

|                                       |                                                                     |                                            |
|---------------------------------------|---------------------------------------------------------------------|--------------------------------------------|
| Well Name: BELL LAKE UNIT SOUTH       | Well Location: T24S / R33E / SEC 1 / SENW / 32.247298 / -103.527498 | County or Parish/State: LEA / NM           |
| Well Number: 403H                     | Type of Well: OIL WELL                                              | Allottee or Tribe Name:                    |
| Lease Number: NMLC0063993, NMLC063993 | Unit or CA Name: BELL LAKE                                          | Unit or CA Number: NMNM068292X, NMNM68292X |
| US Well Number: 3002548205            | Well Status: Producing Oil Well                                     | Operator: KAISER FRANCIS OIL COMPANY       |

Notice of Intent

Sundry ID: 1340859

|                                                |                              |
|------------------------------------------------|------------------------------|
| Type of Submission: Notice of Intent           | Type of Action: Other        |
| Date Sundry Submitted: 02/05/2021              | Time Sundry Submitted: 01:13 |
| Date proposed operation will begin: 02/04/2021 |                              |

**Procedure Description:** Kaiser-Francis Oil Company request to change the SHL for the following well on the Bell Lake Unit South Pad 0,1,4 Located in section 1-24S-33E. No new surface disturbance is requested. Bell Lake Unit South 403H API #30-025-48205 Approved SHL 2385 FNL 2200 FWL 1-24S-33E Lea County New Mexico. Proposed SHL 2548 FNL 2028 FWL 1-24S-33E Lea County New Mexico.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- Kaiser\_SHL\_Sundry\_1\_24S\_33E\_20210205131311.docx
- BLUS\_PAD\_1\_403h\_C102H\_Signed\_20210205131303.pdf

|                                              |                                                                            |                                                   |
|----------------------------------------------|----------------------------------------------------------------------------|---------------------------------------------------|
| <b>Well Name:</b> BELL LAKE UNIT SOUTH       | <b>Well Location:</b> T24S / R33E / SEC 1 / SENW / 32.247298 / -103.527498 | <b>County or Parish/State:</b> LEA / NM           |
| <b>Well Number:</b> 403H                     | <b>Type of Well:</b> OIL WELL                                              | <b>Allottee or Tribe Name:</b>                    |
| <b>Lease Number:</b> NMLC0063993, NMLC063993 | <b>Unit or CA Name:</b> BELL LAKE                                          | <b>Unit or CA Number:</b> NMNM068292X, NMNM68292X |
| <b>US Well Number:</b> 3002548205            | <b>Well Status:</b> Producing Oil Well                                     | <b>Operator:</b> KAISER FRANCIS OIL COMPANY       |

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

|                                                   |                                         |
|---------------------------------------------------|-----------------------------------------|
| <b>Operator Electronic Signature:</b> ERIC HANSEN | <b>Signed on:</b> FEB 05, 2021 01:13 PM |
| <b>Name:</b> KAISER FRANCIS OIL COMPANY           |                                         |
| <b>Title:</b> Drilling Engineer                   |                                         |
| <b>Street Address:</b> 6733 S. Yale Ave.          |                                         |
| <b>City:</b> Tulsa                                | <b>State:</b> OK                        |
| <b>Phone:</b> (918) 491-4339                      |                                         |
| <b>Email address:</b> EricH@kfoc.net              |                                         |

Field

|                             |               |             |
|-----------------------------|---------------|-------------|
| <b>Representative Name:</b> |               |             |
| <b>Street Address:</b>      |               |             |
| <b>City:</b>                | <b>State:</b> | <b>Zip:</b> |
| <b>Phone:</b>               |               |             |
| <b>Email address:</b>       |               |             |

BLM Point of Contact

|                                        |                                              |
|----------------------------------------|----------------------------------------------|
| <b>BLM POC Name:</b> CHRISTOPHER WALLS | <b>BLM POC Title:</b> Petroleum Engineer     |
| <b>BLM POC Phone:</b> 5752342234       | <b>BLM POC Email Address:</b> cwalls@blm.gov |
| <b>Disposition:</b> Approved           | <b>Disposition Date:</b> 03/10/2021          |
| <b>Signature:</b> Chris Walls          |                                              |

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

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

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

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

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

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

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

|                                                |                                                             |                                                             |
|------------------------------------------------|-------------------------------------------------------------|-------------------------------------------------------------|
| <sup>1</sup> API Number<br><b>30-025-48205</b> | <sup>2</sup> Pool Code<br><b>98266</b>                      | <sup>3</sup> Pool Name<br><b>Bell Lake; Wolfcamp, South</b> |
| <sup>4</sup> Property Code<br><b>316707</b>    | <sup>5</sup> Property Name<br><b>BELL LAKE UNIT SOUTH</b>   | <sup>6</sup> Well Number<br><b>403H</b>                     |
| <sup>7</sup> OGRID No.<br><b>12361</b>         | <sup>8</sup> Operator Name<br><b>KAISER-FRANCIS OIL CO.</b> | <sup>9</sup> Elevation<br><b>3628.3</b>                     |

<sup>10</sup> Surface Location

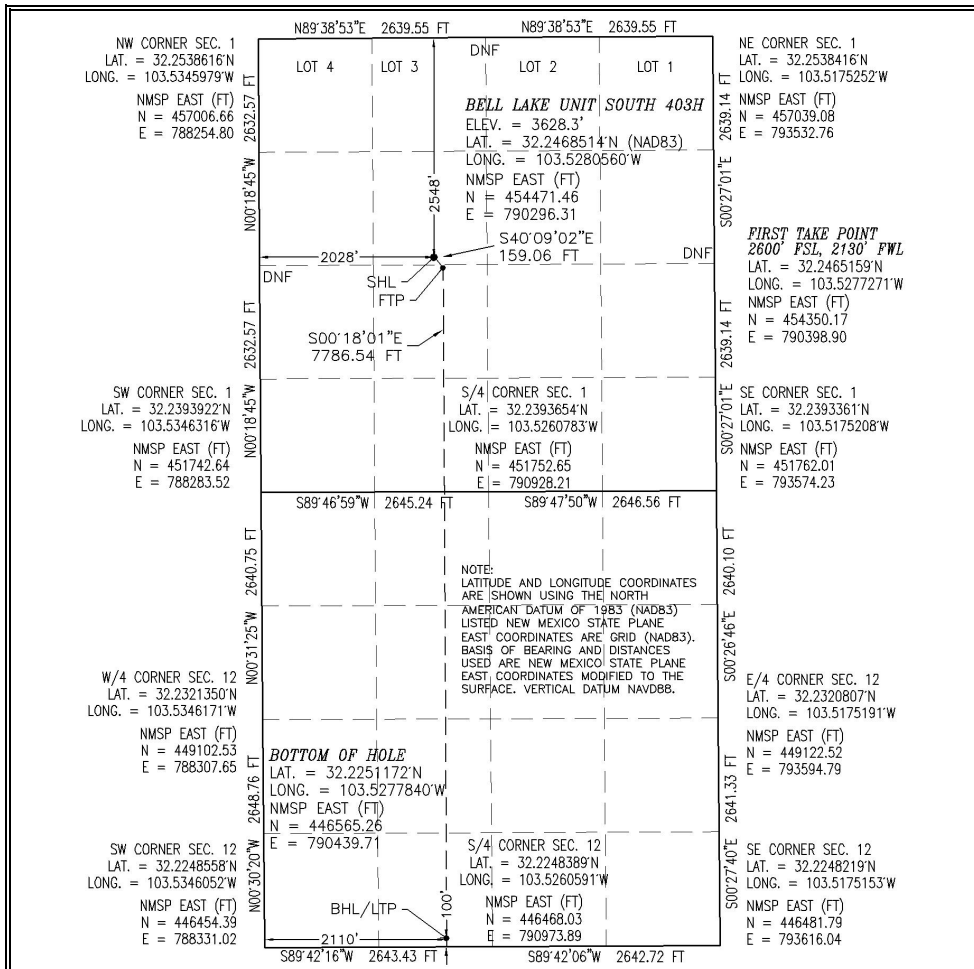
| UL or lot no. | Section  | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>F</b>      | <b>1</b> | <b>24 S</b> | <b>33 E</b> |         | <b>2548</b>   | <b>NORTH</b>     | <b>2028</b>   | <b>WEST</b>    | <b>LEA</b> |

<sup>11</sup> Bottom Hole Location If Different From Surface

| UL or lot no. | Section   | Township    | Range       | Lot Idn | Feet from the | North/South line | Feet from the | East/West line | County     |
|---------------|-----------|-------------|-------------|---------|---------------|------------------|---------------|----------------|------------|
| <b>N</b>      | <b>12</b> | <b>24 S</b> | <b>33 E</b> |         | <b>100</b>    | <b>SOUTH</b>     | <b>2110</b>   | <b>WEST</b>    | <b>LEA</b> |

|                                             |                               |                                  |                                           |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------------------------|
| <sup>12</sup> Dedicated Acres<br><b>480</b> | <sup>13</sup> Joint or Infill | <sup>14</sup> Consolidation Code | <sup>15</sup> Order No.<br><b>R-14601</b> |
|---------------------------------------------|-------------------------------|----------------------------------|-------------------------------------------|

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.



<sup>17</sup> OPERATOR CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.

**Christina Opfer** **9/27/22**  
Signature Date

**Christina Opfer**  
Printed Name

**ChristinaO@kfoc.net**  
E-mail Address

<sup>18</sup> SURVEYOR CERTIFICATION

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

DECEMBER 22, 2020

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: **ELIMON F. JARAMILLO, PLS 12797**  
SURVEY NO. 6945

Intent ☒ As Drilled ☐

|                                                 |                                               |                            |
|-------------------------------------------------|-----------------------------------------------|----------------------------|
| API #<br>30-025-48205                           |                                               |                            |
| Operator Name:<br><b>KAISER-FRANCIS OIL CO.</b> | Property Name:<br><b>BELL LAKE UNIT SOUTH</b> | Well Number<br><b>403H</b> |

Kick Off Point (KOP)

|                               |                     |                        |                     |     |                                 |                          |                     |                         |                      |
|-------------------------------|---------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|---------------------|-------------------------|----------------------|
| UL<br><b>F</b>                | Section<br><b>1</b> | Township<br><b>24S</b> | Range<br><b>33E</b> | Lot | Feet<br><b>2548</b>             | From N/S<br><b>NORTH</b> | Feet<br><b>2028</b> | From E/W<br><b>WEST</b> | County<br><b>LEA</b> |
| Latitude<br><b>32.2468514</b> |                     |                        |                     |     | Longitude<br><b>103.5280560</b> |                          |                     |                         | NAD<br><b>83</b>     |

First Take Point (FTP)

|                               |                     |                        |                     |     |                                 |                          |                     |                         |                      |
|-------------------------------|---------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|---------------------|-------------------------|----------------------|
| UL<br><b>K</b>                | Section<br><b>1</b> | Township<br><b>24S</b> | Range<br><b>33E</b> | Lot | Feet<br><b>2600</b>             | From N/S<br><b>SOUTH</b> | Feet<br><b>2130</b> | From E/W<br><b>WEST</b> | County<br><b>LEA</b> |
| Latitude<br><b>32.2465159</b> |                     |                        |                     |     | Longitude<br><b>103.5277271</b> |                          |                     |                         | NAD<br><b>83</b>     |

Last Take Point (LTP)

|                               |                      |                        |                     |     |                                 |                          |                     |                         |                      |
|-------------------------------|----------------------|------------------------|---------------------|-----|---------------------------------|--------------------------|---------------------|-------------------------|----------------------|
| UL<br><b>N</b>                | Section<br><b>12</b> | Township<br><b>24S</b> | Range<br><b>33E</b> | Lot | Feet<br><b>100</b>              | From N/S<br><b>SOUTH</b> | Feet<br><b>2110</b> | From E/W<br><b>WEST</b> | County<br><b>LEA</b> |
| Latitude<br><b>32.2251172</b> |                      |                        |                     |     | Longitude<br><b>103.5277840</b> |                          |                     |                         | NAD<br><b>83</b>     |

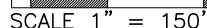
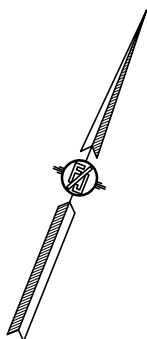
Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☒

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

|                                                     |                                               |                            |
|-----------------------------------------------------|-----------------------------------------------|----------------------------|
| API #<br>30-025-45521                               |                                               |                            |
| Operator Name:<br><b>Kaiser-Francis Oil Company</b> | Property Name:<br><b>Bell Lake Unit South</b> | Well Number<br><b>401H</b> |

KZ 06/29/2018

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD88.



### DIRECTIONS TO LOCATION

FROM STATE HIGHWAY 128 AND CR. 21 (DELAWARE BASIN) GO NORTH ON CR. 21 2.6 MILES, TURN LEFT ON BELL LAKE ROAD AND GO WEST 0.95 OF A MILE TO ROAD SURVEY AND FOLLOW FLAGS SOUTHWEST 215' TO THE NORTHEAST PAD CORNER FOR THIS LOCATION.

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

FILIMÓN F. JARAMILLO P.S. 12797

KAISER-FRANCIS OIL CO.  
**BELL LAKE UNIT SOUTH 403H**  
 LOCATED 2548 FT. FROM THE NORTH LINE  
 AND 2028 FT. FROM THE WEST LINE OF  
 SECTION 1, TOWNSHIP 24 SOUTH,  
 RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 22, 2020

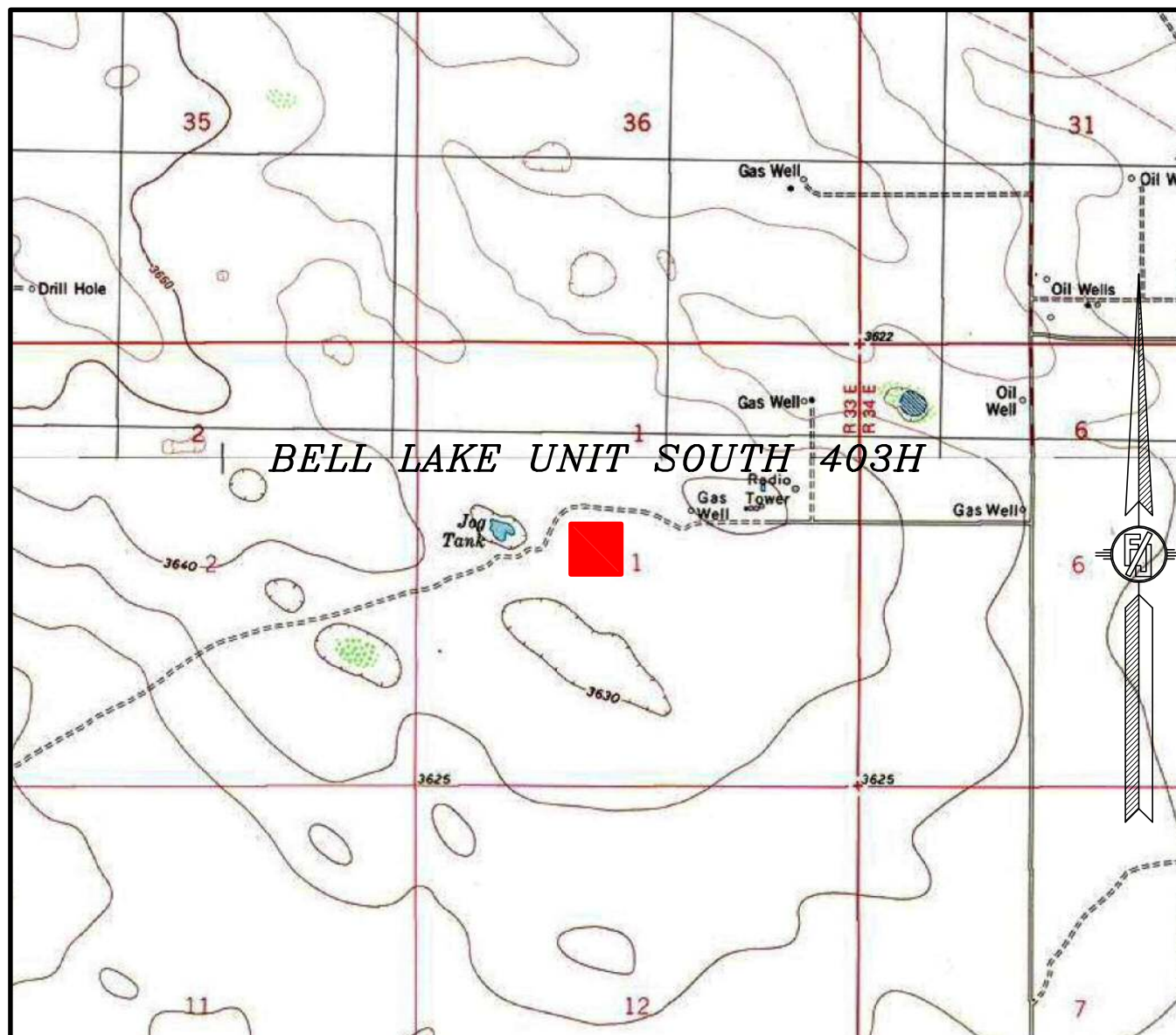
*SURVEY NO. 6945*

**MADRON SURVEYING, INC.**

301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

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



USGS QUAD MAP:  
BELL LAKE

NOT TO SCALE

KAISER-FRANCIS OIL CO.  
**BELL LAKE UNIT SOUTH 403H**  
LOCATED 2548 FT. FROM THE NORTH LINE  
AND 2028 FT. FROM THE WEST LINE OF  
SECTION 1, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 22, 2020

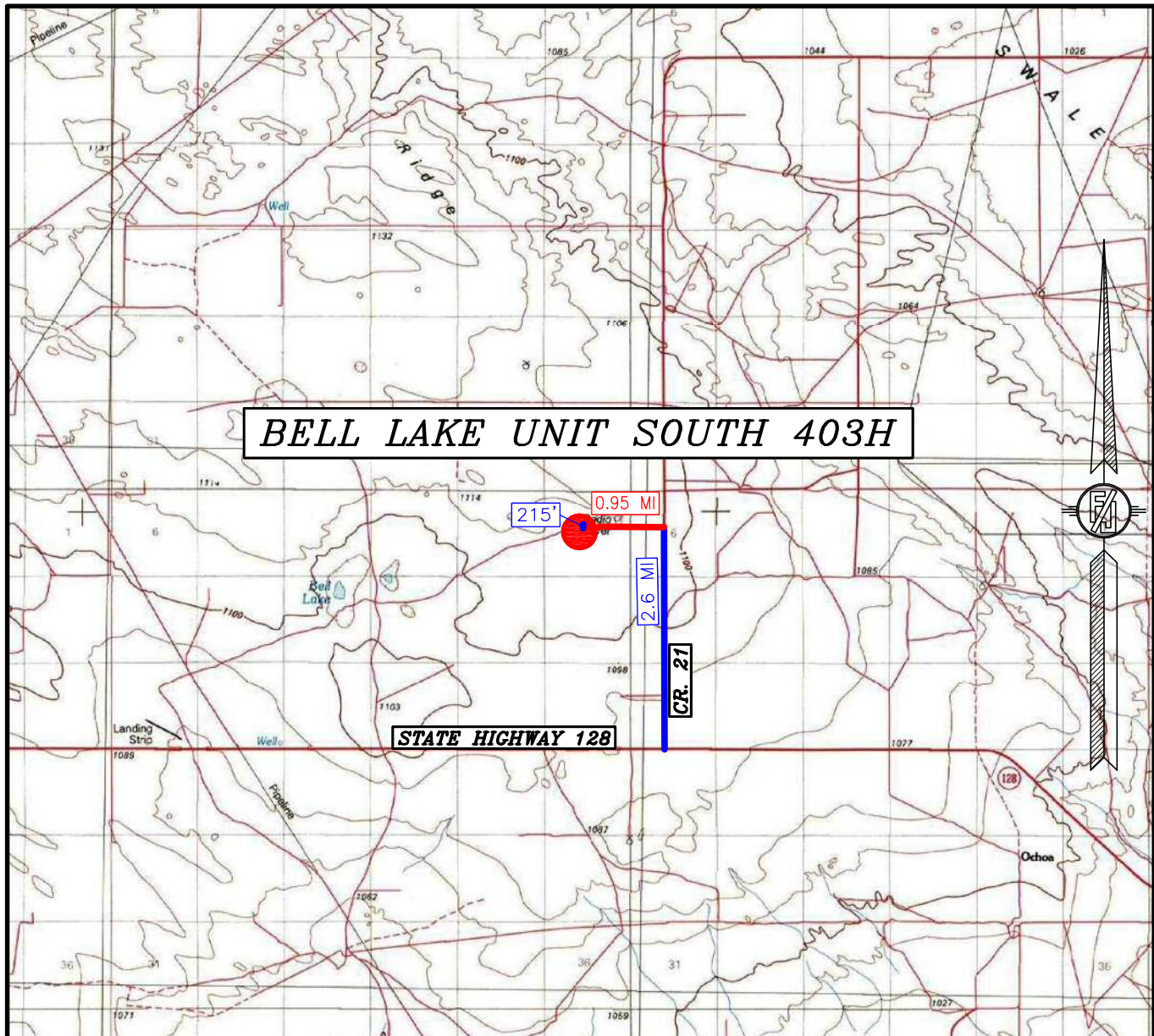
MADRON SURVEYING, INC.

301 SOUTH CANAL  
(575) 234-3341

CARLSBAD, NEW MEXICO

SURVEY NO. 6945

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



DISTANCES IN MILES

NOT TO SCALE

KAISER-FRANCIS OIL CO.  
**BELL LAKE UNIT SOUTH 403H**  
LOCATED 2548 FT. FROM THE NORTH LINE  
AND 2028 FT. FROM THE WEST LINE OF  
SECTION 1, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 22, 2020

**DIRECTIONS TO LOCATION**

FROM STATE HIGHWAY 128 AND CR. 21 (DELAWARE BASIN) GO NORTH  
ON CR. 21 2.6 MILES, TURN LEFT ON BELL LAKE ROAD AND GO  
WEST 0.95 OF A MILE TO ROAD SURVEY AND FOLLOW FLAGS  
SOUTHWEST 215° TO THE NORTHEAST PAD CORNER FOR THIS  
LOCATION.

SURVEY NO. 6945

MADRON SURVEYING, INC. 301 SOUTH CANAL

(575) 234-3341

CARLSBAD, NEW MEXICO

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



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
NOVEMBER 2017

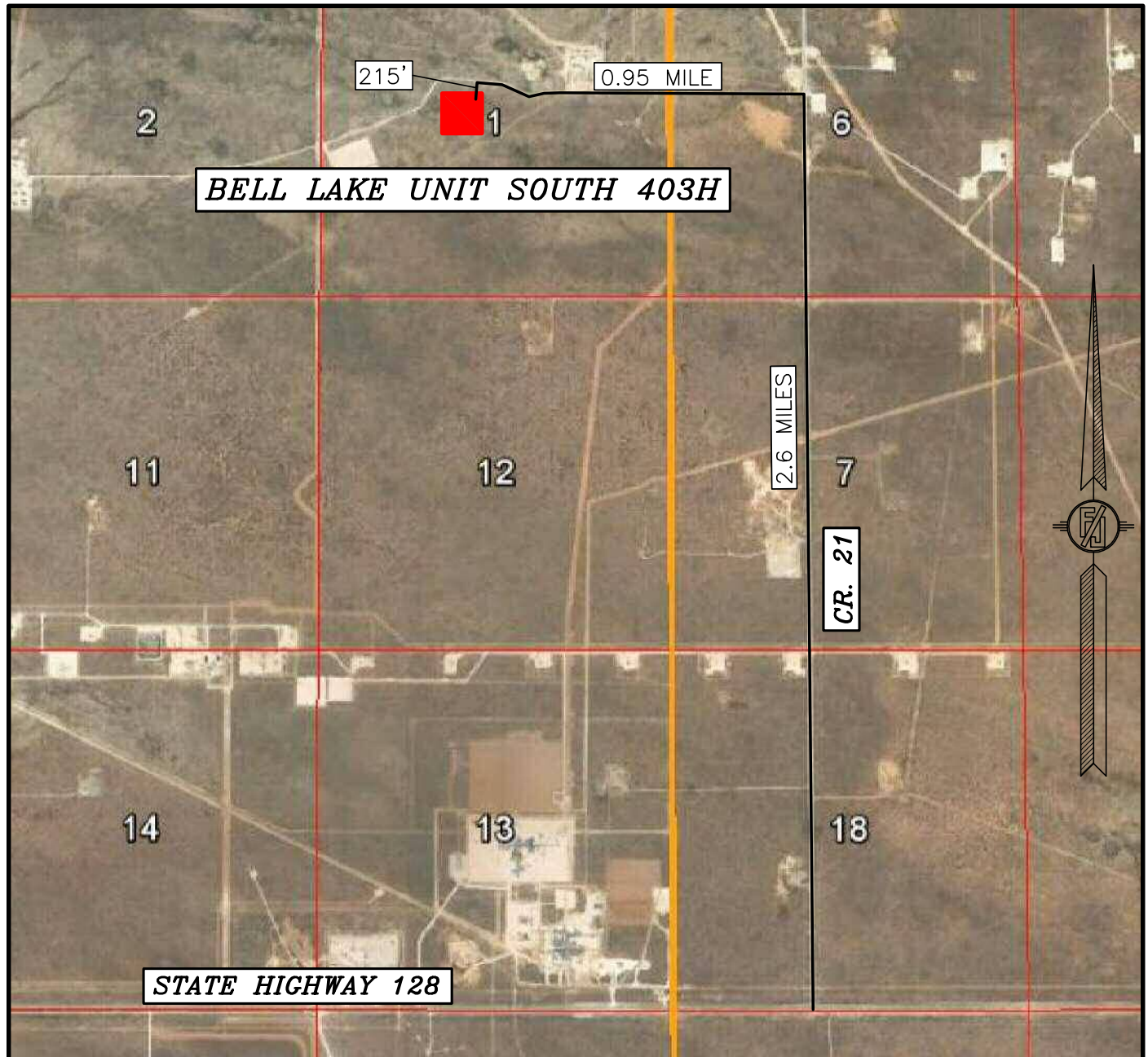
KAISER-FRANCIS OIL CO.  
**BELL LAKE UNIT SOUTH 403H**  
LOCATED 2548 FT. FROM THE NORTH LINE  
AND 2028 FT. FROM THE WEST LINE OF  
SECTION 1, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 22, 2020

SURVEY NO. 6945

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

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



NOT TO SCALE  
AERIAL PHOTO:  
GOOGLE EARTH  
NOVEMBER 2017

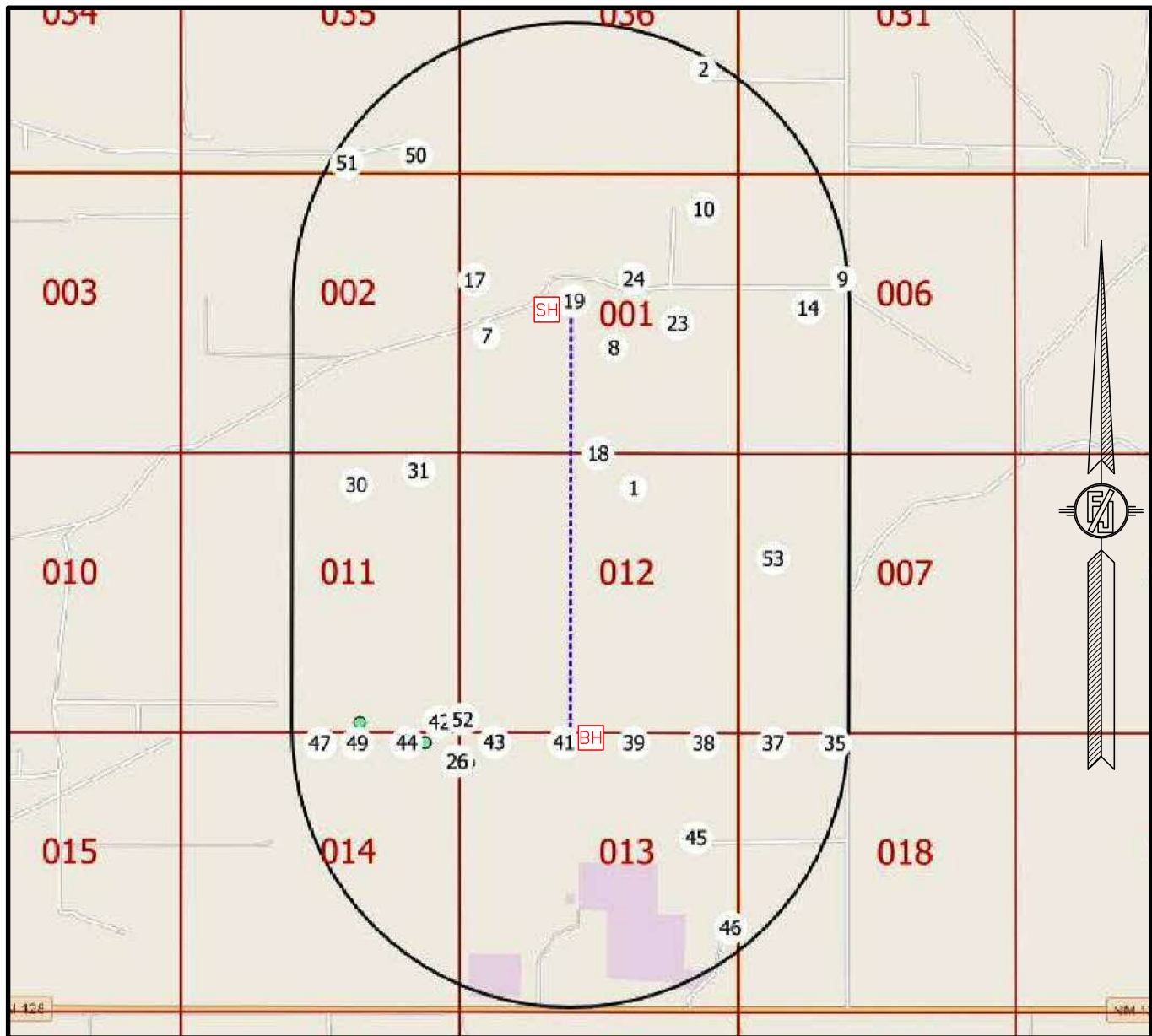
KAISER-FRANCIS OIL CO.  
**BELL LAKE UNIT SOUTH 403H**  
LOCATED 2548 FT. FROM THE NORTH LINE  
AND 2028 FT. FROM THE WEST LINE OF  
SECTION 1, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 22, 2020

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

SURVEY NO. 6945  
CARLSBAD, NEW MEXICO

## 1-MILE MAP



NOT TO SCALE

- [SH] SURFACE LOCATION  
 [BH] BOTTOM OF HOLE  
 (XX) WELLS WITHIN 1 MILE  
 - - - - - WELL PATH  
 \_\_\_\_\_ 1-MILE BOUNDARY

KAISER-FRANCIS OIL CO.  
**BELL LAKE UNIT SOUTH 403H**  
 LOCATED 2548 FT. FROM THE NORTH LINE  
 AND 2028 FT. FROM THE WEST LINE OF  
 SECTION 1, TOWNSHIP 24 SOUTH,  
 RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO

DECEMBER 22, 2020

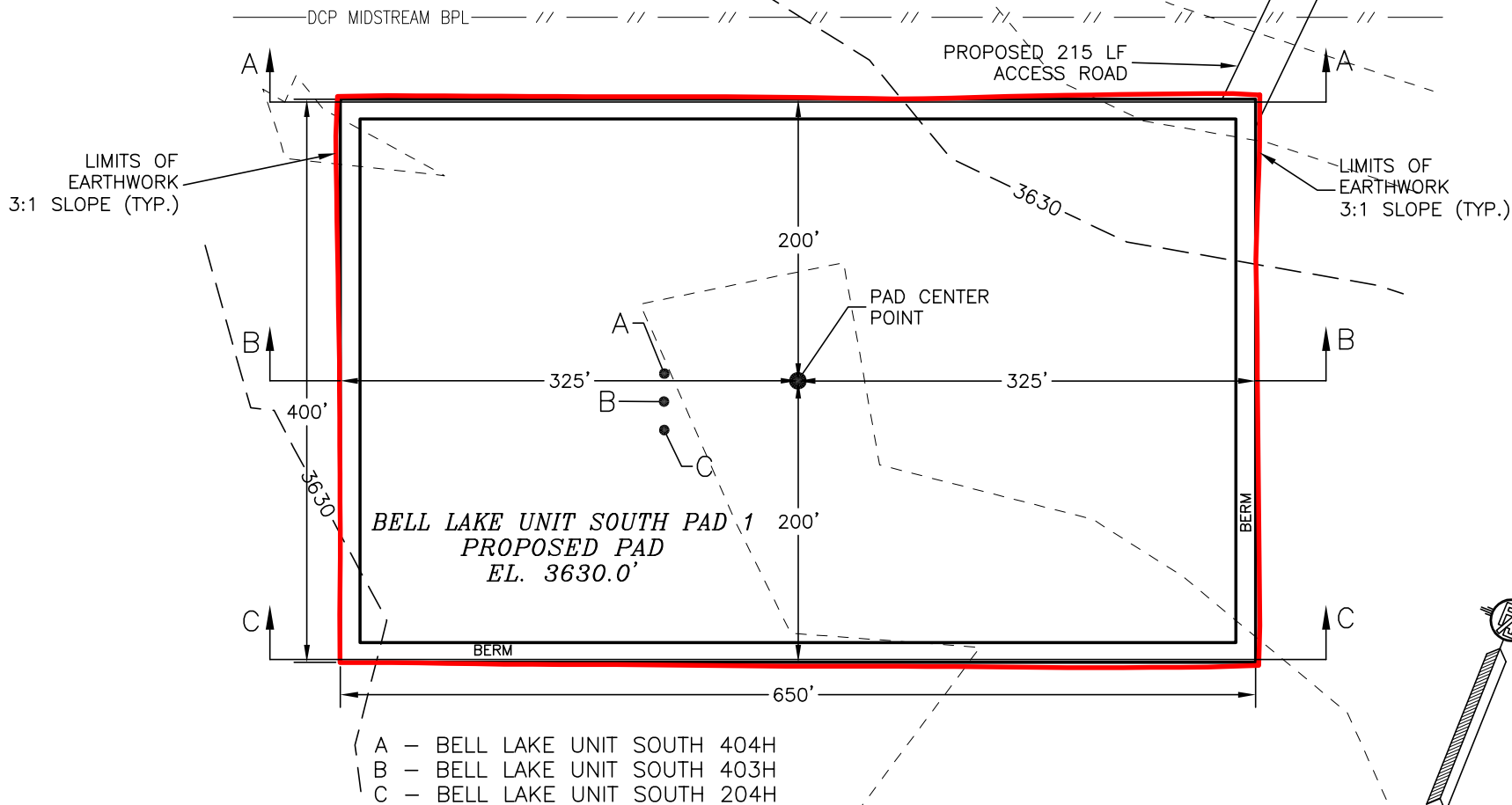
SURVEY NO. 6945

MADRON SURVEYING, INC. 301 SOUTH CANAL

(575) 234-3341

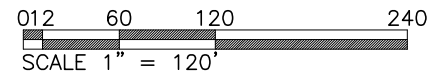
CARLSBAD, NEW MEXICO

# PLAN VIEW



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

KAISER-FRANCIS OIL CO.  
GRADING PLAN AND CROSS SECTIONS  
FOR BELL LAKE UNIT SOUTH 403H  
SECTION 1, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO



| CUT        | FILL        | NET                |
|------------|-------------|--------------------|
| 279 CU. YD | 7785 CU. YD | 7506 CU. YD (FILL) |

EARTHWORK QUANTITIES ARE ESTIMATED

DECEMBER 22, 2020

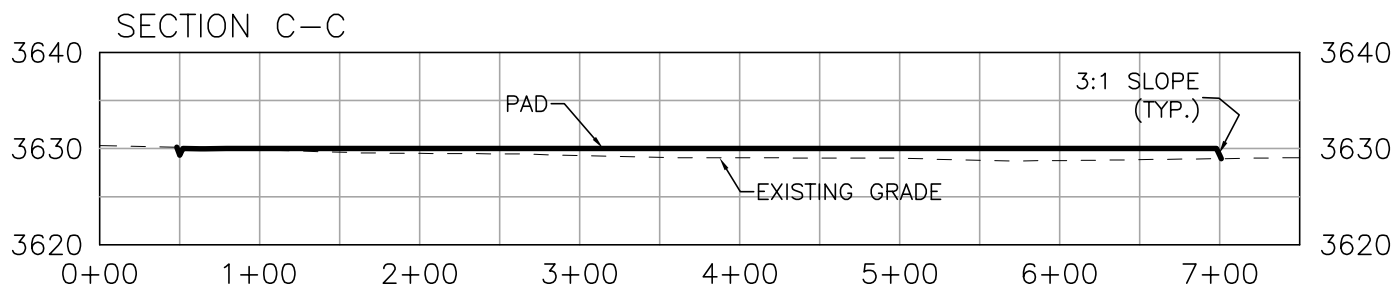
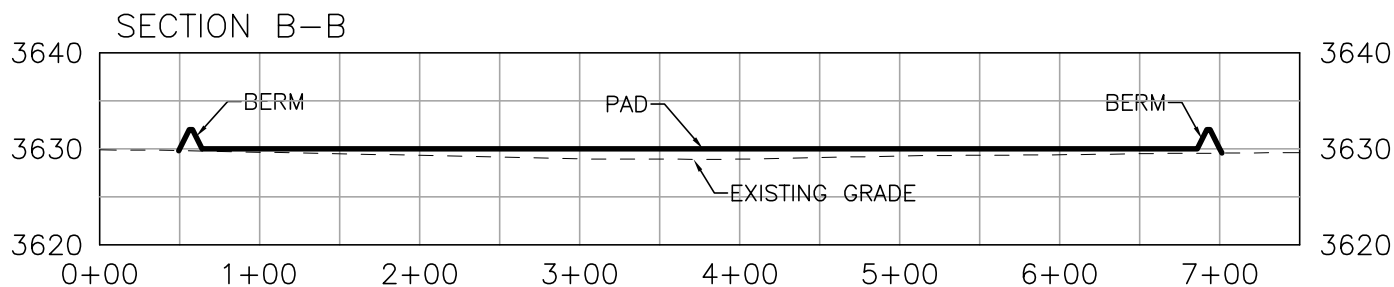
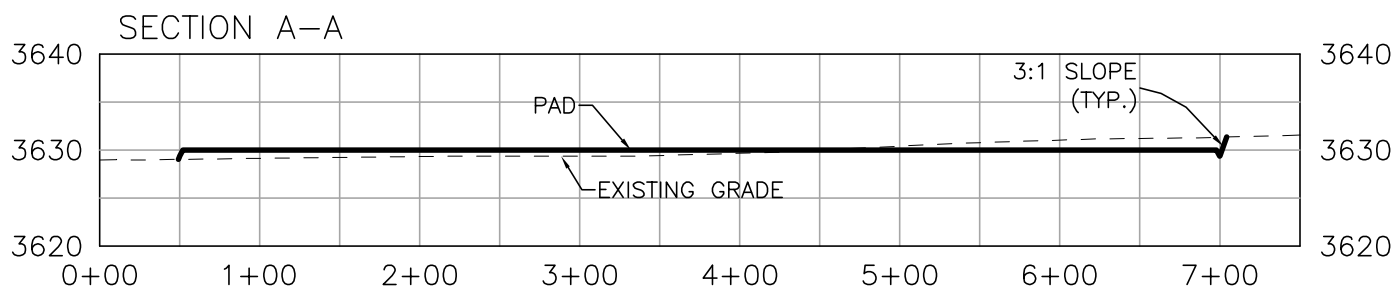
301 SOUTH CANAL  
(575) 234-3341

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SHEET 1-2  
SURVEY NO. 6945



# CROSS-SECTIONS



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

KAISER-FRANCIS OIL CO.  
GRADING PLAN AND CROSS SECTIONS  
FOR BELL LAKE UNIT SOUTH 403H  
SECTION 1, TOWNSHIP 24 SOUTH,  
RANGE 33 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO

012 60 120 240  
SCALE 1" = 120' - 1" = 20' VER

| CUT        | FILL        | NET                |
|------------|-------------|--------------------|
| 279 CU. YD | 7785 CU. YD | 7506 CU. YD (FILL) |

EARTHWORK QUANTITIES ARE ESTIMATED

DECEMBER 22, 2020

301 SOUTH CANAL  
(575) 234-3341

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

SHEET 2-2  
SURVEY NO. 6945

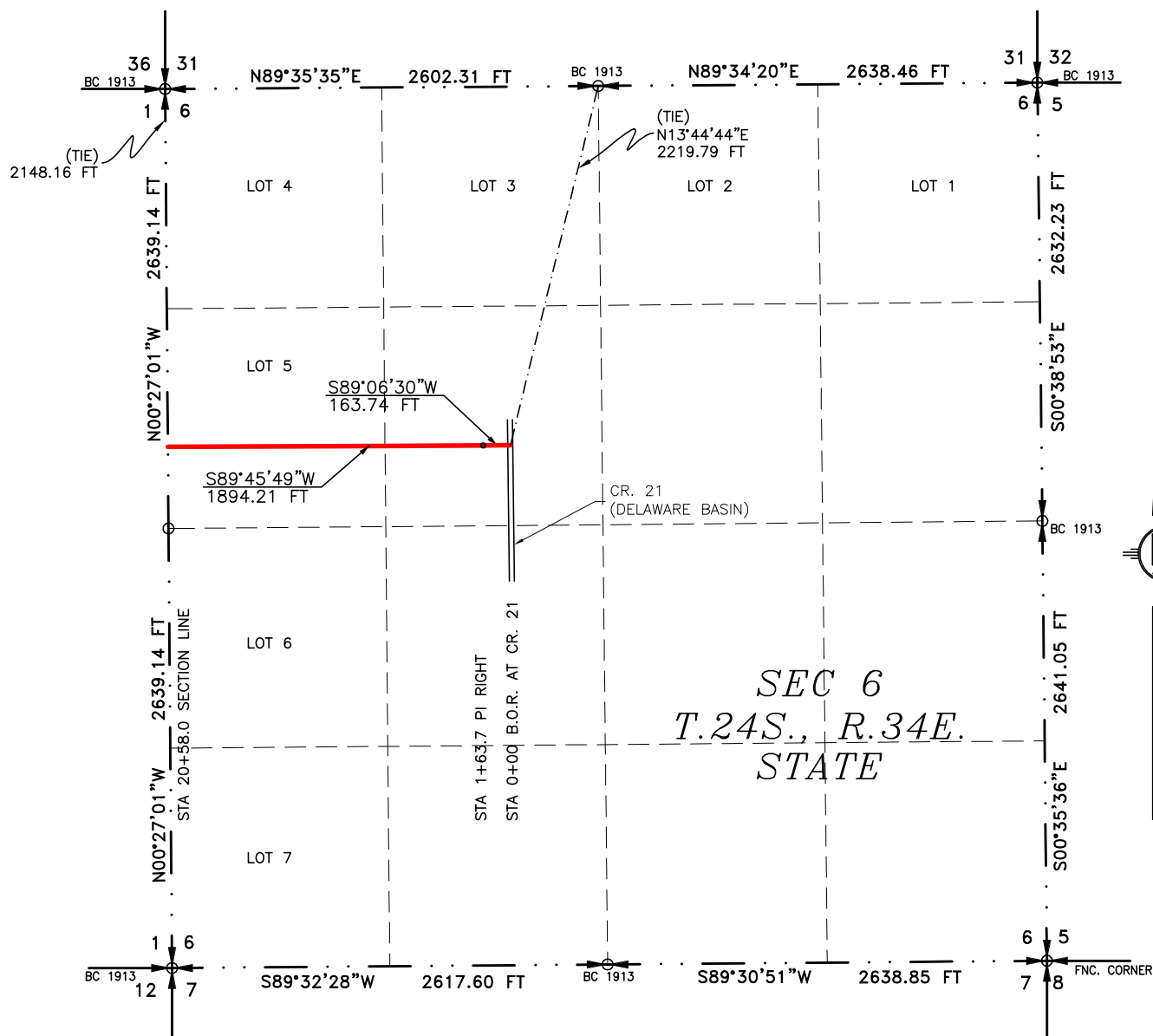


**ACCESS ROAD PLAT**

ACCESS ROAD TO THE BELL LAKE UNIT SOUTH PAD 1  
(BELL LAKE UNIT SOUTH 204H, 403H, 404H)

**KAISER-FRANCIS OIL CO.**

CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
SECTION 6, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M.  
LEA COUNTY, STATE OF NEW MEXICO  
DECEMBER 22, 2020



SEE NEXT SHEET (2-4) FOR DESCRIPTION

**SURVEYOR CERTIFICATE**

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

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 31 DAY OF DECEMBER 2020.

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

FILIMON F. JARAMILLO PLS. 2797

SURVEY NO. 6945

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

**GENERAL NOTES**

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

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

SHEET: 1-4

**ACCESS ROAD PLAT**  
**ACCESS ROAD TO THE BELL LAKE UNIT SOUTH PAD 1**  
**(BELL LAKE UNIT SOUTH 204H, 403H, 404H)**

**KAISER-FRANCIS OIL CO.**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 6, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**DECEMBER 22, 2020**

**DESCRIPTION**

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 6, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M., LEA COUNTY, STATE OF NEW MEXICO AND BEING 15 FEET EACH SIDE OF THE FOLLOWING DESCRIBED CENTERLINE SURVEY:

BEGINNING AT A POINT WITHIN THE SE/4 NW/4 OF SAID SECTION 6, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M., WHENCE THE NORTH QUARTER CORNER OF SAID SECTION 6, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N13°44'44"E, A DISTANCE OF 2219.79 FEET;

THENCE S89°06'30"W A DISTANCE OF 163.74 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°45'49"W A DISTANCE OF 1894.21 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 6, TOWNSHIP 24 SOUTH, RANGE 34 EAST, N.M.P.M. BEARS N00°27'01"W, A DISTANCE OF 2148.16 FEET;

SAID STRIP OF LAND BEING 2057.95 FEET OR 124.73 RODS IN LENGTH, CONTAINING 1.417 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| SE/4 NW/4 | 753.67 L.F.  | 45.68 RODS | 0.519 ACRES |
| LOT 5     | 1304.28 L.F. | 79.05 RODS | 0.898 ACRES |

**SURVEYOR CERTIFICATE**

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

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 31 DAY OF DECEMBER 2020.

*(Signature of Filimon F. Jaramillo)*  
**FILIMON F. JARAMILLO PLS. 2797**

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

**SURVEY NO. 6945**

**GENERAL NOTES**

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

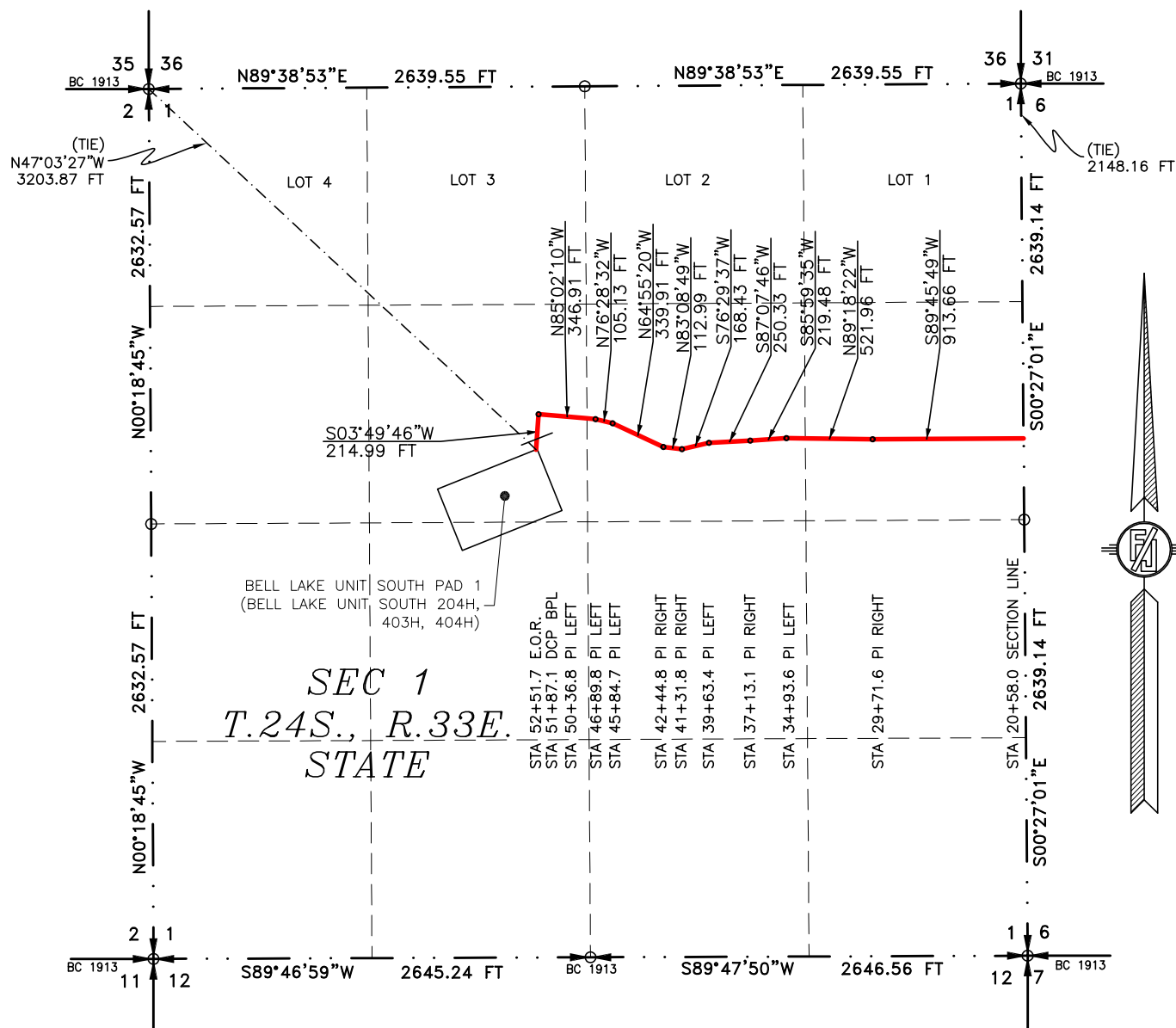
2.) BASIS OF BEARING AND DISTANCE IS NMSP EAST (NAD83) MODIFIED TO SURFACE COORDINATES. NAD 83 (FEET) AND NAVD 88 (FEET) COORDINATE SYSTEMS USED IN THE SURVEY.

**SHEET: 2-4**

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

**ACCESS ROAD PLAT**  
 ACCESS ROAD TO THE BELL LAKE UNIT SOUTH PAD 1  
 (BELL LAKE UNIT SOUTH 204H, 403H, 404H)

**KAISER-FRANCIS OIL CO.**  
 CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING  
 SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.  
 LEA COUNTY, STATE OF NEW MEXICO  
 DECEMBER 22, 2020



SEE NEXT SHEET (4-4) FOR DESCRIPTION



**GENERAL NOTES**

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

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

**SHEET: 3-4**

**MADRON SURVEYING, INC.**

**SURVEYOR CERTIFICATE**

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

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD,

NEW MEXICO, THIS 31 DAY OF DECEMBER 2020.

FILIMON F. JARAMILLO PLS. 22397

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

**SURVEY NO. 6945**

**ACCESS ROAD PLAT**  
**ACCESS ROAD TO THE BELL LAKE UNIT SOUTH PAD 1**  
**(BELL LAKE UNIT SOUTH 204H, 403H, 404H)**

**KAISER-FRANCIS OIL CO.**  
**CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING**  
**SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M.**  
**LEA COUNTY, STATE OF NEW MEXICO**  
**DECEMBER 22, 2020**

**DESCRIPTION**

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

BEGINNING AT A POINT WITHIN THE SE/4 NE/4 OF SAID SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE NORTHEAST CORNER OF SAID SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N00°27'01"W, A DISTANCE OF 2148.16 FEET;

THENCE S89°45'49"W A DISTANCE OF 913.66 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N89°18'22"W A DISTANCE OF 521.96 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S85°59'35"W A DISTANCE OF 219.48 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S87°07'46"W A DISTANCE OF 250.33 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S76°29'37"W A DISTANCE OF 168.43 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N83°08'49"W A DISTANCE OF 112.99 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N64°55'20"W A DISTANCE OF 339.91 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N76°28'32"W A DISTANCE OF 105.13 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE N85°02'10"W A DISTANCE OF 346.91 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;  
 THENCE S03°49'46"W A DISTANCE OF 214.99 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHWEST CORNER OF SAID SECTION 1, TOWNSHIP 24 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N47°03'27"W, A DISTANCE OF 3203.87 FEET;

SAID STRIP OF LAND BEING 3193.79 FEET OR 193.57 RODS IN LENGTH, CONTAINING 2.200 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

|           |              |            |             |
|-----------|--------------|------------|-------------|
| SE/4 NE/4 | 1321.28 L.F. | 80.08 RODS | 0.910 ACRES |
| SW/4 NE/4 | 1363.49 L.F. | 82.64 RODS | 0.939 ACRES |
| SE/4 NW/4 | 509.02 L.F.  | 30.85 RODS | 0.351 ACRES |

**GENERAL NOTES**

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

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

**SURVEYOR CERTIFICATE**

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

IN WITNESS WHEREOF, THIS CERTIFICATE IS EXECUTED AT CARLSBAD, NEW MEXICO, THIS 31 DAY OF DECEMBER 2020.

FILIMON F. JARAMILLO PLS. 2797  
 MADRON SURVEYING, INC.  
 301 SOUTH CANAL  
 CARLSBAD, NEW MEXICO 88220  
 Phone (575) 234-3341

**SURVEY NO. 6945**

**SHEET: 4-4**

**MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO**



# **KAISER FRANCIS OIL CO.**

**LEA COUNTY, N.M. 27**

**SEC 1-T24S-R33E**

**BELL LAKE UNIT S. 403H**

**HORIZONTAL**

**Plan: PLAN 4**

## **Standard Planning Report**

**14 February, 2021**

Kaiser-Francis Oil Company



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

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

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

|                      |                        |              |                     |                 |               |               |
|----------------------|------------------------|--------------|---------------------|-----------------|---------------|---------------|
| Well                 | BELL LAKE UNIT S. 403H |              |                     |                 |               |               |
| Well Position        | +N/-S                  | 877.94 usft  | Northing:           | 454,412.46 usft | Latitude:     | 32.24673      |
|                      | +E/-W                  | -948.84 usft | Easting:            | 749,112.45 usft | Longitude:    | -103.52758    |
| Position Uncertainty |                        | 0.00 usft    | Wellhead Elevation: | 3,628.30 usft   | Ground Level: | 3,628.30 usft |

|                  |                   |                    |                        |                      |                            |
|------------------|-------------------|--------------------|------------------------|----------------------|----------------------------|
| <b>Wellbore</b>  | HORIZONTAL        |                    |                        |                      |                            |
| <b>Magnetics</b> | <b>Model Name</b> | <b>Sample Date</b> | <b>Declination (°)</b> | <b>Dip Angle (°)</b> | <b>Field Strength (nT)</b> |
|                  | IGRF2020          | 01/12/21           | 6.58                   | 59.94                | 47,554.31727223            |

|                   |                            |                 |                 |                  |
|-------------------|----------------------------|-----------------|-----------------|------------------|
| Design            | PLAN 4                     |                 |                 |                  |
| Audit Notes:      |                            |                 |                 |                  |
| Version:          | Phase:                     | PLAN            | Tie On Depth:   | 0.00             |
| Vertical Section: | Depth From (TVD)<br>(usft) | +N/-S<br>(usft) | +E/-W<br>(usft) | Direction<br>(°) |
|                   | 0.00                       | 0.00            | 0.00            | 180.00           |

|                                 |                        |                          |                     |                |  |
|---------------------------------|------------------------|--------------------------|---------------------|----------------|--|
| <b>Plan Survey Tool Program</b> | <b>Date</b>            | 02/14/21                 |                     |                |  |
| <b>Depth From (usft)</b>        | <b>Depth To (usft)</b> | <b>Survey (Wellbore)</b> | <b>Tool Name</b>    | <b>Remarks</b> |  |
| 1                               | 0.00                   | 19,759.39                | PLAN 4 (HORIZONTAL) | MWD            |  |
|                                 |                        |                          | OWSG MWD - Standard |                |  |



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

| Plan Sections         |                 |             |                       |              |              |                         |                        |                       |         |           |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|------------------------|-----------------------|---------|-----------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) | TFO (°) | Target    |
| 0.00                  | 0.00            | 0.00        | 0.00                  | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 1,800.00              | 0.00            | 0.00        | 1,800.00              | 0.00         | 0.00         | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 2,333.33              | 8.00            | 49.36       | 2,331.60              | 24.21        | 28.21        | 1.50                    | 1.50                   | 0.00                  | 49.36   |           |
| 2,456.09              | 8.00            | 49.36       | 2,453.17              | 35.34        | 41.17        | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 2,856.09              | 2.00            | 49.36       | 2,851.46              | 58.03        | 67.62        | 1.50                    | -1.50                  | 0.00                  | 180.00  |           |
| 11,339.38             | 2.00            | 49.36       | 11,329.58             | 250.85       | 292.28       | 0.00                    | 0.00                   | 0.00                  | 0.00    | KOP 403H  |
| 12,032.77             | 88.85           | 179.55      | 11,780.00             | -180.83      | 307.44       | 13.00                   | 12.53                  | 18.78                 | 130.20  | PBHL 403H |
| 13,033.18             | 88.85           | 179.55      | 11,800.08             | -1,181.00    | 315.28       | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 13,111.84             | 90.03           | 179.55      | 11,800.85             | -1,259.66    | 315.90       | 1.50                    | 1.50                   | 0.00                  | -0.05   |           |
| 14,533.23             | 90.03           | 179.55      | 11,800.10             | -2,681.00    | 327.06       | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 14,699.23             | 87.54           | 179.55      | 11,803.62             | -2,846.95    | 328.37       | 1.50                    | -1.50                  | 0.00                  | 180.00  |           |
| 15,699.23             | 87.54           | 179.55      | 11,846.54             | -3,845.99    | 336.21       | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 15,863.23             | 90.00           | 179.55      | 11,850.06             | -4,009.94    | 337.50       | 1.50                    | 1.50                   | 0.00                  | 0.00    |           |
| 16,034.30             | 90.00           | 179.55      | 11,850.06             | -4,181.00    | 338.84       | 0.00                    | 0.00                   | 0.00                  | 0.00    |           |
| 19,759.39             | 90.00           | 179.55      | 11,850.06             | -7,905.98    | 368.10       | 0.00                    | 0.00                   | 0.00                  | 0.00    | PBHL 403H |



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

| 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                  |
| <b>Start Nudge 1.5° DLS</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 1,900.00                    | 1.50            | 49.36       | 1,899.99              | 0.85         | 0.99         | -0.85                   | 1.50                    | 1.50                   | 0.00                  |
| 2,000.00                    | 3.00            | 49.36       | 1,999.91              | 3.41         | 3.97         | -3.41                   | 1.50                    | 1.50                   | 0.00                  |
| 2,100.00                    | 4.50            | 49.36       | 2,099.69              | 7.67         | 8.94         | -7.67                   | 1.50                    | 1.50                   | 0.00                  |
| 2,200.00                    | 6.00            | 49.36       | 2,199.27              | 13.63        | 15.88        | -13.63                  | 1.50                    | 1.50                   | 0.00                  |
| 2,300.00                    | 7.50            | 49.36       | 2,298.57              | 21.28        | 24.80        | -21.28                  | 1.50                    | 1.50                   | 0.00                  |
| 2,333.33                    | 8.00            | 49.36       | 2,331.60              | 24.21        | 28.21        | -24.21                  | 1.50                    | 1.50                   | 0.00                  |
| <b>Hold 8° Inc</b>          |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,400.00                    | 8.00            | 49.36       | 2,397.62              | 30.25        | 35.25        | -30.25                  | 0.00                    | 0.00                   | 0.00                  |
| 2,456.09                    | 8.00            | 49.36       | 2,453.16              | 35.34        | 41.17        | -35.34                  | 0.00                    | 0.00                   | 0.00                  |
| <b>Start Drop 1.5° DLS</b>  |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,500.00                    | 7.34            | 49.36       | 2,496.68              | 39.15        | 45.62        | -39.15                  | 1.50                    | -1.50                  | 0.00                  |
| 2,600.00                    | 5.84            | 49.36       | 2,596.02              | 46.63        | 54.33        | -46.63                  | 1.50                    | -1.50                  | 0.00                  |
| 2,700.00                    | 4.34            | 49.36       | 2,695.62              | 52.41        | 61.06        | -52.41                  | 1.50                    | -1.50                  | 0.00                  |
| 2,800.00                    | 2.84            | 49.36       | 2,795.42              | 56.49        | 65.82        | -56.49                  | 1.50                    | -1.50                  | 0.00                  |
| 2,856.09                    | 2.00            | 49.36       | 2,851.46              | 58.03        | 67.62        | -58.03                  | 1.50                    | -1.50                  | 0.00                  |
| <b>Hold 2° Inc</b>          |                 |             |                       |              |              |                         |                         |                        |                       |
| 2,900.00                    | 2.00            | 49.36       | 2,895.34              | 59.03        | 68.78        | -59.03                  | 0.00                    | 0.00                   | 0.00                  |
| 3,000.00                    | 2.00            | 49.36       | 2,995.28              | 61.30        | 71.43        | -61.30                  | 0.00                    | 0.00                   | 0.00                  |
| 3,100.00                    | 2.00            | 49.36       | 3,095.22              | 63.58        | 74.08        | -63.58                  | 0.00                    | 0.00                   | 0.00                  |
| 3,200.00                    | 2.00            | 49.36       | 3,195.16              | 65.85        | 76.72        | -65.85                  | 0.00                    | 0.00                   | 0.00                  |
| 3,300.00                    | 2.00            | 49.36       | 3,295.10              | 68.12        | 79.37        | -68.12                  | 0.00                    | 0.00                   | 0.00                  |
| 3,400.00                    | 2.00            | 49.36       | 3,395.04              | 70.39        | 82.02        | -70.39                  | 0.00                    | 0.00                   | 0.00                  |
| 3,500.00                    | 2.00            | 49.36       | 3,494.98              | 72.67        | 84.67        | -72.67                  | 0.00                    | 0.00                   | 0.00                  |
| 3,600.00                    | 2.00            | 49.36       | 3,594.92              | 74.94        | 87.32        | -74.94                  | 0.00                    | 0.00                   | 0.00                  |
| 3,700.00                    | 2.00            | 49.36       | 3,694.86              | 77.21        | 89.97        | -77.21                  | 0.00                    | 0.00                   | 0.00                  |
| 3,800.00                    | 2.00            | 49.36       | 3,794.79              | 79.49        | 92.61        | -79.49                  | 0.00                    | 0.00                   | 0.00                  |
| 3,900.00                    | 2.00            | 49.36       | 3,894.73              | 81.76        | 95.26        | -81.76                  | 0.00                    | 0.00                   | 0.00                  |
| 4,000.00                    | 2.00            | 49.36       | 3,994.67              | 84.03        | 97.91        | -84.03                  | 0.00                    | 0.00                   | 0.00                  |
| 4,100.00                    | 2.00            | 49.36       | 4,094.61              | 86.30        | 100.56       | -86.30                  | 0.00                    | 0.00                   | 0.00                  |
| 4,200.00                    | 2.00            | 49.36       | 4,194.55              | 88.58        | 103.21       | -88.58                  | 0.00                    | 0.00                   | 0.00                  |
| 4,300.00                    | 2.00            | 49.36       | 4,294.49              | 90.85        | 105.86       | -90.85                  | 0.00                    | 0.00                   | 0.00                  |
| 4,400.00                    | 2.00            | 49.36       | 4,394.43              | 93.12        | 108.50       | -93.12                  | 0.00                    | 0.00                   | 0.00                  |
| 4,500.00                    | 2.00            | 49.36       | 4,494.37              | 95.40        | 111.15       | -95.40                  | 0.00                    | 0.00                   | 0.00                  |
| 4,600.00                    | 2.00            | 49.36       | 4,594.31              | 97.67        | 113.80       | -97.67                  | 0.00                    | 0.00                   | 0.00                  |



## SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

| Planned Survey        |                 |             |                       |              |              |                         |                         |                        |                       |
|-----------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|
| Measured Depth (usft) | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |
| 4,700.00              | 2.00            | 49.36       | 4,694.25              | 99.94        | 116.45       | -99.94                  | 0.00                    | 0.00                   | 0.00                  |
| 4,800.00              | 2.00            | 49.36       | 4,794.19              | 102.22       | 119.10       | -102.22                 | 0.00                    | 0.00                   | 0.00                  |
| 4,900.00              | 2.00            | 49.36       | 4,894.12              | 104.49       | 121.74       | -104.49                 | 0.00                    | 0.00                   | 0.00                  |
| 5,000.00              | 2.00            | 49.36       | 4,994.06              | 106.76       | 124.39       | -106.76                 | 0.00                    | 0.00                   | 0.00                  |
| 5,100.00              | 2.00            | 49.36       | 5,094.00              | 109.03       | 127.04       | -109.03                 | 0.00                    | 0.00                   | 0.00                  |
| 5,200.00              | 2.00            | 49.36       | 5,193.94              | 111.31       | 129.69       | -111.31                 | 0.00                    | 0.00                   | 0.00                  |
| 5,300.00              | 2.00            | 49.36       | 5,293.88              | 113.58       | 132.34       | -113.58                 | 0.00                    | 0.00                   | 0.00                  |
| 5,400.00              | 2.00            | 49.36       | 5,393.82              | 115.85       | 134.99       | -115.85                 | 0.00                    | 0.00                   | 0.00                  |
| 5,500.00              | 2.00            | 49.36       | 5,493.76              | 118.13       | 137.63       | -118.13                 | 0.00                    | 0.00                   | 0.00                  |
| 5,600.00              | 2.00            | 49.36       | 5,593.70              | 120.40       | 140.28       | -120.40                 | 0.00                    | 0.00                   | 0.00                  |
| 5,700.00              | 2.00            | 49.36       | 5,693.64              | 122.67       | 142.93       | -122.67                 | 0.00                    | 0.00                   | 0.00                  |
| 5,800.00              | 2.00            | 49.36       | 5,793.58              | 124.94       | 145.58       | -124.94                 | 0.00                    | 0.00                   | 0.00                  |
| 5,900.00              | 2.00            | 49.36       | 5,893.52              | 127.22       | 148.23       | -127.22                 | 0.00                    | 0.00                   | 0.00                  |
| 6,000.00              | 2.00            | 49.36       | 5,993.45              | 129.49       | 150.88       | -129.49                 | 0.00                    | 0.00                   | 0.00                  |
| 6,100.00              | 2.00            | 49.36       | 6,093.39              | 131.76       | 153.52       | -131.76                 | 0.00                    | 0.00                   | 0.00                  |
| 6,200.00              | 2.00            | 49.36       | 6,193.33              | 134.04       | 156.17       | -134.04                 | 0.00                    | 0.00                   | 0.00                  |
| 6,300.00              | 2.00            | 49.36       | 6,293.27              | 136.31       | 158.82       | -136.31                 | 0.00                    | 0.00                   | 0.00                  |
| 6,400.00              | 2.00            | 49.36       | 6,393.21              | 138.58       | 161.47       | -138.58                 | 0.00                    | 0.00                   | 0.00                  |
| 6,500.00              | 2.00            | 49.36       | 6,493.15              | 140.85       | 164.12       | -140.85                 | 0.00                    | 0.00                   | 0.00                  |
| 6,600.00              | 2.00            | 49.36       | 6,593.09              | 143.13       | 166.77       | -143.13                 | 0.00                    | 0.00                   | 0.00                  |
| 6,700.00              | 2.00            | 49.36       | 6,693.03              | 145.40       | 169.41       | -145.40                 | 0.00                    | 0.00                   | 0.00                  |
| 6,800.00              | 2.00            | 49.36       | 6,792.97              | 147.67       | 172.06       | -147.67                 | 0.00                    | 0.00                   | 0.00                  |
| 6,900.00              | 2.00            | 49.36       | 6,892.91              | 149.95       | 174.71       | -149.95                 | 0.00                    | 0.00                   | 0.00                  |
| 7,000.00              | 2.00            | 49.36       | 6,992.85              | 152.22       | 177.36       | -152.22                 | 0.00                    | 0.00                   | 0.00                  |
| 7,100.00              | 2.00            | 49.36       | 7,092.78              | 154.49       | 180.01       | -154.49                 | 0.00                    | 0.00                   | 0.00                  |
| 7,200.00              | 2.00            | 49.36       | 7,192.72              | 156.77       | 182.66       | -156.77                 | 0.00                    | 0.00                   | 0.00                  |
| 7,300.00              | 2.00            | 49.36       | 7,292.66              | 159.04       | 185.30       | -159.04                 | 0.00                    | 0.00                   | 0.00                  |
| 7,400.00              | 2.00            | 49.36       | 7,392.60              | 161.31       | 187.95       | -161.31                 | 0.00                    | 0.00                   | 0.00                  |
| 7,500.00              | 2.00            | 49.36       | 7,492.54              | 163.58       | 190.60       | -163.58                 | 0.00                    | 0.00                   | 0.00                  |
| 7,600.00              | 2.00            | 49.36       | 7,592.48              | 165.86       | 193.25       | -165.86                 | 0.00                    | 0.00                   | 0.00                  |
| 7,700.00              | 2.00            | 49.36       | 7,692.42              | 168.13       | 195.90       | -168.13                 | 0.00                    | 0.00                   | 0.00                  |
| 7,800.00              | 2.00            | 49.36       | 7,792.36              | 170.40       | 198.55       | -170.40                 | 0.00                    | 0.00                   | 0.00                  |
| 7,900.00              | 2.00            | 49.36       | 7,892.30              | 172.68       | 201.19       | -172.68                 | 0.00                    | 0.00                   | 0.00                  |
| 8,000.00              | 2.00            | 49.36       | 7,992.24              | 174.95       | 203.84       | -174.95                 | 0.00                    | 0.00                   | 0.00                  |
| 8,100.00              | 2.00            | 49.36       | 8,092.18              | 177.22       | 206.49       | -177.22                 | 0.00                    | 0.00                   | 0.00                  |
| 8,200.00              | 2.00            | 49.36       | 8,192.11              | 179.49       | 209.14       | -179.49                 | 0.00                    | 0.00                   | 0.00                  |
| 8,300.00              | 2.00            | 49.36       | 8,292.05              | 181.77       | 211.79       | -181.77                 | 0.00                    | 0.00                   | 0.00                  |
| 8,400.00              | 2.00            | 49.36       | 8,391.99              | 184.04       | 214.44       | -184.04                 | 0.00                    | 0.00                   | 0.00                  |
| 8,500.00              | 2.00            | 49.36       | 8,491.93              | 186.31       | 217.08       | -186.31                 | 0.00                    | 0.00                   | 0.00                  |
| 8,600.00              | 2.00            | 49.36       | 8,591.87              | 188.59       | 219.73       | -188.59                 | 0.00                    | 0.00                   | 0.00                  |
| 8,700.00              | 2.00            | 49.36       | 8,691.81              | 190.86       | 222.38       | -190.86                 | 0.00                    | 0.00                   | 0.00                  |
| 8,800.00              | 2.00            | 49.36       | 8,791.75              | 193.13       | 225.03       | -193.13                 | 0.00                    | 0.00                   | 0.00                  |
| 8,900.00              | 2.00            | 49.36       | 8,891.69              | 195.40       | 227.68       | -195.40                 | 0.00                    | 0.00                   | 0.00                  |
| 9,000.00              | 2.00            | 49.36       | 8,991.63              | 197.68       | 230.33       | -197.68                 | 0.00                    | 0.00                   | 0.00                  |
| 9,100.00              | 2.00            | 49.36       | 9,091.57              | 199.95       | 232.97       | -199.95                 | 0.00                    | 0.00                   | 0.00                  |
| 9,200.00              | 2.00            | 49.36       | 9,191.51              | 202.22       | 235.62       | -202.22                 | 0.00                    | 0.00                   | 0.00                  |
| 9,300.00              | 2.00            | 49.36       | 9,291.44              | 204.50       | 238.27       | -204.50                 | 0.00                    | 0.00                   | 0.00                  |
| 9,400.00              | 2.00            | 49.36       | 9,391.38              | 206.77       | 240.92       | -206.77                 | 0.00                    | 0.00                   | 0.00                  |
| 9,500.00              | 2.00            | 49.36       | 9,491.32              | 209.04       | 243.57       | -209.04                 | 0.00                    | 0.00                   | 0.00                  |
| 9,600.00              | 2.00            | 49.36       | 9,591.26              | 211.32       | 246.22       | -211.32                 | 0.00                    | 0.00                   | 0.00                  |
| 9,700.00              | 2.00            | 49.36       | 9,691.20              | 213.59       | 248.86       | -213.59                 | 0.00                    | 0.00                   | 0.00                  |
| 9,800.00              | 2.00            | 49.36       | 9,791.14              | 215.86       | 251.51       | -215.86                 | 0.00                    | 0.00                   | 0.00                  |
| 9,900.00              | 2.00            | 49.36       | 9,891.08              | 218.13       | 254.16       | -218.13                 | 0.00                    | 0.00                   | 0.00                  |
| 10,000.00             | 2.00            | 49.36       | 9,991.02              | 220.41       | 256.81       | -220.41                 | 0.00                    | 0.00                   | 0.00                  |



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

| 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) |
| 10,100.00                                  | 2.00            | 49.36       | 10,090.96             | 222.68       | 259.46       | -222.68                 | 0.00                    | 0.00                   | 0.00                  |
| 10,200.00                                  | 2.00            | 49.36       | 10,190.90             | 224.95       | 262.11       | -224.95                 | 0.00                    | 0.00                   | 0.00                  |
| 10,300.00                                  | 2.00            | 49.36       | 10,290.84             | 227.23       | 264.75       | -227.23                 | 0.00                    | 0.00                   | 0.00                  |
| 10,400.00                                  | 2.00            | 49.36       | 10,390.77             | 229.50       | 267.40       | -229.50                 | 0.00                    | 0.00                   | 0.00                  |
| 10,500.00                                  | 2.00            | 49.36       | 10,490.71             | 231.77       | 270.05       | -231.77                 | 0.00                    | 0.00                   | 0.00                  |
| 10,600.00                                  | 2.00            | 49.36       | 10,590.65             | 234.04       | 272.70       | -234.04                 | 0.00                    | 0.00                   | 0.00                  |
| 10,700.00                                  | 2.00            | 49.36       | 10,690.59             | 236.32       | 275.35       | -236.32                 | 0.00                    | 0.00                   | 0.00                  |
| 10,800.00                                  | 2.00            | 49.36       | 10,790.53             | 238.59       | 278.00       | -238.59                 | 0.00                    | 0.00                   | 0.00                  |
| 10,900.00                                  | 2.00            | 49.36       | 10,890.47             | 240.86       | 280.64       | -240.86                 | 0.00                    | 0.00                   | 0.00                  |
| 11,000.00                                  | 2.00            | 49.36       | 10,990.41             | 243.14       | 283.29       | -243.14                 | 0.00                    | 0.00                   | 0.00                  |
| 11,100.00                                  | 2.00            | 49.36       | 11,090.35             | 245.41       | 285.94       | -245.41                 | 0.00                    | 0.00                   | 0.00                  |
| 11,200.00                                  | 2.00            | 49.36       | 11,190.29             | 247.68       | 288.59       | -247.68                 | 0.00                    | 0.00                   | 0.00                  |
| 11,300.00                                  | 2.00            | 49.36       | 11,290.23             | 249.95       | 291.24       | -249.95                 | 0.00                    | 0.00                   | 0.00                  |
| 11,339.38                                  | 2.00            | 49.36       | 11,329.58             | 250.85       | 292.28       | -250.85                 | 0.00                    | 0.00                   | 0.00                  |
| <b>KOP 13° DLS</b>                         |                 |             |                       |              |              |                         |                         |                        |                       |
| 11,350.00                                  | 1.53            | 92.94       | 11,340.20             | 250.96       | 292.56       | -250.96                 | 13.00                   | -4.43                  | 410.33                |
| 11,375.00                                  | 3.67            | 155.03      | 11,365.17             | 250.22       | 293.23       | -250.22                 | 13.00                   | 8.57                   | 248.37                |
| 11,400.00                                  | 6.76            | 166.59      | 11,390.07             | 248.06       | 293.91       | -248.06                 | 13.00                   | 12.37                  | 46.23                 |
| 11,425.00                                  | 9.96            | 170.84      | 11,414.80             | 244.50       | 294.60       | -244.50                 | 13.00                   | 12.77                  | 17.02                 |
| 11,450.00                                  | 13.18           | 173.04      | 11,439.29             | 239.53       | 295.29       | -239.53                 | 13.00                   | 12.88                  | 8.79                  |
| 11,475.00                                  | 16.41           | 174.39      | 11,463.46             | 233.19       | 295.98       | -233.19                 | 13.00                   | 12.93                  | 5.38                  |
| 11,500.00                                  | 19.65           | 175.30      | 11,487.23             | 225.48       | 296.67       | -225.48                 | 13.00                   | 12.95                  | 3.65                  |
| 11,525.00                                  | 22.89           | 175.96      | 11,510.52             | 216.44       | 297.36       | -216.44                 | 13.00                   | 12.96                  | 2.65                  |
| 11,550.00                                  | 26.13           | 176.47      | 11,533.27             | 206.09       | 298.04       | -206.09                 | 13.00                   | 12.97                  | 2.02                  |
| 11,575.00                                  | 29.38           | 176.87      | 11,555.39             | 194.47       | 298.71       | -194.47                 | 13.00                   | 12.98                  | 1.60                  |
| 11,600.00                                  | 32.62           | 177.19      | 11,576.81             | 181.62       | 299.38       | -181.62                 | 13.00                   | 12.98                  | 1.31                  |
| 11,625.00                                  | 35.87           | 177.47      | 11,597.48             | 167.57       | 300.03       | -167.57                 | 13.00                   | 12.99                  | 1.10                  |
| 11,650.00                                  | 39.11           | 177.70      | 11,617.31             | 152.37       | 300.67       | -152.37                 | 13.00                   | 12.99                  | 0.94                  |
| 11,675.00                                  | 42.36           | 177.91      | 11,636.25             | 136.07       | 301.30       | -136.07                 | 13.00                   | 12.99                  | 0.81                  |
| 11,700.00                                  | 45.61           | 178.09      | 11,654.24             | 118.72       | 301.90       | -118.72                 | 13.00                   | 12.99                  | 0.72                  |
| 11,725.00                                  | 48.86           | 178.25      | 11,671.21             | 100.38       | 302.49       | -100.38                 | 13.00                   | 12.99                  | 0.64                  |
| 11,750.00                                  | 52.11           | 178.39      | 11,687.11             | 81.10        | 303.05       | -81.10                  | 13.00                   | 12.99                  | 0.58                  |
| 11,775.00                                  | 55.35           | 178.53      | 11,701.90             | 60.95        | 303.59       | -60.95                  | 13.00                   | 12.99                  | 0.53                  |
| 11,800.00                                  | 58.60           | 178.65      | 11,715.52             | 40.00        | 304.11       | -40.00                  | 13.00                   | 12.99                  | 0.49                  |
| 11,825.00                                  | 61.85           | 178.76      | 11,727.94             | 18.31        | 304.60       | -18.31                  | 13.00                   | 12.99                  | 0.46                  |
| 11,850.00                                  | 65.10           | 178.87      | 11,739.10             | -4.05        | 305.06       | 4.05                    | 13.00                   | 12.99                  | 0.43                  |
| 11,875.00                                  | 68.35           | 178.98      | 11,748.98             | -27.01       | 305.49       | 27.01                   | 13.00                   | 12.99                  | 0.41                  |
| 11,900.00                                  | 71.60           | 179.07      | 11,757.54             | -50.49       | 305.89       | 50.49                   | 13.00                   | 12.99                  | 0.39                  |
| 11,925.00                                  | 74.85           | 179.17      | 11,764.76             | -74.42       | 306.26       | 74.42                   | 13.00                   | 12.99                  | 0.38                  |
| 11,950.00                                  | 78.09           | 179.26      | 11,770.60             | -98.72       | 306.59       | 98.72                   | 13.00                   | 13.00                  | 0.37                  |
| 11,975.00                                  | 81.34           | 179.35      | 11,775.07             | -123.31      | 306.89       | 123.31                  | 13.00                   | 13.00                  | 0.36                  |
| 12,000.00                                  | 84.59           | 179.44      | 11,778.13             | -148.12      | 307.15       | 148.12                  | 13.00                   | 13.00                  | 0.35                  |
| 12,025.00                                  | 87.84           | 179.52      | 11,779.78             | -173.06      | 307.38       | 173.06                  | 13.00                   | 13.00                  | 0.35                  |
| 12,032.77                                  | 88.85           | 179.55      | 11,780.00             | -180.83      | 307.44       | 180.83                  | 13.00                   | 12.99                  | 0.35                  |
| <b>LP 12032.77' MD &amp; 11780.00' TVD</b> |                 |             |                       |              |              |                         |                         |                        |                       |
| 12,100.00                                  | 88.85           | 179.55      | 11,781.35             | -248.04      | 307.97       | 248.04                  | 0.00                    | 0.00                   | 0.00                  |
| 12,200.00                                  | 88.85           | 179.55      | 11,783.36             | -348.02      | 308.75       | 348.02                  | 0.00                    | 0.00                   | 0.00                  |
| 12,300.00                                  | 88.85           | 179.55      | 11,785.36             | -448.00      | 309.54       | 448.00                  | 0.00                    | 0.00                   | 0.00                  |
| 12,400.00                                  | 88.85           | 179.55      | 11,787.37             | -547.97      | 310.32       | 547.97                  | 0.00                    | 0.00                   | 0.00                  |
| 12,500.00                                  | 88.85           | 179.55      | 11,789.38             | -647.95      | 311.10       | 647.95                  | 0.00                    | 0.00                   | 0.00                  |
| 12,600.00                                  | 88.85           | 179.55      | 11,791.38             | -747.93      | 311.89       | 747.93                  | 0.00                    | 0.00                   | 0.00                  |
| 12,700.00                                  | 88.85           | 179.55      | 11,793.39             | -847.90      | 312.67       | 847.90                  | 0.00                    | 0.00                   | 0.00                  |
| 12,800.00                                  | 88.85           | 179.55      | 11,795.40             | -947.88      | 313.45       | 947.88                  | 0.00                    | 0.00                   | 0.00                  |



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

| 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) |
| 12,900.00             | 88.85           | 179.55      | 11,797.41             | -1,047.86    | 314.24       | 1,047.86                | 0.00                    | 0.00                   | 0.00                  |
| 13,000.00             | 88.85           | 179.55      | 11,799.41             | -1,147.83    | 315.02       | 1,147.83                | 0.00                    | 0.00                   | 0.00                  |
| 13,033.18             | 88.85           | 179.55      | 11,800.08             | -1,181.01    | 315.28       | 1,181.01                | 0.00                    | 0.00                   | 0.00                  |
| <b>1000' FTP</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 13,100.00             | 89.85           | 179.55      | 11,800.84             | -1,247.82    | 315.81       | 1,247.82                | 1.50                    | 1.50                   | 0.00                  |
| 13,111.84             | 90.03           | 179.55      | 11,800.85             | -1,259.66    | 315.90       | 1,259.66                | 1.50                    | 1.50                   | 0.00                  |
| 13,200.00             | 90.03           | 179.55      | 11,800.80             | -1,347.82    | 316.59       | 1,347.82                | 0.00                    | 0.00                   | 0.00                  |
| 13,300.00             | 90.03           | 179.55      | 11,800.75             | -1,447.81    | 317.38       | 1,447.81                | 0.00                    | 0.00                   | 0.00                  |
| 13,400.00             | 90.03           | 179.55      | 11,800.70             | -1,547.81    | 318.16       | 1,547.81                | 0.00                    | 0.00                   | 0.00                  |
| 13,500.00             | 90.03           | 179.55      | 11,800.64             | -1,647.81    | 318.95       | 1,647.81                | 0.00                    | 0.00                   | 0.00                  |
| 13,600.00             | 90.03           | 179.55      | 11,800.59             | -1,747.80    | 319.73       | 1,747.80                | 0.00                    | 0.00                   | 0.00                  |
| 13,700.00             | 90.03           | 179.55      | 11,800.54             | -1,847.80    | 320.52       | 1,847.80                | 0.00                    | 0.00                   | 0.00                  |
| 13,800.00             | 90.03           | 179.55      | 11,800.49             | -1,947.80    | 321.30       | 1,947.80                | 0.00                    | 0.00                   | 0.00                  |
| 13,900.00             | 90.03           | 179.55      | 11,800.43             | -2,047.79    | 322.09       | 2,047.79                | 0.00                    | 0.00                   | 0.00                  |
| 14,000.00             | 90.03           | 179.55      | 11,800.38             | -2,147.79    | 322.87       | 2,147.79                | 0.00                    | 0.00                   | 0.00                  |
| 14,100.00             | 90.03           | 179.55      | 11,800.33             | -2,247.79    | 323.66       | 2,247.79                | 0.00                    | 0.00                   | 0.00                  |
| 14,200.00             | 90.03           | 179.55      | 11,800.28             | -2,347.78    | 324.45       | 2,347.78                | 0.00                    | 0.00                   | 0.00                  |
| 14,300.00             | 90.03           | 179.55      | 11,800.23             | -2,447.78    | 325.23       | 2,447.78                | 0.00                    | 0.00                   | 0.00                  |
| 14,400.00             | 90.03           | 179.55      | 11,800.17             | -2,547.78    | 326.02       | 2,547.78                | 0.00                    | 0.00                   | 0.00                  |
| 14,500.00             | 90.03           | 179.55      | 11,800.12             | -2,647.77    | 326.80       | 2,647.77                | 0.00                    | 0.00                   | 0.00                  |
| 14,533.23             | 90.03           | 179.55      | 11,800.10             | -2,681.00    | 327.06       | 2,681.00                | 0.00                    | 0.00                   | 0.00                  |
| <b>2500' FTP</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 14,600.00             | 89.03           | 179.55      | 11,800.65             | -2,747.77    | 327.59       | 2,747.77                | 1.50                    | -1.50                  | 0.00                  |
| 14,699.23             | 87.54           | 179.55      | 11,803.62             | -2,846.95    | 328.37       | 2,846.95                | 1.50                    | -1.50                  | 0.00                  |
| 14,800.00             | 87.54           | 179.55      | 11,807.95             | -2,947.62    | 329.16       | 2,947.62                | 0.00                    | 0.00                   | 0.00                  |
| 14,900.00             | 87.54           | 179.55      | 11,812.24             | -3,047.53    | 329.94       | 3,047.53                | 0.00                    | 0.00                   | 0.00                  |
| 15,000.00             | 87.54           | 179.55      | 11,816.53             | -3,147.43    | 330.73       | 3,147.43                | 0.00                    | 0.00                   | 0.00                  |
| 15,100.00             | 87.54           | 179.55      | 11,820.82             | -3,247.34    | 331.51       | 3,247.34                | 0.00                    | 0.00                   | 0.00                  |
| 15,200.00             | 87.54           | 179.55      | 11,825.12             | -3,347.24    | 332.30       | 3,347.24                | 0.00                    | 0.00                   | 0.00                  |
| 15,300.00             | 87.54           | 179.55      | 11,829.41             | -3,447.15    | 333.08       | 3,447.15                | 0.00                    | 0.00                   | 0.00                  |
| 15,400.00             | 87.54           | 179.55      | 11,833.70             | -3,547.05    | 333.86       | 3,547.05                | 0.00                    | 0.00                   | 0.00                  |
| 15,500.00             | 87.54           | 179.55      | 11,837.99             | -3,646.96    | 334.65       | 3,646.96                | 0.00                    | 0.00                   | 0.00                  |
| 15,600.00             | 87.54           | 179.55      | 11,842.29             | -3,746.86    | 335.43       | 3,746.86                | 0.00                    | 0.00                   | 0.00                  |
| 15,699.23             | 87.54           | 179.55      | 11,846.54             | -3,845.99    | 336.21       | 3,845.99                | 0.00                    | 0.00                   | 0.00                  |
| 15,800.00             | 89.05           | 179.55      | 11,849.54             | -3,946.72    | 337.00       | 3,946.72                | 1.50                    | 1.50                   | 0.00                  |
| 15,863.23             | 90.00           | 179.55      | 11,850.06             | -4,009.94    | 337.50       | 4,009.94                | 1.50                    | 1.50                   | 0.00                  |
| 15,900.00             | 90.00           | 179.55      | 11,850.06             | -4,046.71    | 337.79       | 4,046.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,000.00             | 90.00           | 179.55      | 11,850.06             | -4,146.71    | 338.57       | 4,146.71                | 0.00                    | 0.00                   | 0.00                  |
| 16,034.29             | 90.00           | 179.55      | 11,850.06             | -4,181.00    | 338.84       | 4,181.00                | 0.00                    | 0.00                   | 0.00                  |
| <b>4000' FTP</b>      |                 |             |                       |              |              |                         |                         |                        |                       |
| 16,100.00             | 90.00           | 179.55      | 11,850.06             | -4,246.70    | 339.36       | 4,246.70                | 0.00                    | 0.00                   | 0.00                  |
| 16,200.00             | 90.00           | 179.55      | 11,850.06             | -4,346.70    | 340.15       | 4,346.70                | 0.00                    | 0.00                   | 0.00                  |
| 16,300.00             | 90.00           | 179.55      | 11,850.06             | -4,446.70    | 340.93       | 4,446.70                | 0.00                    | 0.00                   | 0.00                  |
| 16,400.00             | 90.00           | 179.55      | 11,850.06             | -4,546.69    | 341.72       | 4,546.69                | 0.00                    | 0.00                   | 0.00                  |
| 16,500.00             | 90.00           | 179.55      | 11,850.06             | -4,646.69    | 342.50       | 4,646.69                | 0.00                    | 0.00                   | 0.00                  |
| 16,600.00             | 90.00           | 179.55      | 11,850.06             | -4,746.69    | 343.29       | 4,746.69                | 0.00                    | 0.00                   | 0.00                  |
| 16,700.00             | 90.00           | 179.55      | 11,850.06             | -4,846.68    | 344.07       | 4,846.68                | 0.00                    | 0.00                   | 0.00                  |
| 16,800.00             | 90.00           | 179.55      | 11,850.06             | -4,946.68    | 344.86       | 4,946.68                | 0.00                    | 0.00                   | 0.00                  |
| 16,900.00             | 90.00           | 179.55      | 11,850.06             | -5,046.68    | 345.64       | 5,046.68                | 0.00                    | 0.00                   | 0.00                  |
| 17,000.00             | 90.00           | 179.55      | 11,850.06             | -5,146.68    | 346.43       | 5,146.68                | 0.00                    | 0.00                   | 0.00                  |
| 17,100.00             | 90.00           | 179.55      | 11,850.06             | -5,246.67    | 347.21       | 5,246.67                | 0.00                    | 0.00                   | 0.00                  |
| 17,200.00             | 90.00           | 179.55      | 11,850.06             | -5,346.67    | 348.00       | 5,346.67                | 0.00                    | 0.00                   | 0.00                  |
| 17,300.00             | 90.00           | 179.55      | 11,850.06             | -5,446.67    | 348.78       | 5,446.67                | 0.00                    | 0.00                   | 0.00                  |



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

| Planned Survey                    |                 |             |                       |              |              |                         |                         |                        |                       |  |
|-----------------------------------|-----------------|-------------|-----------------------|--------------|--------------|-------------------------|-------------------------|------------------------|-----------------------|--|
| Measured Depth (usft)             | Inclination (°) | Azimuth (°) | Vertical Depth (usft) | +N/-S (usft) | +E/-W (usft) | Vertical Section (usft) | Dogleg Rate (°/100usft) | Build Rate (°/100usft) | Turn Rate (°/100usft) |  |
| 17,400.00                         | 90.00           | 179.55      | 11,850.06             | -5,546.66    | 349.57       | 5,546.66                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,500.00                         | 90.00           | 179.55      | 11,850.06             | -5,646.66    | 350.36       | 5,646.66                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,600.00                         | 90.00           | 179.55      | 11,850.06             | -5,746.66    | 351.14       | 5,746.66                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,700.00                         | 90.00           | 179.55      | 11,850.06             | -5,846.65    | 351.93       | 5,846.65                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,800.00                         | 90.00           | 179.55      | 11,850.06             | -5,946.65    | 352.71       | 5,946.65                | 0.00                    | 0.00                   | 0.00                  |  |
| 17,900.00                         | 90.00           | 179.55      | 11,850.06             | -6,046.65    | 353.50       | 6,046.65                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,000.00                         | 90.00           | 179.55      | 11,850.06             | -6,146.64    | 354.28       | 6,146.64                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,100.00                         | 90.00           | 179.55      | 11,850.06             | -6,246.64    | 355.07       | 6,246.64                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,200.00                         | 90.00           | 179.55      | 11,850.06             | -6,346.64    | 355.85       | 6,346.64                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,300.00                         | 90.00           | 179.55      | 11,850.06             | -6,446.64    | 356.64       | 6,446.64                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,400.00                         | 90.00           | 179.55      | 11,850.06             | -6,546.63    | 357.42       | 6,546.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,500.00                         | 90.00           | 179.55      | 11,850.06             | -6,646.63    | 358.21       | 6,646.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,600.00                         | 90.00           | 179.55      | 11,850.06             | -6,746.63    | 358.99       | 6,746.63                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,700.00                         | 90.00           | 179.55      | 11,850.06             | -6,846.62    | 359.78       | 6,846.62                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,800.00                         | 90.00           | 179.55      | 11,850.06             | -6,946.62    | 360.57       | 6,946.62                | 0.00                    | 0.00                   | 0.00                  |  |
| 18,900.00                         | 90.00           | 179.55      | 11,850.06             | -7,046.62    | 361.35       | 7,046.62                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,000.00                         | 90.00           | 179.55      | 11,850.06             | -7,146.61    | 362.14       | 7,146.61                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,100.00                         | 90.00           | 179.55      | 11,850.06             | -7,246.61    | 362.92       | 7,246.61                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,200.00                         | 90.00           | 179.55      | 11,850.06             | -7,346.61    | 363.71       | 7,346.61                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,300.00                         | 90.00           | 179.55      | 11,850.06             | -7,446.60    | 364.49       | 7,446.60                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,400.00                         | 90.00           | 179.55      | 11,850.06             | -7,546.60    | 365.28       | 7,546.60                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,500.00                         | 90.00           | 179.55      | 11,850.06             | -7,646.60    | 366.06       | 7,646.60                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,600.00                         | 90.00           | 179.55      | 11,850.06             | -7,746.60    | 366.85       | 7,746.60                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,700.00                         | 90.00           | 179.55      | 11,850.06             | -7,846.59    | 367.63       | 7,846.59                | 0.00                    | 0.00                   | 0.00                  |  |
| 19,759.39                         | 90.00           | 179.55      | 11,850.06             | -7,905.98    | 368.10       | 7,905.98                | 0.00                    | 0.00                   | 0.00                  |  |
| PBHL 19759.39' MD & 11850.06' TVD |                 |             |                       |              |              |                         |                         |                        |                       |  |

| Design Targets                                                                                                          |               |              |            |              |              |                 |                |          |            |
|-------------------------------------------------------------------------------------------------------------------------|---------------|--------------|------------|--------------|--------------|-----------------|----------------|----------|------------|
| Target Name                                                                                                             | Dip Angle (°) | Dip Dir. (°) | TVD (usft) | +N/-S (usft) | +E/-W (usft) | Northing (usft) | Easting (usft) | Latitude | Longitude  |
| KOP 403H<br>- hit/miss target<br>- Shape<br>- plan hits target center<br>- Point                                        | 0.00          | 0.00         | 11,329.58  | 250.85       | 292.28       | 454,663.31      | 749,404.73     | 32.24741 | -103.52663 |
| FTP 403H<br>- plan hits target center<br>- Point                                                                        | 0.00          | 0.00         | 11,780.00  | -180.83      | 307.44       | 454,231.63      | 749,419.89     | 32.24622 | -103.52659 |
| PBHL 403H<br>- plan misses target center by 0.13usft at 19759.39usft MD (11850.06 TVD, -7905.98 N, 368.10 E)<br>- Point | 0.00          | 0.00         | 11,850.00  | -7,905.98    | 367.99       | 446,506.48      | 749,480.44     | 32.22499 | -103.52658 |



# SB Directional Services

## Planning Report

Kaiser-Francis Oil Company

|                  |                            |                                     |                                 |
|------------------|----------------------------|-------------------------------------|---------------------------------|
| <b>Database:</b> | EDM 5000.15 Single User Db | <b>Local Co-ordinate Reference:</b> | Well BELL LAKE UNIT S. 403H     |
| <b>Company:</b>  | KAISER FRANCIS OIL CO.     | <b>TVD Reference:</b>               | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Project:</b>  | LEA COUNTY, N.M. 27        | <b>MD Reference:</b>                | GE+23.5 @ 3651.80usft (CAC 170) |
| <b>Site:</b>     | SEC 1-T24S-R33E            | <b>North Reference:</b>             | Grid                            |
| <b>Well:</b>     | BELL LAKE UNIT S. 403H     | <b>Survey Calculation Method:</b>   | Minimum Curvature               |
| <b>Wellbore:</b> | HORIZONTAL                 |                                     |                                 |
| <b>Design:</b>   | PLAN 4                     |                                     |                                 |

### Plan Annotations

| Measured<br>Depth<br>(usft) | Vertical<br>Depth<br>(usft) | Local Coordinates |                 | Comment                           |
|-----------------------------|-----------------------------|-------------------|-----------------|-----------------------------------|
|                             |                             | +N/-S<br>(usft)   | +E/-W<br>(usft) |                                   |
| 1,800.00                    | 1,800.00                    | 0.00              | 0.00            | Start Nudge 1.5° DLS              |
| 2,333.33                    | 2,331.60                    | 24.21             | 28.21           | Hold 8° Inc                       |
| 2,456.09                    | 2,453.16                    | 35.34             | 41.17           | Start Drop 1.5° DLS               |
| 2,856.09                    | 2,851.46                    | 58.03             | 67.62           | Hold 2° Inc                       |
| 11,339.38                   | 11,329.58                   | 250.85            | 292.28          | KOP 13° DLS                       |
| 12,032.77                   | 11,780.00                   | -180.83           | 307.44          | LP 12032.77' MD & 11780.00' TVD   |
| 13,033.18                   | 11,800.08                   | -1,181.01         | 315.28          | 1000' FTP                         |
| 14,533.23                   | 11,800.10                   | -2,681.00         | 327.06          | 2500' FTP                         |
| 16,034.29                   | 11,850.06                   | -4,181.00         | 338.84          | 4000' FTP                         |
| 19,759.39                   | 11,850.06                   | -7,905.98         | 368.10          | PBHL 19759.39' MD & 11850.06' TVD |

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 146532

CONDITIONS

|                                                                          |                                                      |
|--------------------------------------------------------------------------|------------------------------------------------------|
| Operator:<br>KAISER-FRANCIS OIL CO<br>PO Box 21468<br>Tulsa, OK 74121146 | OGRID:<br>12361                                      |
|                                                                          | Action Number:<br>146532                             |
|                                                                          | Action Type:<br>[C-103] NOI Change of Plans (C-103A) |

CONDITIONS

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