption through the fresh water zone or zones and shall immediately set in cement the water protection string. |
| pkautz | Oil base muds are not to be used until fresh water zones are cased and cemented providing isolation from the oil or diesel. This includes synthetic oils. Oil based mud, drilling fluids and solids must be contained in a steel closed loop system. |
| pkautz | Cement is required to circulate on both surface and intermediate1 strings of casing. |
| pkautz | If cement does not circulate on any string, a Cement Bond Log (CBL) is required for that string of casing. |
| pkautz | Notify the OCD 24 hours prior to casing & cement. |
| pkautz | A [C-103] Sub. Drilling (C-103N) is required within (10) days of spud. |



KAISER FRANCIS OIL CO.

LEA COUNTY, N.M.

SEC 5-T24S-R34E

Bell Lake Unit South #634H

Wellbore #1

Plan: Plan 2

Standard Planning Report

18 November, 2024

Kaiser-Francis Oil Company



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 2 | | |

| | | | |
|--------------------|---------------------------|----------------------|----------------|
| Project | LEA COUNTY, N.M. | | |
| 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 |
| From: | Map | Easting: | 803,730.65 usft |
| Position Uncertainty: | 0.00 usft | Slot Radius: | 13-3/16 " |
| | | Latitude: | 32.24795476 |
| | | Longitude: | -103.48459260 |

| | | | |
|-----------------------------|----------------------------|----------------------------|----------------------------------|
| Well | Bell Lake Unit South #634H | | |
| Well Position | +N/-S | 0.00 usft | Northing: 453,448.00 usft |
| | +E/-W | 0.00 usft | Easting: 802,086.00 usft |
| Position Uncertainty | 0.50 usft | Wellhead Elevation: | usft |
| Grid Convergence: | 0.45 ° | Ground Level: | 3,588.00 usft |

| | | | | | |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| Wellbore | Wellbore #1 | | | | |
| Magnetics | Model Name | Sample Date | Declination (°) | Dip Angle (°) | Field Strength (nT) |
| | BGGM CURRENT | 10/22/2024 | 6.22 | 59.81 | 47,318.40000000 |

| | | | | | |
|--------------------------|--------------------------------|---------------------|----------------------|----------------------|--|
| 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 | 0.00 | |

| | | | | | |
|---------------------------------|------------------------|--------------------------|----------------------|----------------|--|
| Plan Survey Tool Program | Date | 11/18/2024 | | | |
| Depth From (usft) | Depth To (usft) | Survey (Wellbore) | Tool Name | Remarks | |
| 1 | 0.00 | 17,112.68 | Plan 2 (Wellbore #1) | MWD+HRGM | |
| | | | OWSG MWD + HRGM | | |



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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 | |
| 5,300.00 | 0.00 | 0.00 | 5,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 5,891.50 | 11.83 | 344.08 | 5,887.30 | 58.51 | -16.69 | 2.00 | 2.00 | 0.00 | 344.08 | |
| 7,654.33 | 11.83 | 344.08 | 7,612.70 | 406.04 | -115.85 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 8,245.83 | 0.00 | 0.00 | 8,200.00 | 464.55 | -132.54 | 2.00 | -2.00 | 0.00 | 180.00 | Plan @ 8200.00 (Bell |
| 8,436.57 | 0.00 | 0.00 | 8,390.74 | 464.55 | -132.54 | 0.00 | 0.00 | 0.00 | 0.00 | |
| 9,079.43 | 90.00 | 0.40 | 8,800.00 | 873.80 | -129.68 | 14.00 | 14.00 | 0.00 | 0.40 | |
| 9,125.58 | 90.00 | 359.48 | 8,800.00 | 919.95 | -129.73 | 2.00 | 0.00 | -2.00 | -90.00 | |
| 17,037.68 | 90.00 | 359.48 | 8,800.00 | 8,831.72 | -201.97 | 0.00 | 0.00 | 0.00 | 0.00 | BLUS 634H LTP(100' |
| 17,112.68 | 90.00 | 359.48 | 8,800.00 | 8,906.72 | -202.65 | 0.00 | 0.00 | 0.00 | 0.00 | |



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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 |
| 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 |
| 1,700.00 | 0.00 | 0.00 | 1,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,800.00 | 0.00 | 0.00 | 1,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,900.00 | 0.00 | 0.00 | 1,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,000.00 | 0.00 | 0.00 | 2,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,100.00 | 0.00 | 0.00 | 2,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,200.00 | 0.00 | 0.00 | 2,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,300.00 | 0.00 | 0.00 | 2,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,400.00 | 0.00 | 0.00 | 2,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,500.00 | 0.00 | 0.00 | 2,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,600.00 | 0.00 | 0.00 | 2,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,700.00 | 0.00 | 0.00 | 2,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,800.00 | 0.00 | 0.00 | 2,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,900.00 | 0.00 | 0.00 | 2,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,000.00 | 0.00 | 0.00 | 3,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,100.00 | 0.00 | 0.00 | 3,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,200.00 | 0.00 | 0.00 | 3,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,300.00 | 0.00 | 0.00 | 3,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,400.00 | 0.00 | 0.00 | 3,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,500.00 | 0.00 | 0.00 | 3,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,600.00 | 0.00 | 0.00 | 3,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,700.00 | 0.00 | 0.00 | 3,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,800.00 | 0.00 | 0.00 | 3,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,900.00 | 0.00 | 0.00 | 3,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,000.00 | 0.00 | 0.00 | 4,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,100.00 | 0.00 | 0.00 | 4,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,200.00 | 0.00 | 0.00 | 4,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,300.00 | 0.00 | 0.00 | 4,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,400.00 | 0.00 | 0.00 | 4,400.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,500.00 | 0.00 | 0.00 | 4,500.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,600.00 | 0.00 | 0.00 | 4,600.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,700.00 | 0.00 | 0.00 | 4,700.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,800.00 | 0.00 | 0.00 | 4,800.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4,900.00 | 0.00 | 0.00 | 4,900.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,000.00 | 0.00 | 0.00 | 5,000.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,100.00 | 0.00 | 0.00 | 5,100.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,200.00 | 0.00 | 0.00 | 5,200.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 5,300.00 | 0.00 | 0.00 | 5,300.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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) |
| Start Build 2.00 | | | | | | | | | |
| 5,400.00 | 2.00 | 344.08 | 5,399.98 | 1.68 | -0.48 | 1.68 | 2.00 | 2.00 | 0.00 |
| 5,500.00 | 4.00 | 344.08 | 5,499.84 | 6.71 | -1.91 | 6.71 | 2.00 | 2.00 | 0.00 |
| 5,600.00 | 6.00 | 344.08 | 5,599.45 | 15.09 | -4.31 | 15.09 | 2.00 | 2.00 | 0.00 |
| 5,700.00 | 8.00 | 344.08 | 5,698.70 | 26.81 | -7.65 | 26.81 | 2.00 | 2.00 | 0.00 |
| 5,800.00 | 10.00 | 344.08 | 5,797.47 | 41.85 | -11.94 | 41.85 | 2.00 | 2.00 | 0.00 |
| 5,891.50 | 11.83 | 344.08 | 5,887.30 | 58.51 | -16.69 | 58.51 | 2.00 | 2.00 | 0.00 |
| Start 1762.84 hold at 5891.50 MD | | | | | | | | | |
| 5,900.00 | 11.83 | 344.08 | 5,895.63 | 60.19 | -17.17 | 60.19 | 0.00 | 0.00 | 0.00 |
| 6,000.00 | 11.83 | 344.08 | 5,993.50 | 79.90 | -22.80 | 79.90 | 0.00 | 0.00 | 0.00 |
| 6,100.00 | 11.83 | 344.08 | 6,091.38 | 99.62 | -28.42 | 99.62 | 0.00 | 0.00 | 0.00 |
| 6,200.00 | 11.83 | 344.08 | 6,189.25 | 119.33 | -34.05 | 119.33 | 0.00 | 0.00 | 0.00 |
| 6,300.00 | 11.83 | 344.08 | 6,287.13 | 139.04 | -39.67 | 139.04 | 0.00 | 0.00 | 0.00 |
| 6,400.00 | 11.83 | 344.08 | 6,385.01 | 158.76 | -45.30 | 158.76 | 0.00 | 0.00 | 0.00 |
| 6,500.00 | 11.83 | 344.08 | 6,482.88 | 178.47 | -50.92 | 178.47 | 0.00 | 0.00 | 0.00 |
| 6,600.00 | 11.83 | 344.08 | 6,580.76 | 198.19 | -56.54 | 198.19 | 0.00 | 0.00 | 0.00 |
| 6,700.00 | 11.83 | 344.08 | 6,678.63 | 217.90 | -62.17 | 217.90 | 0.00 | 0.00 | 0.00 |
| 6,800.00 | 11.83 | 344.08 | 6,776.51 | 237.61 | -67.79 | 237.61 | 0.00 | 0.00 | 0.00 |
| 6,900.00 | 11.83 | 344.08 | 6,874.39 | 257.33 | -73.42 | 257.33 | 0.00 | 0.00 | 0.00 |
| 7,000.00 | 11.83 | 344.08 | 6,972.26 | 277.04 | -79.04 | 277.04 | 0.00 | 0.00 | 0.00 |
| 7,100.00 | 11.83 | 344.08 | 7,070.14 | 296.76 | -84.67 | 296.76 | 0.00 | 0.00 | 0.00 |
| 7,200.00 | 11.83 | 344.08 | 7,168.01 | 316.47 | -90.29 | 316.47 | 0.00 | 0.00 | 0.00 |
| 7,300.00 | 11.83 | 344.08 | 7,265.89 | 336.18 | -95.92 | 336.18 | 0.00 | 0.00 | 0.00 |
| 7,400.00 | 11.83 | 344.08 | 7,363.77 | 355.90 | -101.54 | 355.90 | 0.00 | 0.00 | 0.00 |
| 7,500.00 | 11.83 | 344.08 | 7,461.64 | 375.61 | -107.17 | 375.61 | 0.00 | 0.00 | 0.00 |
| 7,600.00 | 11.83 | 344.08 | 7,559.52 | 395.33 | -112.79 | 395.33 | 0.00 | 0.00 | 0.00 |
| 7,654.33 | 11.83 | 344.08 | 7,612.70 | 406.04 | -115.85 | 406.04 | 0.00 | 0.00 | 0.00 |
| Start Drop -2.00 | | | | | | | | | |
| 7,700.00 | 10.92 | 344.08 | 7,657.47 | 414.70 | -118.32 | 414.70 | 2.00 | -2.00 | 0.00 |
| 7,800.00 | 8.92 | 344.08 | 7,755.97 | 431.26 | -123.04 | 431.26 | 2.00 | -2.00 | 0.00 |
| 7,900.00 | 6.92 | 344.08 | 7,855.01 | 444.50 | -126.82 | 444.50 | 2.00 | -2.00 | 0.00 |
| 8,000.00 | 4.92 | 344.08 | 7,954.47 | 454.41 | -129.65 | 454.41 | 2.00 | -2.00 | 0.00 |
| 8,100.00 | 2.92 | 344.08 | 8,054.23 | 460.98 | -131.52 | 460.98 | 2.00 | -2.00 | 0.00 |
| 8,200.00 | 0.92 | 344.08 | 8,154.17 | 464.20 | -132.44 | 464.20 | 2.00 | -2.00 | 0.00 |
| 8,245.83 | 0.00 | 0.00 | 8,200.00 | 464.55 | -132.54 | 464.55 | 2.00 | -2.00 | 0.00 |
| Start 190.74 hold at 8245.83 MD | | | | | | | | | |
| 8,300.00 | 0.00 | 0.00 | 8,254.17 | 464.55 | -132.54 | 464.55 | 0.00 | 0.00 | 0.00 |
| 8,400.00 | 0.00 | 0.00 | 8,354.17 | 464.55 | -132.54 | 464.55 | 0.00 | 0.00 | 0.00 |
| 8,436.57 | 0.00 | 0.00 | 8,390.74 | 464.55 | -132.54 | 464.55 | 0.00 | 0.00 | 0.00 |
| Start Build 14.00 | | | | | | | | | |
| 8,450.00 | 1.88 | 0.40 | 8,404.17 | 464.77 | -132.54 | 464.77 | 14.00 | 14.00 | 0.00 |
| 8,475.00 | 5.38 | 0.40 | 8,429.11 | 466.35 | -132.53 | 466.35 | 14.00 | 14.00 | 0.00 |
| 8,500.00 | 8.88 | 0.40 | 8,453.92 | 469.46 | -132.51 | 469.46 | 14.00 | 14.00 | 0.00 |
| 8,525.00 | 12.38 | 0.40 | 8,478.48 | 474.07 | -132.47 | 474.07 | 14.00 | 14.00 | 0.00 |
| 8,550.00 | 15.88 | 0.40 | 8,502.72 | 480.17 | -132.43 | 480.17 | 14.00 | 14.00 | 0.00 |
| 8,575.00 | 19.38 | 0.40 | 8,526.55 | 487.74 | -132.38 | 487.74 | 14.00 | 14.00 | 0.00 |
| 8,600.00 | 22.88 | 0.40 | 8,549.86 | 496.75 | -132.32 | 496.75 | 14.00 | 14.00 | 0.00 |
| 8,625.00 | 26.38 | 0.40 | 8,572.58 | 507.17 | -132.24 | 507.17 | 14.00 | 14.00 | 0.00 |
| 8,650.00 | 29.88 | 0.40 | 8,594.63 | 518.95 | -132.16 | 518.95 | 14.00 | 14.00 | 0.00 |
| 8,675.00 | 33.38 | 0.40 | 8,615.91 | 532.06 | -132.07 | 532.06 | 14.00 | 14.00 | 0.00 |
| 8,700.00 | 36.88 | 0.40 | 8,636.35 | 546.44 | -131.97 | 546.44 | 14.00 | 14.00 | 0.00 |
| 8,725.00 | 40.38 | 0.40 | 8,655.88 | 562.05 | -131.86 | 562.05 | 14.00 | 14.00 | 0.00 |
| 8,750.00 | 43.88 | 0.40 | 8,674.42 | 578.82 | -131.74 | 578.82 | 14.00 | 14.00 | 0.00 |



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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) | |
| 8,775.00 | 47.38 | 0.40 | 8,691.90 | 596.68 | -131.62 | 596.68 | 14.00 | 14.00 | 0.00 | |
| 8,800.00 | 50.88 | 0.40 | 8,708.25 | 615.59 | -131.49 | 615.59 | 14.00 | 14.00 | 0.00 | |
| 8,825.00 | 54.38 | 0.40 | 8,723.42 | 635.45 | -131.35 | 635.45 | 14.00 | 14.00 | 0.00 | |
| 8,850.00 | 57.88 | 0.40 | 8,737.35 | 656.20 | -131.20 | 656.20 | 14.00 | 14.00 | 0.00 | |
| 8,875.00 | 61.38 | 0.40 | 8,749.99 | 677.77 | -131.05 | 677.77 | 14.00 | 14.00 | 0.00 | |
| 8,900.00 | 64.88 | 0.40 | 8,761.29 | 700.07 | -130.90 | 700.07 | 14.00 | 14.00 | 0.00 | |
| 8,925.00 | 68.38 | 0.40 | 8,771.20 | 723.01 | -130.74 | 723.01 | 14.00 | 14.00 | 0.00 | |
| 8,950.00 | 71.88 | 0.40 | 8,779.70 | 746.52 | -130.57 | 746.52 | 14.00 | 14.00 | 0.00 | |
| 8,975.00 | 75.38 | 0.40 | 8,786.75 | 770.50 | -130.40 | 770.50 | 14.00 | 14.00 | 0.00 | |
| 9,000.00 | 78.88 | 0.40 | 8,792.31 | 794.87 | -130.23 | 794.87 | 14.00 | 14.00 | 0.00 | |
| 9,025.00 | 82.38 | 0.40 | 8,796.38 | 819.53 | -130.06 | 819.53 | 14.00 | 14.00 | 0.00 | |
| 9,050.00 | 85.88 | 0.40 | 8,798.94 | 844.40 | -129.89 | 844.40 | 14.00 | 14.00 | 0.00 | |
| 9,075.00 | 89.38 | 0.40 | 8,799.97 | 869.37 | -129.71 | 869.37 | 14.00 | 14.00 | 0.00 | |
| 9,079.43 | 90.00 | 0.40 | 8,800.00 | 873.80 | -129.68 | 873.80 | 14.00 | 14.00 | 0.00 | |
| Start DLS 2.00 TFO -90.00 | | | | | | | | | | |
| 9,100.00 | 90.00 | 359.99 | 8,800.00 | 894.37 | -129.61 | 894.37 | 2.00 | 0.00 | -2.00 | |
| 9,125.58 | 90.00 | 359.48 | 8,800.00 | 919.95 | -129.73 | 919.95 | 2.00 | 0.00 | -2.00 | |
| Start 7912.10 hold at 9125.58 MD | | | | | | | | | | |
| 9,200.00 | 90.00 | 359.48 | 8,800.00 | 994.37 | -130.41 | 994.37 | 0.00 | 0.00 | 0.00 | |
| 9,300.00 | 90.00 | 359.48 | 8,800.00 | 1,094.36 | -131.32 | 1,094.36 | 0.00 | 0.00 | 0.00 | |
| 9,400.00 | 90.00 | 359.48 | 8,800.00 | 1,194.36 | -132.24 | 1,194.36 | 0.00 | 0.00 | 0.00 | |
| 9,500.00 | 90.00 | 359.48 | 8,800.00 | 1,294.35 | -133.15 | 1,294.35 | 0.00 | 0.00 | 0.00 | |
| 9,600.00 | 90.00 | 359.48 | 8,800.00 | 1,394.35 | -134.06 | 1,394.35 | 0.00 | 0.00 | 0.00 | |
| 9,700.00 | 90.00 | 359.48 | 8,800.00 | 1,494.34 | -134.98 | 1,494.34 | 0.00 | 0.00 | 0.00 | |
| 9,800.00 | 90.00 | 359.48 | 8,800.00 | 1,594.34 | -135.89 | 1,594.34 | 0.00 | 0.00 | 0.00 | |
| 9,900.00 | 90.00 | 359.48 | 8,800.00 | 1,694.34 | -136.80 | 1,694.34 | 0.00 | 0.00 | 0.00 | |
| 10,000.00 | 90.00 | 359.48 | 8,800.00 | 1,794.33 | -137.72 | 1,794.33 | 0.00 | 0.00 | 0.00 | |
| 10,100.00 | 90.00 | 359.48 | 8,800.00 | 1,894.33 | -138.63 | 1,894.33 | 0.00 | 0.00 | 0.00 | |
| 10,200.00 | 90.00 | 359.48 | 8,800.00 | 1,994.32 | -139.54 | 1,994.32 | 0.00 | 0.00 | 0.00 | |
| 10,300.00 | 90.00 | 359.48 | 8,800.00 | 2,094.32 | -140.45 | 2,094.32 | 0.00 | 0.00 | 0.00 | |
| 10,400.00 | 90.00 | 359.48 | 8,800.00 | 2,194.32 | -141.37 | 2,194.32 | 0.00 | 0.00 | 0.00 | |
| 10,500.00 | 90.00 | 359.48 | 8,800.00 | 2,294.31 | -142.28 | 2,294.31 | 0.00 | 0.00 | 0.00 | |
| 10,600.00 | 90.00 | 359.48 | 8,800.00 | 2,394.31 | -143.19 | 2,394.31 | 0.00 | 0.00 | 0.00 | |
| 10,700.00 | 90.00 | 359.48 | 8,800.00 | 2,494.30 | -144.11 | 2,494.30 | 0.00 | 0.00 | 0.00 | |
| 10,800.00 | 90.00 | 359.48 | 8,800.00 | 2,594.30 | -145.02 | 2,594.30 | 0.00 | 0.00 | 0.00 | |
| 10,900.00 | 90.00 | 359.48 | 8,800.00 | 2,694.29 | -145.93 | 2,694.29 | 0.00 | 0.00 | 0.00 | |
| 11,000.00 | 90.00 | 359.48 | 8,800.00 | 2,794.29 | -146.85 | 2,794.29 | 0.00 | 0.00 | 0.00 | |
| 11,100.00 | 90.00 | 359.48 | 8,800.00 | 2,894.29 | -147.76 | 2,894.29 | 0.00 | 0.00 | 0.00 | |
| 11,200.00 | 90.00 | 359.48 | 8,800.00 | 2,994.28 | -148.67 | 2,994.28 | 0.00 | 0.00 | 0.00 | |
| 11,300.00 | 90.00 | 359.48 | 8,800.00 | 3,094.28 | -149.58 | 3,094.28 | 0.00 | 0.00 | 0.00 | |
| 11,400.00 | 90.00 | 359.48 | 8,800.00 | 3,194.27 | -150.50 | 3,194.27 | 0.00 | 0.00 | 0.00 | |
| 11,500.00 | 90.00 | 359.48 | 8,800.00 | 3,294.27 | -151.41 | 3,294.27 | 0.00 | 0.00 | 0.00 | |
| 11,600.00 | 90.00 | 359.48 | 8,800.00 | 3,394.27 | -152.32 | 3,394.27 | 0.00 | 0.00 | 0.00 | |
| 11,700.00 | 90.00 | 359.48 | 8,800.00 | 3,494.26 | -153.24 | 3,494.26 | 0.00 | 0.00 | 0.00 | |
| 11,800.00 | 90.00 | 359.48 | 8,800.00 | 3,594.26 | -154.15 | 3,594.26 | 0.00 | 0.00 | 0.00 | |
| 11,900.00 | 90.00 | 359.48 | 8,800.00 | 3,694.25 | -155.06 | 3,694.25 | 0.00 | 0.00 | 0.00 | |
| 12,000.00 | 90.00 | 359.48 | 8,800.00 | 3,794.25 | -155.98 | 3,794.25 | 0.00 | 0.00 | 0.00 | |
| 12,100.00 | 90.00 | 359.48 | 8,800.00 | 3,894.24 | -156.89 | 3,894.24 | 0.00 | 0.00 | 0.00 | |
| 12,200.00 | 90.00 | 359.48 | 8,800.00 | 3,994.24 | -157.80 | 3,994.24 | 0.00 | 0.00 | 0.00 | |
| 12,300.00 | 90.00 | 359.48 | 8,800.00 | 4,094.24 | -158.71 | 4,094.24 | 0.00 | 0.00 | 0.00 | |
| 12,400.00 | 90.00 | 359.48 | 8,800.00 | 4,194.23 | -159.63 | 4,194.23 | 0.00 | 0.00 | 0.00 | |
| 12,500.00 | 90.00 | 359.48 | 8,800.00 | 4,294.23 | -160.54 | 4,294.23 | 0.00 | 0.00 | 0.00 | |
| 12,600.00 | 90.00 | 359.48 | 8,800.00 | 4,394.22 | -161.45 | 4,394.22 | 0.00 | 0.00 | 0.00 | |
| 12,700.00 | 90.00 | 359.48 | 8,800.00 | 4,494.22 | -162.37 | 4,494.22 | 0.00 | 0.00 | 0.00 | |



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| 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) | |
| 12,800.00 | 90.00 | 359.48 | 8,800.00 | 4,594.22 | -163.28 | 4,594.22 | 0.00 | 0.00 | 0.00 | |
| 12,900.00 | 90.00 | 359.48 | 8,800.00 | 4,694.21 | -164.19 | 4,694.21 | 0.00 | 0.00 | 0.00 | |
| 13,000.00 | 90.00 | 359.48 | 8,800.00 | 4,794.21 | -165.11 | 4,794.21 | 0.00 | 0.00 | 0.00 | |
| 13,100.00 | 90.00 | 359.48 | 8,800.00 | 4,894.20 | -166.02 | 4,894.20 | 0.00 | 0.00 | 0.00 | |
| 13,200.00 | 90.00 | 359.48 | 8,800.00 | 4,994.20 | -166.93 | 4,994.20 | 0.00 | 0.00 | 0.00 | |
| 13,300.00 | 90.00 | 359.48 | 8,800.00 | 5,094.19 | -167.84 | 5,094.19 | 0.00 | 0.00 | 0.00 | |
| 13,400.00 | 90.00 | 359.48 | 8,800.00 | 5,194.19 | -168.76 | 5,194.19 | 0.00 | 0.00 | 0.00 | |
| 13,500.00 | 90.00 | 359.48 | 8,800.00 | 5,294.19 | -169.67 | 5,294.19 | 0.00 | 0.00 | 0.00 | |
| 13,600.00 | 90.00 | 359.48 | 8,800.00 | 5,394.18 | -170.58 | 5,394.18 | 0.00 | 0.00 | 0.00 | |
| 13,700.00 | 90.00 | 359.48 | 8,800.00 | 5,494.18 | -171.50 | 5,494.18 | 0.00 | 0.00 | 0.00 | |
| 13,800.00 | 90.00 | 359.48 | 8,800.00 | 5,594.17 | -172.41 | 5,594.17 | 0.00 | 0.00 | 0.00 | |
| 13,900.00 | 90.00 | 359.48 | 8,800.00 | 5,694.17 | -173.32 | 5,694.17 | 0.00 | 0.00 | 0.00 | |
| 14,000.00 | 90.00 | 359.48 | 8,800.00 | 5,794.17 | -174.24 | 5,794.17 | 0.00 | 0.00 | 0.00 | |
| 14,100.00 | 90.00 | 359.48 | 8,800.00 | 5,894.16 | -175.15 | 5,894.16 | 0.00 | 0.00 | 0.00 | |
| 14,200.00 | 90.00 | 359.48 | 8,800.00 | 5,994.16 | -176.06 | 5,994.16 | 0.00 | 0.00 | 0.00 | |
| 14,300.00 | 90.00 | 359.48 | 8,800.00 | 6,094.15 | -176.97 | 6,094.15 | 0.00 | 0.00 | 0.00 | |
| 14,400.00 | 90.00 | 359.48 | 8,800.00 | 6,194.15 | -177.89 | 6,194.15 | 0.00 | 0.00 | 0.00 | |
| 14,500.00 | 90.00 | 359.48 | 8,800.00 | 6,294.14 | -178.80 | 6,294.14 | 0.00 | 0.00 | 0.00 | |
| 14,600.00 | 90.00 | 359.48 | 8,800.00 | 6,394.14 | -179.71 | 6,394.14 | 0.00 | 0.00 | 0.00 | |
| 14,700.00 | 90.00 | 359.48 | 8,800.00 | 6,494.14 | -180.63 | 6,494.14 | 0.00 | 0.00 | 0.00 | |
| 14,800.00 | 90.00 | 359.48 | 8,800.00 | 6,594.13 | -181.54 | 6,594.13 | 0.00 | 0.00 | 0.00 | |
| 14,900.00 | 90.00 | 359.48 | 8,800.00 | 6,694.13 | -182.45 | 6,694.13 | 0.00 | 0.00 | 0.00 | |
| 15,000.00 | 90.00 | 359.48 | 8,800.00 | 6,794.12 | -183.37 | 6,794.12 | 0.00 | 0.00 | 0.00 | |
| 15,100.00 | 90.00 | 359.48 | 8,800.00 | 6,894.12 | -184.28 | 6,894.12 | 0.00 | 0.00 | 0.00 | |
| 15,200.00 | 90.00 | 359.48 | 8,800.00 | 6,994.12 | -185.19 | 6,994.12 | 0.00 | 0.00 | 0.00 | |
| 15,300.00 | 90.00 | 359.48 | 8,800.00 | 7,094.11 | -186.10 | 7,094.11 | 0.00 | 0.00 | 0.00 | |
| 15,400.00 | 90.00 | 359.48 | 8,800.00 | 7,194.11 | -187.02 | 7,194.11 | 0.00 | 0.00 | 0.00 | |
| 15,500.00 | 90.00 | 359.48 | 8,800.00 | 7,294.10 | -187.93 | 7,294.10 | 0.00 | 0.00 | 0.00 | |
| 15,600.00 | 90.00 | 359.48 | 8,800.00 | 7,394.10 | -188.84 | 7,394.10 | 0.00 | 0.00 | 0.00 | |
| 15,700.00 | 90.00 | 359.48 | 8,800.00 | 7,494.09 | -189.76 | 7,494.09 | 0.00 | 0.00 | 0.00 | |
| 15,800.00 | 90.00 | 359.48 | 8,800.00 | 7,594.09 | -190.67 | 7,594.09 | 0.00 | 0.00 | 0.00 | |
| 15,900.00 | 90.00 | 359.48 | 8,800.00 | 7,694.09 | -191.58 | 7,694.09 | 0.00 | 0.00 | 0.00 | |
| 16,000.00 | 90.00 | 359.48 | 8,800.00 | 7,794.08 | -192.50 | 7,794.08 | 0.00 | 0.00 | 0.00 | |
| 16,100.00 | 90.00 | 359.48 | 8,800.00 | 7,894.08 | -193.41 | 7,894.08 | 0.00 | 0.00 | 0.00 | |
| 16,200.00 | 90.00 | 359.48 | 8,800.00 | 7,994.07 | -194.32 | 7,994.07 | 0.00 | 0.00 | 0.00 | |
| 16,300.00 | 90.00 | 359.48 | 8,800.00 | 8,094.07 | -195.23 | 8,094.07 | 0.00 | 0.00 | 0.00 | |
| 16,400.00 | 90.00 | 359.48 | 8,800.00 | 8,194.07 | -196.15 | 8,194.07 | 0.00 | 0.00 | 0.00 | |
| 16,500.00 | 90.00 | 359.48 | 8,800.00 | 8,294.06 | -197.06 | 8,294.06 | 0.00 | 0.00 | 0.00 | |
| 16,600.00 | 90.00 | 359.48 | 8,800.00 | 8,394.06 | -197.97 | 8,394.06 | 0.00 | 0.00 | 0.00 | |
| 16,700.00 | 90.00 | 359.48 | 8,800.00 | 8,494.05 | -198.89 | 8,494.05 | 0.00 | 0.00 | 0.00 | |
| 16,800.00 | 90.00 | 359.48 | 8,800.00 | 8,594.05 | -199.80 | 8,594.05 | 0.00 | 0.00 | 0.00 | |
| 16,900.00 | 90.00 | 359.48 | 8,800.00 | 8,694.04 | -200.71 | 8,694.04 | 0.00 | 0.00 | 0.00 | |
| 17,000.00 | 90.00 | 359.48 | 8,800.00 | 8,794.04 | -201.63 | 8,794.04 | 0.00 | 0.00 | 0.00 | |
| 17,037.68 | 90.00 | 359.48 | 8,800.00 | 8,831.72 | -201.97 | 8,831.72 | 0.00 | 0.00 | 0.00 | |
| Start 75.00 hold at 17037.68 MD | | | | | | | | | | |
| 17,100.00 | 90.00 | 359.48 | 8,800.00 | 8,894.04 | -202.54 | 8,894.04 | 0.00 | 0.00 | 0.00 | |
| 17,112.68 | 90.00 | 359.48 | 8,800.00 | 8,906.72 | -202.65 | 8,906.72 | 0.00 | 0.00 | 0.00 | |
| TD at 17112.68 | | | | | | | | | | |



Planning Report

Kaiser-Francis Oil Company

| | | | |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| Database: | 1 - EDM Production | Local Co-ordinate Reference: | Well Bell Lake Unit South #634H |
| Company: | KAISER FRANCIS OIL CO. | TVD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Project: | LEA COUNTY, N.M. | MD Reference: | RKB 30' + GL 3588 @ 3618.00usft |
| Site: | SEC 5-T24S-R34E | North Reference: | Grid |
| Well: | Bell Lake Unit South #634H | Survey Calculation Method: | Minimum Curvature |
| Wellbore: | Wellbore #1 | | |
| Design: | Plan 2 | | |

| Design Targets | | | | | | | | | |
|--|------------------|-----------------|---------------|-----------------|-----------------|--------------------|-------------------|-------------|---------------|
| Target Name - hit/miss target - Shape | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude |
| Plan @ 8200.00 (Bell La - plan hits target center - Point | 0.00 | 0.00 | 8,200.00 | 464.55 | -132.54 | 453,912.55 | 801,953.46 | 32.24506923 | -103.49036762 |
| BLUS 634H LTP(100' F - plan hits target center - Point | 0.00 | 0.00 | 8,800.00 | 8,831.72 | -201.97 | 462,279.72 | 801,884.03 | 32.26806869 | -103.49037967 |
| BLUS 634H LTP(25' FNI - plan misses target center by 4161185.28usft at 17112.68usft MD (8800.00 TVD, 8906.72 N, -202.65 E) - Point | 0.00 | 0.00 | 8,800.00 | 4,170,092.00 | -202.00 | 4,623,540.00 | 801,884.00 | 43.69459042 | -103.34815295 |
| BLUS 634H FTP(2630' F - plan misses target center by 2.32usft at 9235.41usft MD (8800.00 TVD, 1029.77 N, -130.74 E) - Point | 0.00 | 0.00 | 8,800.00 | 1,029.79 | -128.41 | 454,477.79 | 801,957.58 | 32.24662277 | -103.49033993 |

| Casing Points | | | | | |
|-----------------------------|-----------------------------|------------|--|---------------------------|-------------------------|
| Measured Depth (usft) | Vertical Depth (usft) | Name | | Casing Diameter (") | Hole Diameter (") |
| 16,823.19 | 8,800.00 | 20" Casing | | 20 | 24 |

| Plan Annotations | | | | | |
|-----------------------------|-----------------------------|-------------------|-----------------|----------------------------------|--|
| Measured Depth (usft) | Vertical Depth (usft) | Local Coordinates | | Comment | |
| | | +N/-S (usft) | +E/-W (usft) | | |
| 5,300.00 | 5,300.00 | 0.00 | 0.00 | Start Build 2.00 | |
| 5,891.50 | 5,887.30 | 58.51 | -16.69 | Start 1762.84 hold at 5891.50 MD | |
| 7,654.33 | 7,612.70 | 406.04 | -115.85 | Start Drop -2.00 | |
| 8,245.83 | 8,200.00 | 464.55 | -132.54 | Start 190.74 hold at 8245.83 MD | |
| 8,436.57 | 8,390.74 | 464.55 | -132.54 | Start Build 14.00 | |
| 9,079.43 | 8,800.00 | 873.80 | -129.68 | Start DLS 2.00 TFO -90.00 | |
| 9,125.58 | 8,800.00 | 919.95 | -129.73 | Start 7912.10 hold at 9125.58 MD | |
| 17,037.68 | 8,800.00 | 8,831.72 | -201.97 | Start 75.00 hold at 17037.68 MD | |
| 17,112.68 | 8,800.00 | 8,906.72 | -202.65 | TD at 17112.68 | |

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

Submit Electronically
Via E-permitting

NATURAL GAS MANAGEMENT PLAN

This Natural Gas Management Plan must be submitted with each Application for Permit to Drill (APD) for a new or recompleted well.

Section 1 – Plan Description

Effective May 25, 2021

I. Operator: Kaiser-Francis Oil Company **OGRID:** 12361 **Date:** 11 /18 /2024

II. Type: ☒ Original ☐ Amendment due to ☐ 19.15.27.9.D(6)(a) NMAC ☐ 19.15.27.9.D(6)(b) NMAC ☐ Other.

If Other, please describe: _____

III. Well(s): Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name | API | ULSTR | Footages | Anticipated Oil BBL/D | Anticipated Gas MCF/D | Anticipated Produced Water BBL/D |
|--|-----|-------|----------|-----------------------|-----------------------|----------------------------------|
| Bell Lake South Pad 15R wells listed on next page. | | | | | | |
| | | | | | | |

IV. Central Delivery Point Name: pad site [See 19.15.27.9(D)(1) NMAC]

V. Anticipated Schedule: Provide the following information for each new or recompleted well or set of wells proposed to be drilled or proposed to be recompleted from a single well pad or connected to a central delivery point.

| Well Name | API | Spud Date | TD Reached Date | Completion Commencement Date | Initial Flow Back Date | First Production Date |
|---|-----|-----------|-----------------|------------------------------|------------------------|-----------------------|
| Bell Lake South Pad 15R anticipated schedule listed on next page. | | | | | | |
| | | | | | | |

VI. Separation Equipment: ☒ Attach a complete description of how Operator will size separation equipment to optimize gas capture.

VII. Operational Practices: ☒ Attach a complete description of the actions Operator will take to comply with the requirements of Subsection A through F of 19.15.27.8 NMAC.

VIII. Best Management Practices: ☒ Attach a complete description of Operator's best management practices to minimize venting during active and planned maintenance.

Kaiser-Francis Oil Company Natural Gas Management Plan

Plan Description

VI. Separation Equipment

Separation equipment will be designed for maximum anticipated throughput and pressure to minimize waste.

VII. Operational Practices

A. VENTING AND FLARING OF NATURAL GAS

Kaiser-Francis Oil Company (KFOC) will maximize the recovery of natural gas by minimizing the waste of natural gas through venting and flaring during drilling, completion, and production operations as outlined in 19.15.27.8 NMAC. KFOC will flare rather than vent natural gas except when flaring is technically infeasible or would pose a safety risk and venting is a safer alternative than flaring. KFOC will ensure well(s) are connected to a natural gas gathering system with sufficient capacity to transport natural gas.

B. Venting and flaring during drilling operations

KFOC will combust natural gas brought to the surface during drilling operations. A properly sized flare stack will be located at a minimum of 100 feet from the nearest surface hole location. In case of emergency or malfunction, KFOC will report natural gas volumes, vented or flared.

C. Venting and flaring during completion or recompletion operations

During completion operations, KFOC will flare natural gas brought to the surface and commence operation of a separator once technically feasible. Produced natural gas from separation equipment will be sold. If natural gas does not meet gathering pipeline quality specifications, KFOC will flare for no more than 60 days or until the natural gas meets the pipeline quality specifications, whichever is sooner.

D. Venting and flaring during production operations

KFOC will not vent or flare natural gas during production, except for provisions defined by 19.15.27.8.D (1) through (4). KFOC will report natural gas volumes, vented or flared, appropriately.

E. Performance Standards

KFOC will comply with performance standards outlined in 19.15.27.8.E to minimize waste. Separation equipment will be designed for maximum anticipated throughput and pressure to minimize waste. Any permanent storage tank associated with production operations that is

routed to a flare or control device will be equipped with an automatic gauging system that reduces the venting of natural gas. KFOC will combust natural gas in a flare stack that is properly sized and designed to ensure proper combustion efficiency. Flare stacks will be equipped with an automatic ignitor or continuous pilot. KFOC will conduct an AVO inspection on the frequency specified in Subsection D of 19.15.27.8 NMAC. All emergencies will be resolved as quickly and safely as feasible.

F. Measurement or estimation of vented or flared natural gas

KFOC will measure or estimate natural gas that is vented, flared, or beneficially used during drilling, completion, and production operations. Equipment will be installed to measure the volume of natural gas flared from existing piping or a flowline piped from equipment such as high-pressure separators, heater treaters, or vapor recovery units associated with a well or facility, authorized by an APD issued after May 25, 2021, that has an average daily production greater than 60,000 cubic feet of natural gas. Measuring equipment will conform to an industry standard. Where measuring is not feasible, volumes will be estimated.

VIII. Best Management Practices

During active and planned maintenance, venting will be limited to the depressurization of the equipment to ensure safe working conditions. For maintenance of production and compression equipment the associated producing wells will be shut-in to eliminate venting. During VRU maintenance, gas normally routed to the VRU will be flared.

Section 2 – Enhanced Plan

EFFECTIVE APRIL 1, 2022

Beginning April 1, 2022, an operator that is not in compliance with its statewide natural gas capture requirement for the applicable reporting area must complete this section.

☒ Operator certifies that it is not required to complete this section because Operator is in compliance with its statewide natural gas capture requirement for the applicable reporting area.

IX. Anticipated Natural Gas Production:

| Well | API | Anticipated Average Natural Gas Rate MCF/D | Anticipated Volume of Natural Gas for the First Year MCF |
|------|-----|--|--|
| | | | |
| | | | |

X. Natural Gas Gathering System (NGGS):

| Operator | System | ULSTR of Tie-in | Anticipated Gathering Start Date | Available Maximum Daily Capacity of System Segment Tie-in |
|----------|--------|-----------------|----------------------------------|---|
| | | | | |
| | | | | |

XI. Map. ☐ Attach an accurate and legible map depicting the location of the well(s), the anticipated pipeline route(s) connecting the production operations to the existing or planned interconnect of the natural gas gathering system(s), and the maximum daily capacity of the segment or portion of the natural gas gathering system(s) to which the well(s) will be connected.

XII. Line Capacity. The natural gas gathering system ☐ will ☐ will not have capacity to gather 100% of the anticipated natural gas production volume from the well prior to the date of first production.

XIII. Line Pressure. Operator ☐ does ☐ does not anticipate that its existing well(s) connected to the same segment, or portion, of the natural gas gathering system(s) described above will continue to meet anticipated increases in line pressure caused by the new well(s).

☐ Attach Operator's plan to manage production in response to the increased line pressure.

XIV. Confidentiality: ☐ Operator asserts confidentiality pursuant to Section 71-2-8 NMSA 1978 for the information provided in Section 2 as provided in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and attaches a full description of the specific information for which confidentiality is asserted and the basis for such assertion.

Section 3 - Certifications

Effective May 25, 2021

Operator certifies that, after reasonable inquiry and based on the available information at the time of submittal:

☒ Operator will be able to connect the well(s) to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system; or

☐ Operator will not be able to connect to a natural gas gathering system in the general area with sufficient capacity to transport one hundred percent of the anticipated volume of natural gas produced from the well(s) commencing on the date of first production, taking into account the current and anticipated volumes of produced natural gas from other wells connected to the pipeline gathering system.

If Operator checks this box, Operator will select one of the following:

Well Shut-In. ☐ Operator will shut-in and not produce the well until it submits the certification required by Paragraph (4) of Subsection D of 19.15.27.9 NMAC; or

Venting and Flaring Plan. ☐ Operator has attached a venting and flaring plan that evaluates and selects one or more of the potential alternative beneficial uses for the natural gas until a natural gas gathering system is available, including:

- (a) power generation on lease;
- (b) power generation for grid;
- (c) compression on lease;
- (d) liquids removal on lease;
- (e) reinjection for underground storage;
- (f) reinjection for temporary storage;
- (g) reinjection for enhanced oil recovery;
- (h) fuel cell production; and
- (i) other alternative beneficial uses approved by the division.

Section 4 - Notices

1. If, at any time after Operator submits this Natural Gas Management Plan and before the well is spud:

(a) Operator becomes aware that the natural gas gathering system it planned to connect the well(s) to has become unavailable or will not have capacity to transport one hundred percent of the production from the well(s), no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised venting and flaring plan containing the information specified in Paragraph (5) of Subsection D of 19.15.27.9 NMAC; or

(b) Operator becomes aware that it has, cumulatively for the year, become out of compliance with its baseline natural gas capture rate or natural gas capture requirement, no later than 20 days after becoming aware of such information, Operator shall submit for OCD's approval a new or revised Natural Gas Management Plan for each well it plans to spud during the next 90 days containing the information specified in Paragraph (2) of Subsection D of 19.15.27.9 NMAC, and shall file an update for each Natural Gas Management Plan until Operator is back in compliance with its baseline natural gas capture rate or natural gas capture requirement.

2. OCD may deny or conditionally approve an APD if Operator does not make a certification, fails to submit an adequate venting and flaring plan which includes alternative beneficial uses for the anticipated volume of natural gas produced, or if OCD determines that Operator will not have adequate natural gas takeaway capacity at the time a well will be spud.

I certify that, after reasonable inquiry, the statements in and attached to this Natural Gas Management Plan are true and correct to the best of my knowledge and acknowledge that a false statement may be subject to civil and criminal penalties under the Oil and Gas Act.

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| Signature: | Christina Opfer |
| Printed Name: | Christina Opfer |
| Title: | Regulatory Manager |
| E-mail Address: | ChristinaO@kfoc.net |
| Date: | 11/18/2024 |
| Phone: | 918-491-4468 |
| OIL CONSERVATION DIVISION (Only applicable when submitted as a standalone form) | |
| Approved By: | |
| Title: | |
| Approval Date: | |
| Conditions of Approval: | |