

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

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.) 1. Type of Well: Oil Well ☒ Gas Well ☐ Other ☐		WELL API NO. 30-025-48517
2. Name of Operator Kaiser-Francis Oil Company		5. Indicate Type of Lease STATE ☐ FEE ☐ FED ☐
3. Address of Operator P.O. Box 21468, Tulsa, OK 74121		6. State Oil & Gas Lease No.
4. Well Location Unit Letter <u>G</u> : <u>1,810</u> feet from the <u>North</u> line and <u>2,220</u> feet from the <u>East</u> line Section <u>1</u> Township <u>23S</u> Range <u>33E</u> NMPM County <u>Lea</u>		7. Lease Name or Unit Agreement Name Bell Lake Unit North
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,518.3' GR		8. Well Number 404H
9. OGRID Number 12361		10. Pool name or Wildcat Ojo Chiso; Wolfcamp; Southwest

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

NOTICE OF INTENTION TO: PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐ TEMPORARILY ABANDON ☐ CHANGE PLANS ☒ PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐ DOWNHOLE COMMINGLE ☐ CLOSED-LOOP SYSTEM ☐ OTHER: ☐		SUBSEQUENT REPORT OF: REMEDIAL WORK ☐ ALTERING CASING ☐ COMMENCE DRILLING OPNS. ☐ P AND A ☐ CASING/CEMENT JOB ☐ OTHER: ☐	
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13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 19.15.7.14 NMAC. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

Kaiser-Francis Oil Company requests the BHL for the Bell Lake Unit North 404H be recorded as Sec 12-T23S-R33E, 330FSL 2290 FEL. A federal sundry is not required. The planned survey and plat are attached.

Spud Date: 12/30/21 Rig Release Date: 1/16/22

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

SIGNATURE *Christina Opfer* TITLE Regulatory Manager DATE 10/26/2022
 Type or print name Christina Opfer E-mail address: ChristinaO@kfoc.net PHONE: 918-491-4468

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

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

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811 S. First St., Artesia, NM 88210
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District III
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Phone: (505) 334-6178 Fax: (505) 334-6170

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name	
⁴ Property Code	⁵ Property Name BELL LAKE UNIT NORTH			⁶ Well Number 404H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY			⁹ Elevation 3518.3

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	1	23 S	33 E		1810	NORTH	2220	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. O	Section 12	Township 23 S	Range 33 E	Lot Idn	Feet from the 330	North/South line SOUTH	Feet from the 2290	East/West line EAST	County LEA
¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code			¹⁵ Order No.				

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

NW CORNER SEC. 1
LAT. = 32.3408137°N
LONG. = 103.5341220°W

NMSP EAST (FT)
N = 488624.85
E = 746833.93

W/4 CORNER SEC. 1
LAT. = 32.3335567°N
LONG. = 103.5341539°W

NMSP EAST (FT)
N = 485984.76
E = 746843.78

SECTION CORNER
LAT. = 32.3263087°N
LONG. = 103.5341442°W

NMSP EAST (FT)
N = 483348.00
E = 746866.46

W/4 CORNER SEC. 12
SCALED

SW CORNER SEC. 12
LAT. = 32.3117931°N
LONG. = 103.5341388°W

NMSP EAST (FT)
N = 478067.40
E = 746907.50

NE CORNER SEC. 1
LAT. = 32.3407765°N
LONG. = 103.5170201°W

NMSP EAST (FT)
N = 488651.16
E = 752116.06

E/4 CORNER SEC. 1
LAT. = 32.3335215°N
LONG. = 103.5170235°W

NMSP EAST (FT)
N = 486011.84
E = 752135.11

SECTION CORNER
LAT. = 32.3262657°N
LONG. = 103.5170258°W

NMSP EAST (FT)
N = 483372.24
E = 752154.54

E/4 CORNER SEC. 12
SCALED

SE CORNER SEC. 12
LAT. = 32.3117557°N
LONG. = 103.5170324°W

NMSP EAST (FT)
N = 478093.62
E = 752192.69

17 OPERATOR CERTIFICATION

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

Signature _____ Date _____

Printed Name _____

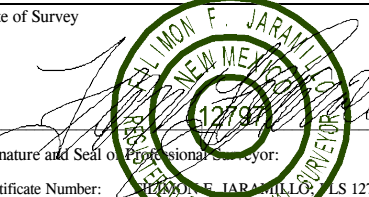
E-mail Address _____

18 SURVEYOR CERTIFICATION

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

OCTOBER 30, 2019

Date of Survey _____

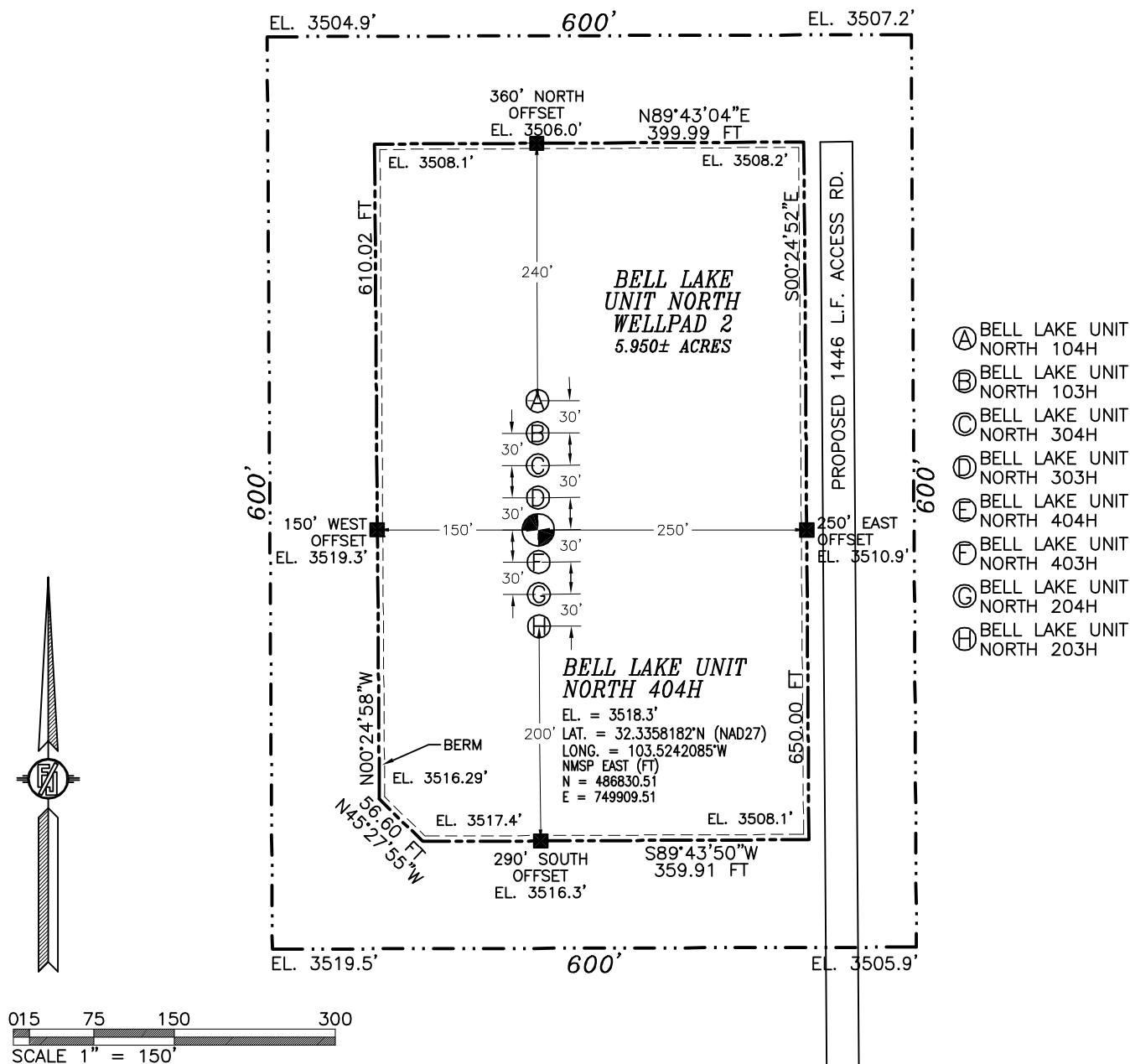


Signature and Seal of Professional Surveyor: _____

Certificate Number: **WILLIAM F. JARAMILLO, PLS 12797**

PROFESSIONAL SURVEYOR NO. 7625

**SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP**



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HWY. 128 & CR. 21 (DELAWARE BASIN ROAD) GO NORTH ON CR. 21 APPROX. 8.1 MILES WHERE ROAD TURNS RIGHT (EAST) CONTINUE TO THE SECOND LEASE ROAD (KAISER-FRANCIS SIGNS), TURN LEFT (NORTH) GO 0.4 MILES ROAD TURNS LEFT (WEST), GO WEST APPROX. 1.5 MILES TO A ROAD LATH ON RIGHT, TURN RIGHT (NORTH) AND FOLLOW ROAD LATHS APPROX. 797' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

I, FILMON 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 MEETS THE MINIMUM STANDARDS FOR SURVEYING IN NEW MEXICO.

FILMON F. JARAMILLO, S. 12794

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

**KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H**

**LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO**

OCTOBER 30, 2019

SURVEY NO. 7625

CARLSBAD, NEW MEXICO

Intent ☐ As Drilled ☐

API #		
Operator Name:	Property Name:	Well Number

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude			NAD	

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

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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

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Form C-102
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☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number		² Pool Code	³ Pool Name	
⁴ Property Code	⁵ Property Name BELL LAKE UNIT NORTH			⁶ Well Number 404H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY			⁹ Elevation 3518.3

¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
G	1	23S	33E		1900	NORTH	1810	EAST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	12	23S	33E		330	SOUTH	2290	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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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.

BELL LAKE UNIT NORTH 404H

NW CORNER SEC. 1
LAT. = 32.3409374°N
LONG. = 103.5346038°W
NMSP EAST (FT)
N = 488684.86
E = 788017.01

W/4 CORNER SEC. 1
LAT. = 32.3336804°N
LONG. = 103.5346354°W
NMSP EAST (FT)
N = 486044.69
E = 788026.92

SECTION CORNER
LAT. = 32.3264324°N
LONG. = 103.5346254°W
NMSP EAST (FT)
N = 483407.85
E = 788049.66

W/4 CORNER SEC. 12 SCALED

SW CORNER SEC. 12
LAT. = 32.3119169°N
LONG. = 103.5346197°W
NMSP EAST (FT)
N = 478127.09
E = 788090.81

SURFACE LOCATION 2220'

FIRST TAKE POINT
2600' FSL, 2260' FEL
LAT. = 32.3335534°N
LONG. = 103.5248200°W

BOTTOM OF HOLE & LTP
2290'
LAT. = 32.3128029°N
LONG. = 103.5249232°W
NMSP EAST (FT)
N = 478471.89
E = 791084.06

CERTIFICATION STATEMENTS:

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.

Signature _____ Date _____

Printed Name _____

E-mail Address _____

OPERATOR 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.

Date of Survey _____

Signature and Seal of Professional Surveyor: _____

Certificate Number _____

Intent ☐ As Drilled ☐

API #		
Operator Name: KAISER-FRANCIS OIL COMPANY	Property Name: BELL LAKE UNIT NORTH	Well Number 404H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
Latitude					Longitude				NAD

First Take Point (FTP)

UL J	Section 1	Township 23S	Range 33E	Lot	Feet 2600	From N/S SOUTH	Feet 2260	From E/W EAST	County LEA
Latitude 32.3335534					Longitude 103.5248200				NAD 83

Last Take Point (LTP)

UL O	Section 12	Township 23S	Range 33E	Lot	Feet 330	From N/S SOUTH	Feet 2290	From E/W EAST	County LEA
Latitude 32.3128029					Longitude 103.5249232				NAD 83

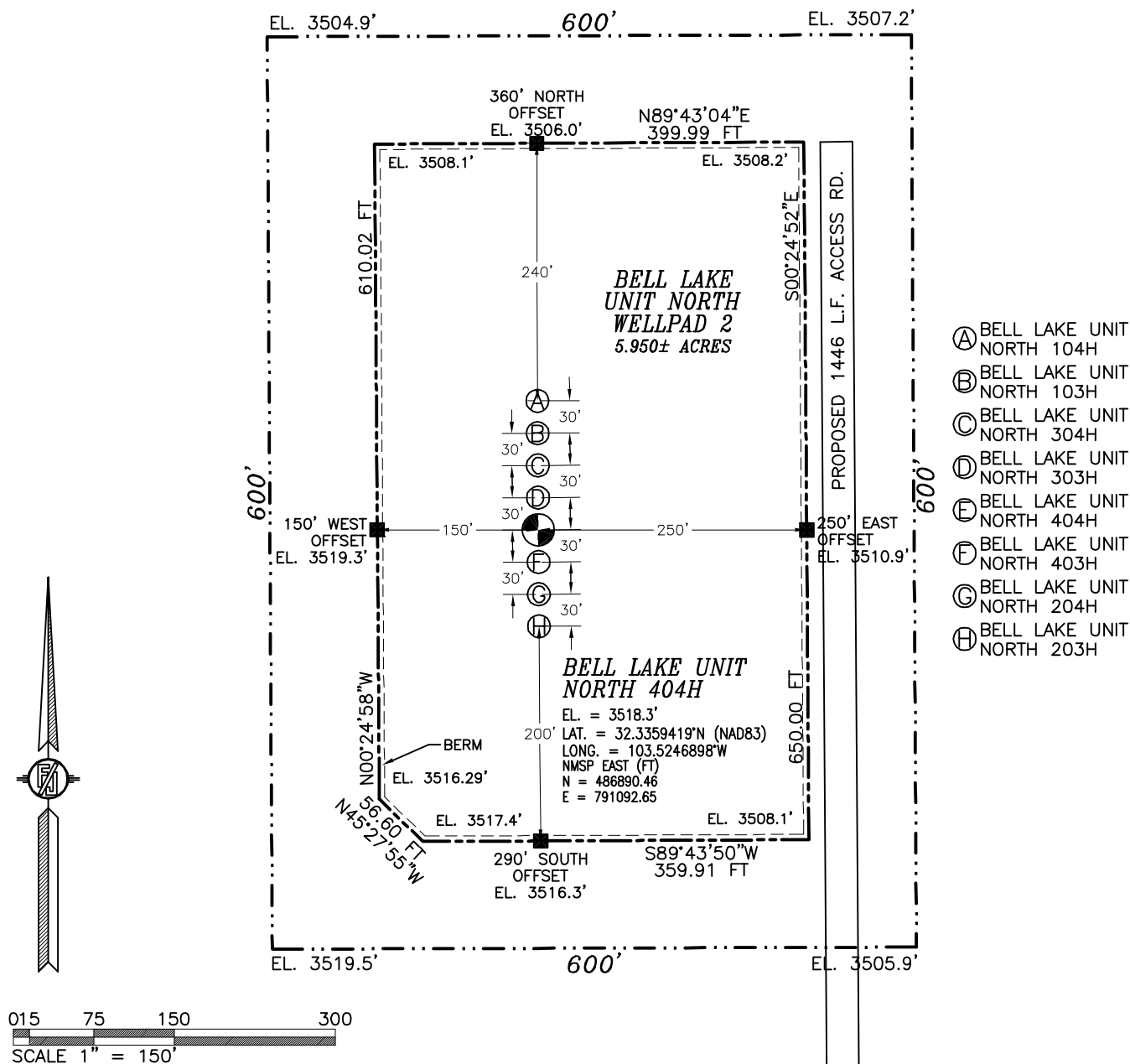
Is this well the defining well for the Horizontal Spacing Unit? ☐Is this well an infill well? ☐

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

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

**SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
SITE MAP**



DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HWY. 128 & CR. 21 (DELAWARE BASIN ROAD) GO NORTH ON CR. 21 APPROX. 8.1 MILES WHERE ROAD TURNS RIGHT (EAST) CONTINUE TO THE SECOND LEASE ROAD (KAISER-FRANCIS SIGNS), TURN LEFT (NORTH) GO 0.4 MILES ROAD TURNS LEFT (WEST), GO WEST APPROX. 1.5 MILES TO A ROAD LATH ON RIGHT, TURN RIGHT (NORTH) AND FOLLOW ROAD LATHS APPROX. 797' TO THE SOUTHEAST 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 THAT THIS SURVEY MEETS THE MINIMUM STANDARDS FOR SURVEYING IN THE STATE OF NEW MEXICO.

FILIMON F. JARAMILLO 0797

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

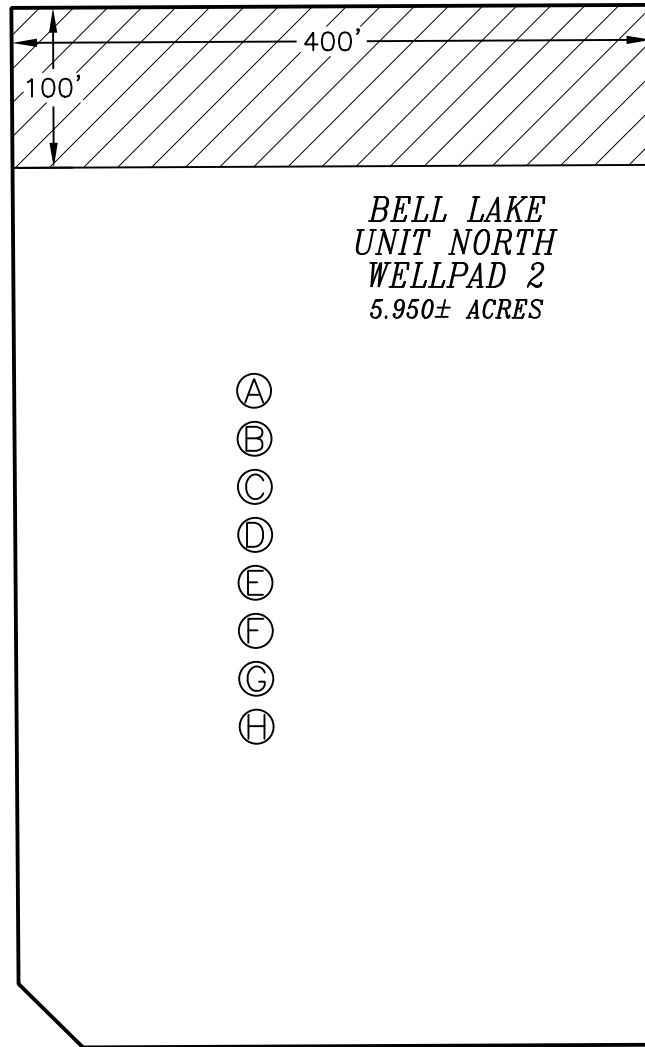
**KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H
LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO**

OCTOBER 30, 2019

SURVEY NO. 7625

CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
INTERIM SITE RECLAMATION



PROPOSED 1446 L.F. ACCESS RD.

- Ⓐ BELL LAKE UNIT NORTH 104H
- Ⓑ BELL LAKE UNIT NORTH 103H
- Ⓒ BELL LAKE UNIT NORTH 304H
- Ⓓ BELL LAKE UNIT NORTH 303H
- Ⓔ BELL LAKE UNIT NORTH 404H
- Ⓕ BELL LAKE UNIT NORTH 403H
- Ⓖ BELL LAKE UNIT NORTH 204H
- Ⓗ BELL LAKE UNIT NORTH 203H

 DENOTES RECLAMATION AREA
2.269± ACRES RECLAMATION AREA

0 12 60 120 240
SCALE 1" = 120'

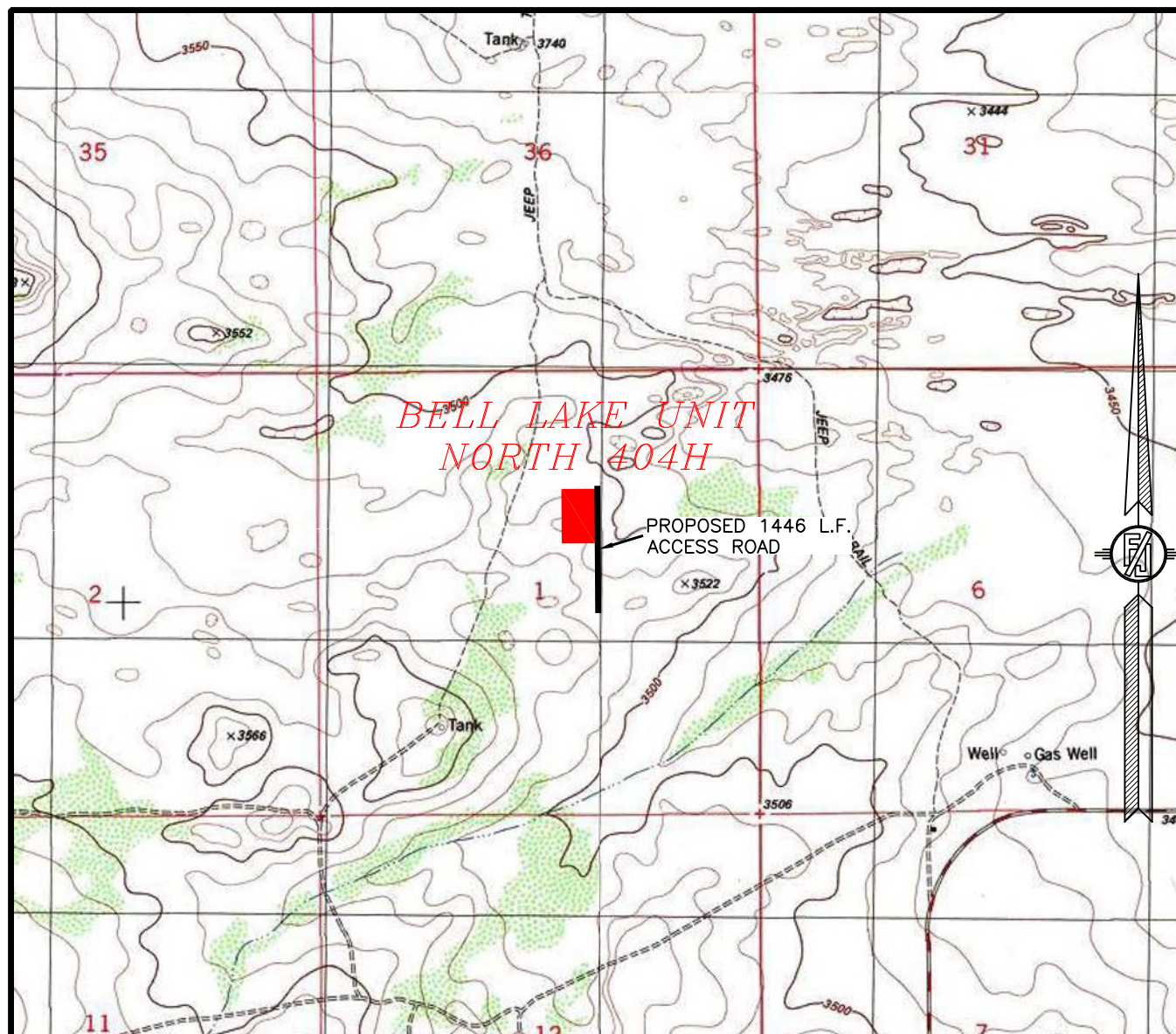
KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H
LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 30, 2019

SURVEY NO. 7625

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

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
LOCATION VERIFICATION MAP



USGS QUAD MAP:
TIP TOP WELLS

NOT TO SCALE

KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H
LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

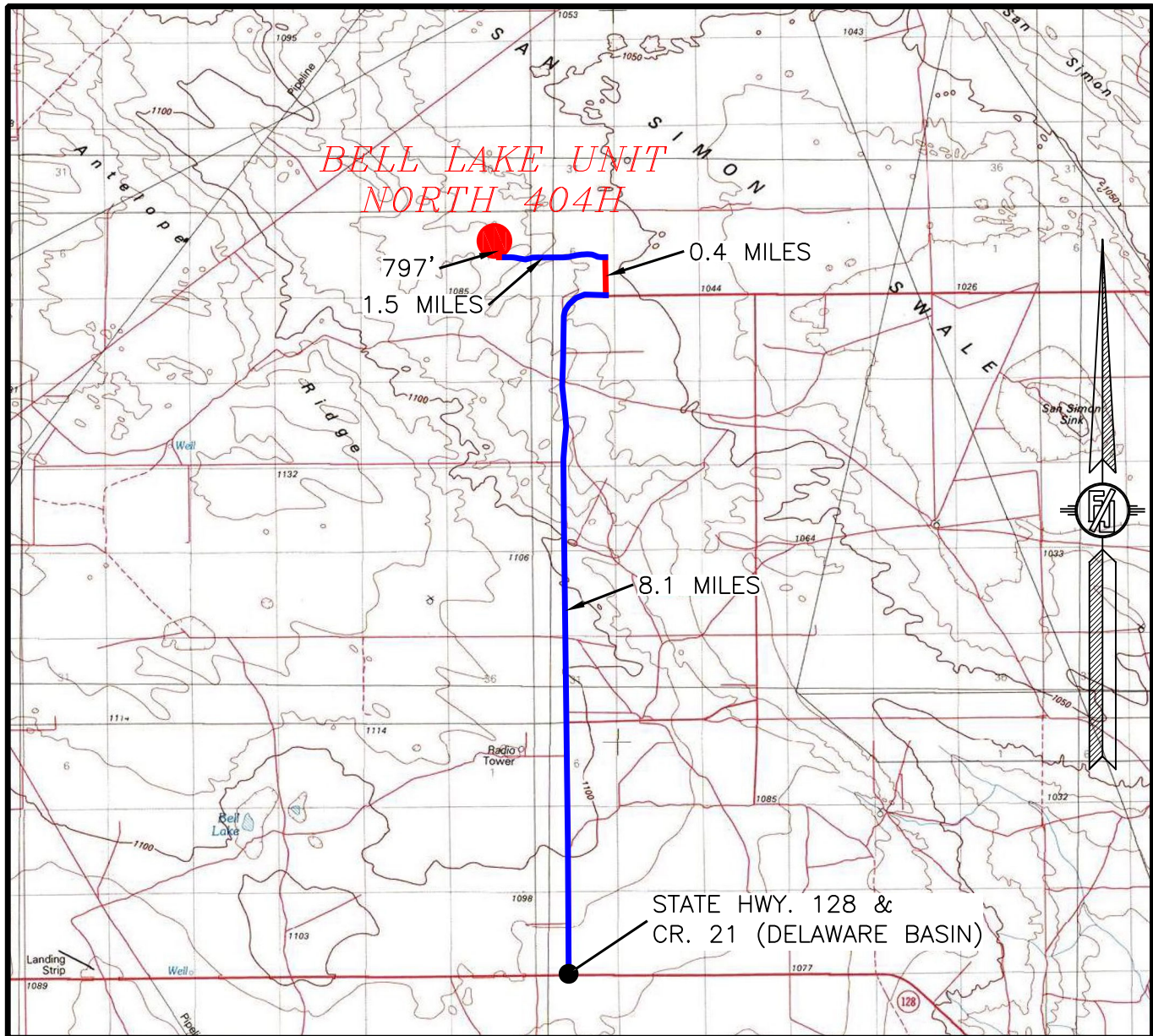
OCTOBER 30, 2019

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7625
CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
VICINITY MAP



DISTANCES IN MILES

NOT TO SCALE

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HWY. 128 & CR. 21 (DELAWARE BASIN ROAD) GO NORTH ON CR. 21 APPROX. 8.1 MILES WHERE ROAD TURNS RIGHT (EAST) CONTINUE TO THE SECOND LEASE ROAD (KAISER-FRANCIS SIGNS), TURN LEFT (NORTH) GO 0.4 MILES ROAD TURNS LEFT (WEST), GO WEST APPROX. 1.5 MILES TO A ROAD LATH ON RIGHT, TURN RIGHT (NORTH) AND FOLLOW ROAD LATHS APPROX. 797' TO THE SOUTHEAST PAD CORNER FOR THIS LOCATION.

KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H
LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

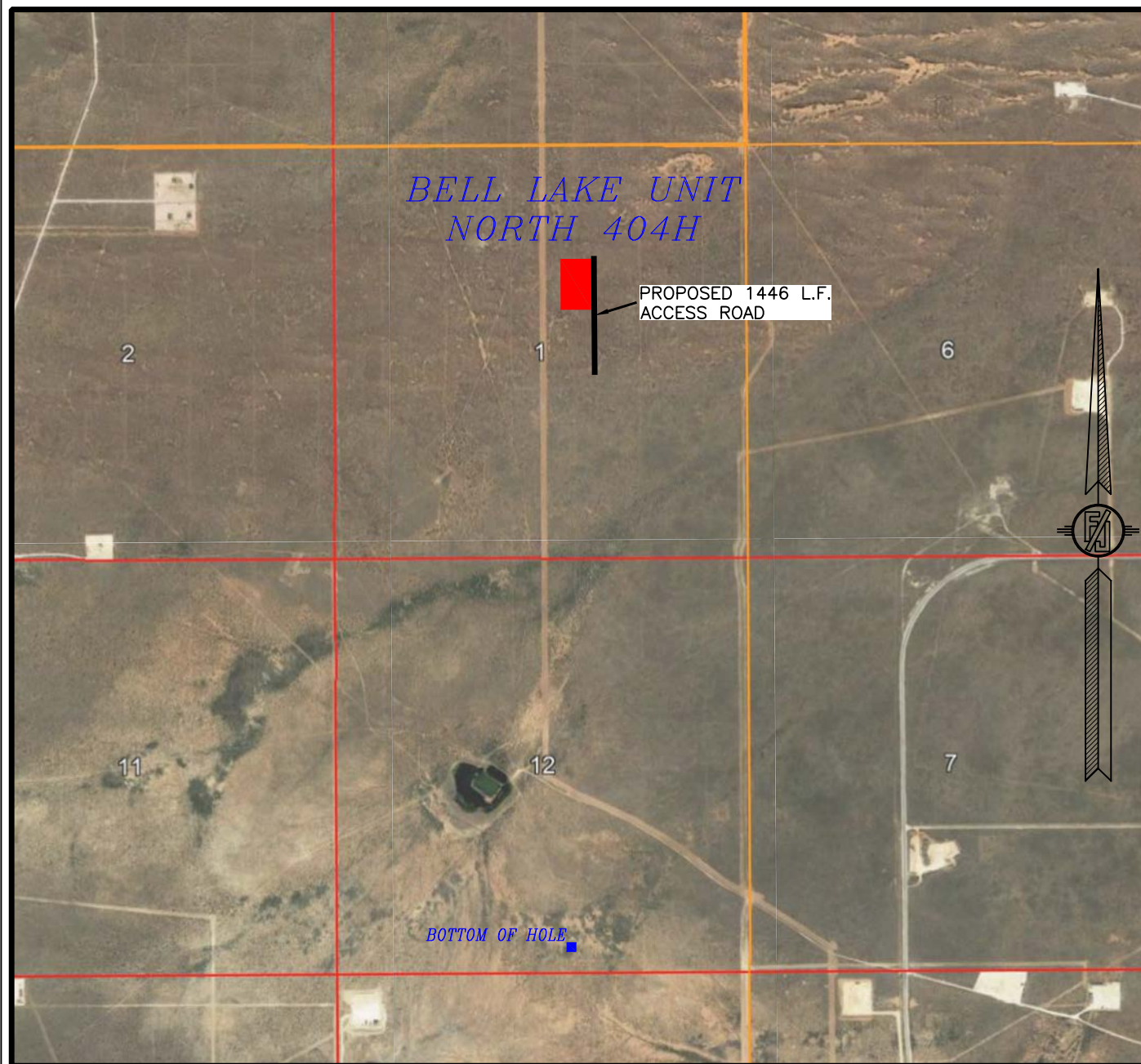
OCTOBER 30, 2019

SURVEY NO. 7625

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

CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL PHOTO



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOV. 2017

KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H
LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

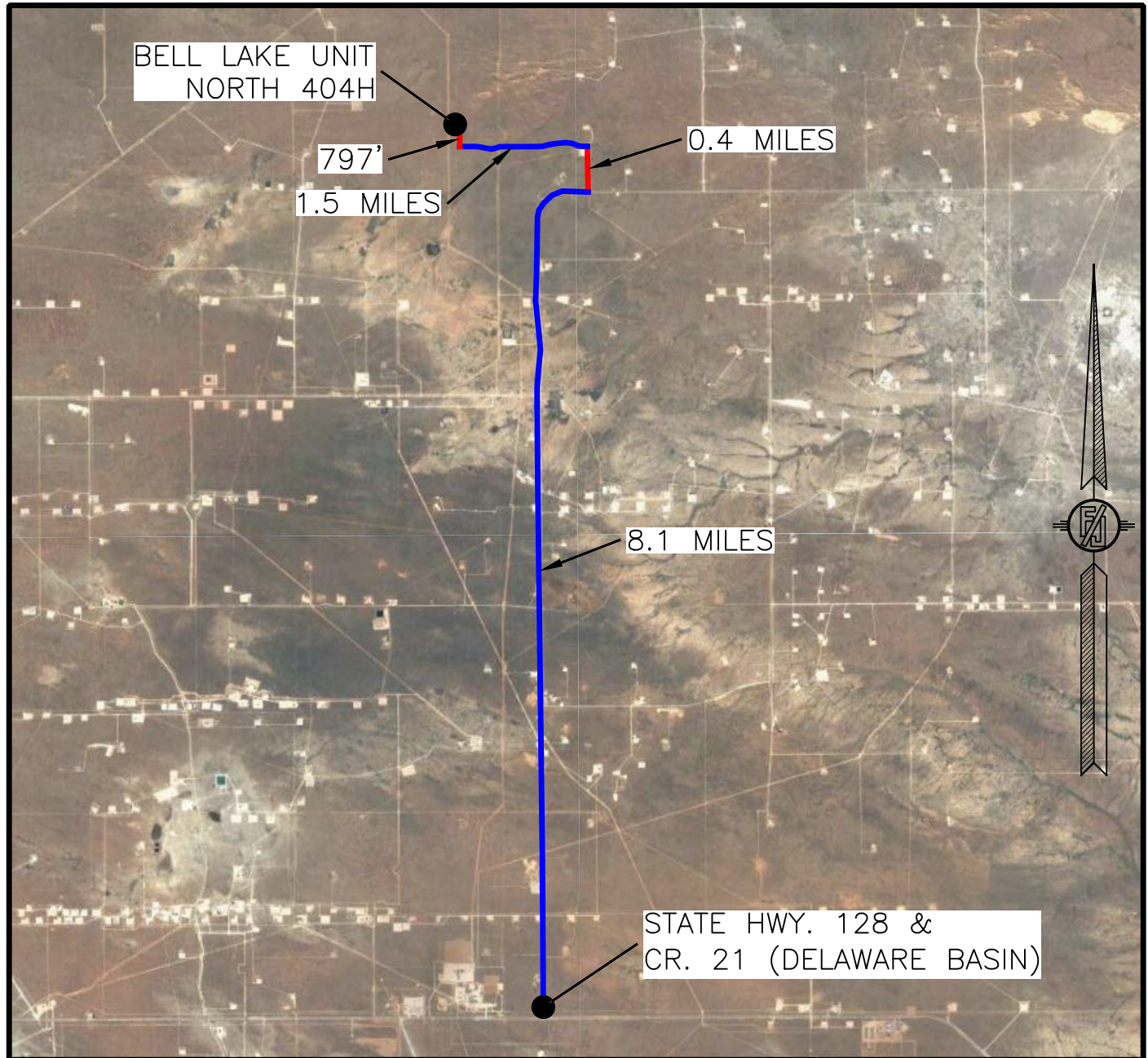
OCTOBER 30, 2019

SURVEY NO. 7625

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

CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
AERIAL ACCESS ROUTE MAP



NOT TO SCALE
AERIAL PHOTO:
GOOGLE EARTH
NOV. 2017

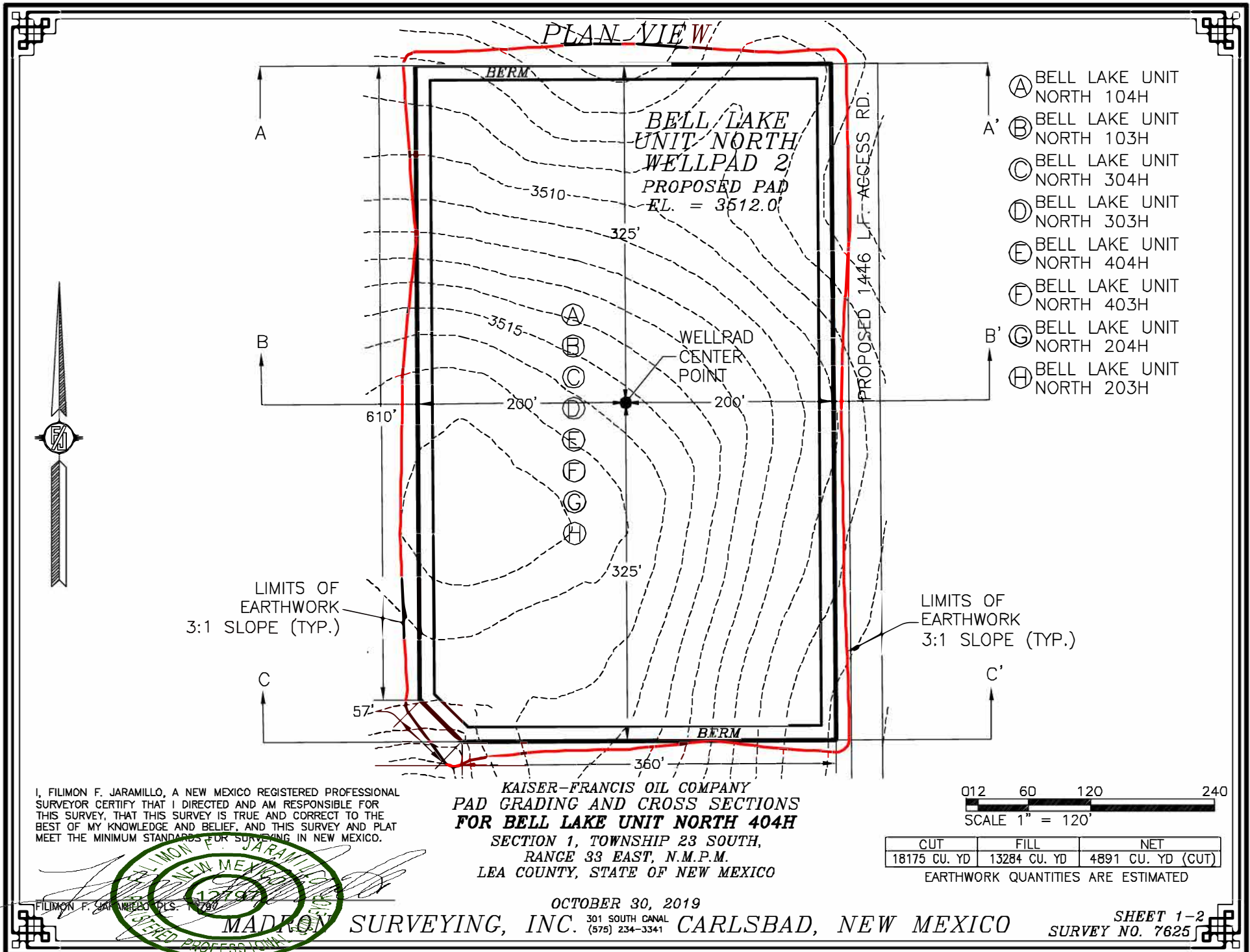
KAISER-FRANCIS OIL COMPANY
BELL LAKE UNIT NORTH 404H
LOCATED 1810 FT. FROM THE NORTH LINE
AND 2220 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 30, 2019

SURVEY NO. 7625

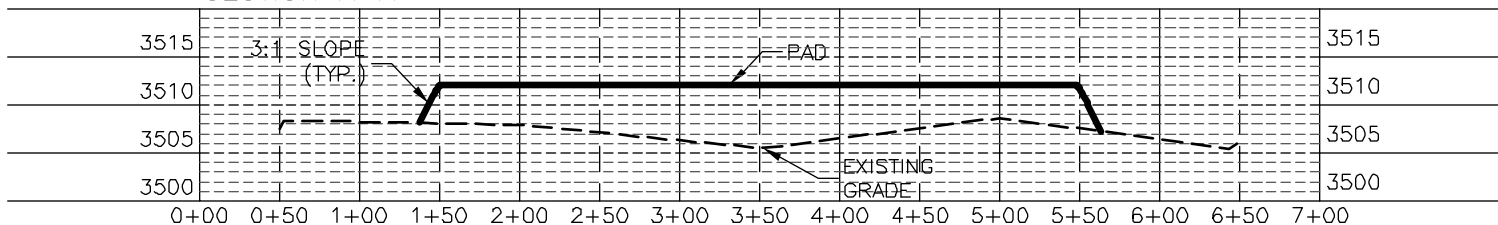
MADRON SURVEYING, INC. 301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

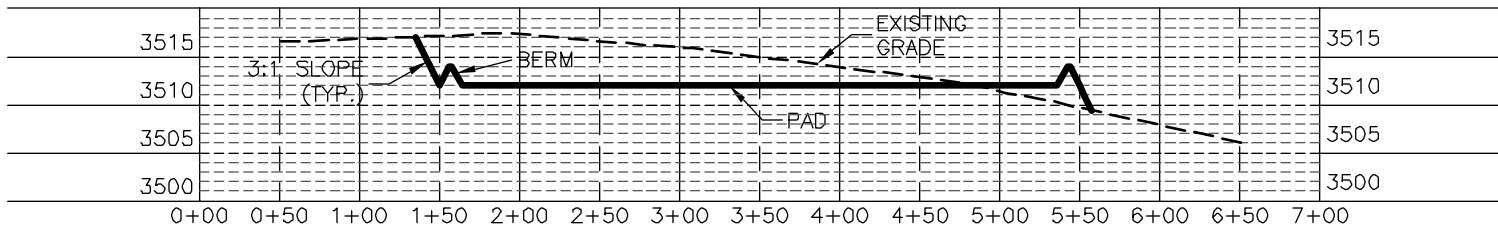


CROSS-SECTIONS

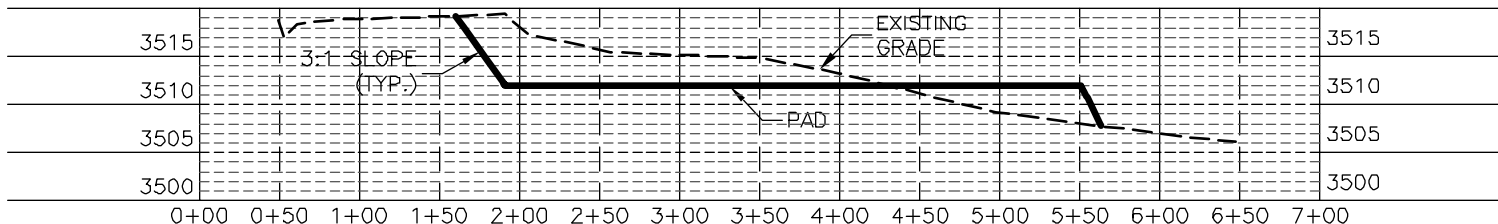
SECTION A-A'



SECTION B-B'



SECTION C-C'



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 COMPANY
**PAD GRADING AND CROSS SECTIONS
 FOR BELL LAKE UNIT NORTH 404H**
 SECTION 1, TOWNSHIP 23 SOUTH,
 RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

0 12 60 120 240
 SCALE 1" = 120' - 1" = 20' VER

CUT	FILL	NET
18175 CU. YD	13284 CU. YD	4891 CU. YD (CUT)

EARTHWORK QUANTITIES ARE ESTIMATED

OCTOBER 30, 2019

301 SOUTH CANAL
 (575) 234-3341

MADRON SURVEYING, INC. CARLSBAD, NEW MEXICO

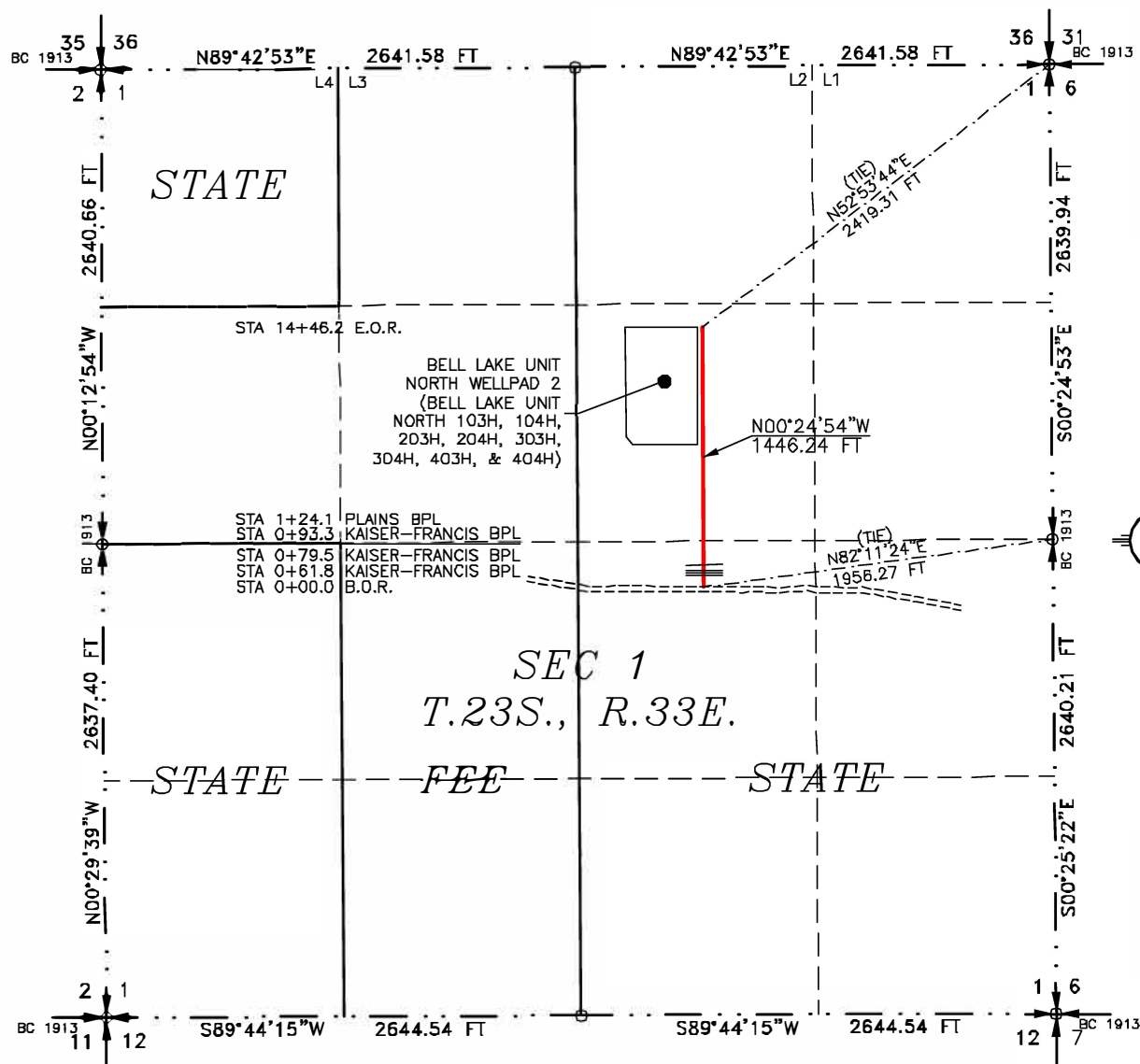
SHEET 2-2
 SURVEY NO. 7625



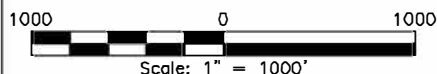
ACCESS ROAD PLAT

ACCESS ROAD FOR BELL LAKE UNIT NORTH WELLPAD 2
(BELL LAKE UNIT NORTH 103H, 104H, 203H, 204H, 303H, 304H, 403H, & 404H)

KAISER-FRANCIS OIL COMPANY
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
OCTOBER 30, 2019



SEE NEXT SHEET (2-2) FOR DESCRIPTION

**GENERAL NOTES**

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

SHEET: 1-2

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

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 OCTOBER 2019



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

SURVEY NO. 7625

ACCESS ROAD PLAT

ACCESS ROAD FOR BELL LAKE UNIT NORTH WELLPAD 2
(BELL LAKE UNIT NORTH 103H, 104H, 203H, 204H, 303H, 304H, 403H, & 404H)

KAISER-FRANCIS OIL COMPANY
CENTERLINE SURVEY OF AN ACCESS ROAD CROSSING
SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO
OCTOBER 30, 2019

DESCRIPTION

A STRIP OF LAND 30 FEET WIDE CROSSING STATE OF NEW MEXICO LAND IN SECTION 1, TOWNSHIP 23 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 NW/4 SE/4 OF SAID SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M., WHENCE THE EAST QUARTER CORNER OF SAID SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N82°11'24"E, A DISTANCE OF 1956.27 FEET;
THENCE N00°24'54"W A DISTANCE OF 1446.24 FEET THE TERMINUS OF THIS CENTERLINE SURVEY, WHENCE THE NORTHEAST CORNER OF SAID SECTION 1, TOWNSHIP 23 SOUTH, RANGE 33 EAST, N.M.P.M. BEARS N52°53'44"E, A DISTANCE OF 2419.31 FEET;

SAID STRIP OF LAND BEING 1446.24 FEET OR 87.65 RODS IN LENGTH, CONTAINING 0.996 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NW/4 SE/4	255.92 L.F.	15.51 RODS	0.176 ACRES
SW/4 NE/4	1190.32 L.F.	72.14 RODS	0.820 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.

SHEET: 2-2

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

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 OCTOBER 2019

FILIMON F. JARAMILLO, SLS 12797
NEW MEXICO
12797
301 SOUTH CANAL
(575) 234-3341

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

SURVEY NO. 7625

REPORT METADATA:

Presented by SB Directional Services

System: COMPASS 5000.16

Created: 2022-01-05 @ 10:44:18 AM

WELL REFERENCE INFORMATION:

Customer: KAISER FRANCIS OIL CO.

Project: LEA COUNTY, N.M. 27

Site: SEC 1-T23S-R33E

Well: BELL LAKE UNIT N. 404H

Wellbore: HORIZONTAL

Plan: PLAN 4

ELEVATIONS:

System: Mean Sea Level

Ground: 3518.3 (ft)

Rig: 3541.8 (ft)

GEODETICS:

System: US State Plane 1927 (Exact solution)

Datum: NAD 1927 (NADCON CONUS) (Clarke 1866)

Map Zone: New Mexico East 3001

SURFACE LOCATION:

Northing: 486830.5 (ft)

Easting: 749909.5 (ft)

Latitude: 32.33582 (°)

Longitude: -103.524 (°)

MAGNETICS:

North Ref: Grid

Model: IGRF2020 (12/13/2021)

Declination: 6.47 (°)

Dip Angle: 59.99 (°)

Field Strength: 47512.25 (nT)

SURVEY PROGRAM:

H 0 - 19641 PLAN 4 : MWD+IGRF

WELLPATH:

MD (ft)	Incl. (°)	Azim. (°)	Sub-Sea (ft)	TVD (ft)	Local N (ft)	Local E (ft)	Global N (ft)	Global E (ft)
0	0	0	-3541.8	0	0	0	486830.5	749909.5

100	0	0	-3441.8	100	0	0	486830.5	749909.5
200	0	0	-3341.8	200	0	0	486830.5	749909.5
300	0	0	-3241.8	300	0	0	486830.5	749909.5
400	0	0	-3141.8	400	0	0	486830.5	749909.5
500	0	0	-3041.8	500	0	0	486830.5	749909.5
600	0	0	-2941.8	600	0	0	486830.5	749909.5
700	0	0	-2841.8	700	0	0	486830.5	749909.5
800	0	0	-2741.8	800	0	0	486830.5	749909.5
900	0	0	-2641.8	900	0	0	486830.5	749909.5
1000	0	0	-2541.8	1000	0	0	486830.5	749909.5
1100	0	0	-2441.8	1100	0	0	486830.5	749909.5
1200	0	0	-2341.8	1200	0	0	486830.5	749909.5
1300	0	0	-2241.8	1300	0	0	486830.5	749909.5
1400	0	0	-2141.8	1400	0	0	486830.5	749909.5
1500	0	0	-2041.8	1500	0	0	486830.5	749909.5
1600	0	0	-1941.8	1600	0	0	486830.5	749909.5
1700	2	163.38	-1841.82	1699.98	-1.67	0.5	486828.8	749910
1800	4	163.38	-1741.96	1799.84	-6.69	2	486823.8	749911.5
1900	6	163.38	-1642.35	1899.45	-15.04	4.49	486815.5	749914
1985.24	7.7	163.38	-1557.72	1984.08	-24.78	7.4	486805.7	749916.9
2000	7.7	163.38	-1543.09	1998.71	-26.68	7.97	486803.8	749917.5
2100	7.7	163.38	-1444	2097.8	-39.52	11.8	486791	749921.3
2200	7.7	163.38	-1344.9	2196.9	-52.37	15.64	486778.1	749925.2
2300	7.7	163.38	-1245.8	2296	-65.22	19.47	486765.3	749929
2400	7.7	163.38	-1146.7	2395.1	-78.06	23.31	486752.5	749932.8
2500	7.7	163.38	-1047.61	2494.19	-90.91	27.14	486739.6	749936.7
2600	7.7	163.38	-948.51	2593.29	-103.76	30.98	486726.8	749940.5
2700	7.7	163.38	-849.41	2692.39	-116.6	34.81	486713.9	749944.3
2800	7.7	163.38	-750.32	2791.48	-129.45	38.65	486701.1	749948.2
2900	7.7	163.38	-651.22	2890.58	-142.3	42.49	486688.2	749952
3000	7.7	163.38	-552.12	2989.68	-155.14	46.32	486675.4	749955.8
3100	7.7	163.38	-453.02	3088.78	-167.99	50.16	486662.5	749959.7
3200	7.7	163.38	-353.93	3187.87	-180.84	53.99	486649.7	749963.5
3300	7.7	163.38	-254.83	3286.97	-193.68	57.83	486636.8	749967.3
3400	7.7	163.38	-155.73	3386.07	-206.53	61.66	486624	749971.2
3500	7.7	163.38	-56.64	3485.16	-219.37	65.5	486611.1	749975
3600	7.7	163.38	42.46	3584.26	-232.22	69.33	486598.3	749978.8
3700	7.7	163.38	141.56	3683.36	-245.07	73.17	486585.4	749982.7
3800	7.7	163.38	240.66	3782.46	-257.91	77.01	486572.6	749986.5
3900	7.7	163.38	339.75	3881.55	-270.76	80.84	486559.8	749990.4
4000	7.7	163.38	438.85	3980.65	-283.61	84.68	486546.9	749994.2
4100	7.7	163.38	537.95	4079.75	-296.45	88.51	486534.1	749998
4200	7.7	163.38	637.05	4178.85	-309.3	92.35	486521.2	750001.9
4300	7.7	163.38	736.14	4277.94	-322.15	96.18	486508.4	750005.7

4400	7.7	163.38	835.24	4377.04	-334.99	100.02	486495.5	750009.5
4500	7.7	163.38	934.34	4476.14	-347.84	103.85	486482.7	750013.4
4600	7.7	163.38	1033.43	4575.23	-360.68	107.69	486469.8	750017.2
4700	7.7	163.38	1132.53	4674.33	-373.53	111.53	486457	750021
4800	7.7	163.38	1231.63	4773.43	-386.38	115.36	486444.1	750024.9
4900	7.7	163.38	1330.73	4872.53	-399.22	119.2	486431.3	750028.7
5000	7.7	163.38	1429.82	4971.62	-412.07	123.03	486418.4	750032.5
5100	7.7	163.38	1528.92	5070.72	-424.92	126.87	486405.6	750036.4
5200	7.7	163.38	1628.02	5169.82	-437.76	130.7	486392.8	750040.2
5300	7.7	163.38	1727.11	5268.91	-450.61	134.54	486379.9	750044.1
5400	7.7	163.38	1826.21	5368.01	-463.46	138.37	486367.1	750047.9
5500	7.7	163.38	1925.31	5467.11	-476.3	142.21	486354.2	750051.7
5520.98	7.7	163.38	1946.1	5487.9	-479	143.01	486351.5	750052.5
5600	6.52	163.38	2024.51	5566.31	-488.37	145.81	486342.1	750055.3
5700	5.02	163.38	2124	5665.8	-498	148.69	486332.5	750058.2
5800	3.52	163.38	2223.72	5765.52	-505.14	150.82	486325.4	750060.3
5900	2.02	163.38	2323.6	5865.4	-509.77	152.2	486320.7	750061.7
6000	0.52	163.38	2423.57	5965.37	-511.89	152.84	486318.6	750062.4
6034.63	0	0	2458.2	6000	-512.04	152.88	486318.5	750062.4
6100	0	0	2523.57	6065.37	-512.04	152.88	486318.5	750062.4
6200	0	0	2623.57	6165.37	-512.04	152.88	486318.5	750062.4
6300	0	0	2723.57	6265.37	-512.04	152.88	486318.5	750062.4
6400	0	0	2823.57	6365.37	-512.04	152.88	486318.5	750062.4
6500	0	0	2923.57	6465.37	-512.04	152.88	486318.5	750062.4
6600	0	0	3023.57	6565.37	-512.04	152.88	486318.5	750062.4
6700	0	0	3123.57	6665.37	-512.04	152.88	486318.5	750062.4
6800	0	0	3223.57	6765.37	-512.04	152.88	486318.5	750062.4
6900	0	0	3323.57	6865.37	-512.04	152.88	486318.5	750062.4
7000	0	0	3423.57	6965.37	-512.04	152.88	486318.5	750062.4
7100	0	0	3523.57	7065.37	-512.04	152.88	486318.5	750062.4
7200	0	0	3623.57	7165.37	-512.04	152.88	486318.5	750062.4
7300	0	0	3723.57	7265.37	-512.04	152.88	486318.5	750062.4
7400	0	0	3823.57	7365.37	-512.04	152.88	486318.5	750062.4
7500	0	0	3923.57	7465.37	-512.04	152.88	486318.5	750062.4
7600	0	0	4023.57	7565.37	-512.04	152.88	486318.5	750062.4
7700	0	0	4123.57	7665.37	-512.04	152.88	486318.5	750062.4
7800	0	0	4223.57	7765.37	-512.04	152.88	486318.5	750062.4
7900	0	0	4323.57	7865.37	-512.04	152.88	486318.5	750062.4
8000	0	0	4423.57	7965.37	-512.04	152.88	486318.5	750062.4
8100	0	0	4523.57	8065.37	-512.04	152.88	486318.5	750062.4
8200	0	0	4623.57	8165.37	-512.04	152.88	486318.5	750062.4
8300	0	0	4723.57	8265.37	-512.04	152.88	486318.5	750062.4
8400	0	0	4823.57	8365.37	-512.04	152.88	486318.5	750062.4
8500	0	0	4923.57	8465.37	-512.04	152.88	486318.5	750062.4

8600	0	0	5023.57	8565.37	-512.04	152.88	486318.5	750062.4
8700	0	0	5123.57	8665.37	-512.04	152.88	486318.5	750062.4
8800	0	0	5223.57	8765.37	-512.04	152.88	486318.5	750062.4
8900	0	0	5323.57	8865.37	-512.04	152.88	486318.5	750062.4
9000	0	0	5423.57	8965.37	-512.04	152.88	486318.5	750062.4
9100	0	0	5523.57	9065.37	-512.04	152.88	486318.5	750062.4
9200	0	0	5623.57	9165.37	-512.04	152.88	486318.5	750062.4
9300	0	0	5723.57	9265.37	-512.04	152.88	486318.5	750062.4
9400	0	0	5823.57	9365.37	-512.04	152.88	486318.5	750062.4
9500	0	0	5923.57	9465.37	-512.04	152.88	486318.5	750062.4
9600	0	0	6023.57	9565.37	-512.04	152.88	486318.5	750062.4
9700	0	0	6123.57	9665.37	-512.04	152.88	486318.5	750062.4
9800	0	0	6223.57	9765.37	-512.04	152.88	486318.5	750062.4
9900	0	0	6323.57	9865.37	-512.04	152.88	486318.5	750062.4
10000	0	0	6423.57	9965.37	-512.04	152.88	486318.5	750062.4
10100	0	0	6523.57	10065.37	-512.04	152.88	486318.5	750062.4
10200	0	0	6623.57	10165.37	-512.04	152.88	486318.5	750062.4
10300	0	0	6723.57	10265.37	-512.04	152.88	486318.5	750062.4
10400	0	0	6823.57	10365.37	-512.04	152.88	486318.5	750062.4
10500	0	0	6923.57	10465.37	-512.04	152.88	486318.5	750062.4
10600	0	0	7023.57	10565.37	-512.04	152.88	486318.5	750062.4
10700	0	0	7123.57	10665.37	-512.04	152.88	486318.5	750062.4
10800	0	0	7223.57	10765.37	-512.04	152.88	486318.5	750062.4
10900	0	0	7323.57	10865.37	-512.04	152.88	486318.5	750062.4
11000	0	0	7423.57	10965.37	-512.04	152.88	486318.5	750062.4
11100	0	0	7523.57	11065.37	-512.04	152.88	486318.5	750062.4
11161.54	0	0	7585.11	11126.91	-512.04	152.88	486318.5	750062.4
11175	1.62	179.58	7598.57	11140.37	-512.23	152.88	486318.3	750062.4
11200	4.62	179.58	7623.53	11165.33	-513.59	152.89	486316.9	750062.4
11225	7.62	179.58	7648.39	11190.19	-516.25	152.91	486314.3	750062.4
11250	10.62	179.58	7673.07	11214.87	-520.21	152.94	486310.3	750062.5
11275	13.62	179.58	7697.51	11239.31	-525.46	152.98	486305.1	750062.5
11300	16.62	179.58	7721.64	11263.44	-531.98	153.03	486298.5	750062.5
11325	19.62	179.58	7745.4	11287.2	-539.75	153.08	486290.8	750062.6
11350	22.62	179.58	7768.72	11310.52	-548.75	153.15	486281.8	750062.7
11375	25.62	179.58	7791.53	11333.33	-558.97	153.22	486271.5	750062.7
11400	28.62	179.58	7813.78	11355.58	-570.36	153.31	486260.2	750062.8
11425	31.62	179.58	7835.41	11377.21	-582.9	153.4	486247.6	750062.9
11450	34.62	179.58	7856.34	11398.14	-596.56	153.5	486234	750063
11475	37.62	179.58	7876.54	11418.34	-611.29	153.61	486219.2	750063.1
11500	40.62	179.58	7895.93	11437.73	-627.06	153.72	486203.5	750063.2
11525	43.62	179.58	7914.47	11456.27	-643.82	153.85	486186.7	750063.4
11550	46.62	179.58	7932.11	11473.91	-661.54	153.98	486169	750063.5
11575	49.62	179.58	7948.8	11490.6	-680.14	154.11	486150.4	750063.6

11600	52.62	179.58	7964.49	11506.29	-699.6	154.25	486130.9	750063.8
11625	55.62	179.58	7979.15	11520.95	-719.85	154.4	486110.7	750063.9
11650	58.62	179.58	7992.72	11534.52	-740.85	154.56	486089.7	750064.1
11675	61.62	179.58	8005.17	11546.97	-762.52	154.72	486068	750064.2
11700	64.62	179.58	8016.48	11558.28	-784.81	154.88	486045.7	750064.4
11725	67.62	179.58	8026.6	11568.4	-807.67	155.05	486022.8	750064.6
11750	70.62	179.58	8035.51	11577.31	-831.02	155.22	485999.5	750064.7
11775	73.62	179.58	8043.19	11584.99	-854.81	155.39	485975.7	750064.9
11800	76.62	179.58	8049.61	11591.41	-878.97	155.57	485951.5	750065.1
11825	79.62	179.58	8054.75	11596.55	-903.43	155.75	485927.1	750065.3
11849.87	82.6	179.58	8058.6	11600.4	-928	155.93	485902.5	750065.4
11900	82.6	179.58	8065.05	11606.85	-977.71	156.29	485852.8	750065.8
12000	82.6	179.58	8077.93	11619.73	-1076.87	157.02	485753.6	750066.5
12100	82.6	179.58	8090.81	11632.61	-1176.04	157.74	485654.5	750067.3
12200	82.6	179.58	8103.69	11645.49	-1275.2	158.47	485555.3	750068
12300	82.6	179.58	8116.57	11658.37	-1374.37	159.2	485456.1	750068.7
12400	82.6	179.58	8129.45	11671.25	-1473.53	159.92	485357	750069.4
12500	82.6	179.58	8142.33	11684.13	-1572.7	160.65	485257.8	750070.2
12600	82.6	179.58	8155.21	11697.01	-1671.86	161.38	485158.7	750070.9
12700	82.6	179.58	8168.09	11709.89	-1771.02	162.1	485059.5	750071.6
12800	82.6	179.58	8180.97	11722.77	-1870.19	162.83	484960.3	750072.3
12900	82.6	179.58	8193.85	11735.65	-1969.35	163.56	484861.2	750073.1
13000	82.6	179.58	8206.73	11748.53	-2068.52	164.28	484762	750073.8
13100	82.6	179.58	8219.61	11761.41	-2167.68	165.01	484662.8	750074.5
13200	82.6	179.58	8232.49	11774.29	-2266.85	165.74	484563.7	750075.3
13300	82.6	179.58	8245.37	11787.17	-2366.01	166.46	484464.5	750076
13400	82.6	179.58	8258.25	11800.05	-2465.18	167.19	484365.3	750076.7
13500	82.6	179.58	8271.13	11812.93	-2564.34	167.92	484266.2	750077.4
13600	82.6	179.58	8284.01	11825.81	-2663.51	168.64	484167	750078.2
13700	82.6	179.58	8296.89	11838.69	-2762.67	169.37	484067.8	750078.9
13800	82.6	179.58	8309.77	11851.57	-2861.83	170.1	483968.7	750079.6
13900	82.6	179.58	8322.65	11864.45	-2961	170.82	483869.5	750080.3
14000	82.6	179.58	8335.53	11877.33	-3060.16	171.55	483770.4	750081.1
14100	82.6	179.58	8348.4	11890.2	-3159.33	172.27	483671.2	750081.8
14200	82.6	179.58	8361.28	11903.08	-3258.49	173	483572	750082.5
14300	82.6	179.58	8374.16	11915.96	-3357.66	173.73	483472.9	750083.2
14400	82.6	179.58	8387.04	11928.84	-3456.82	174.45	483373.7	750084
14500	82.6	179.58	8399.92	11941.72	-3555.99	175.18	483274.5	750084.7
14600	82.6	179.58	8412.8	11954.6	-3655.15	175.91	483175.4	750085.4
14700	82.6	179.58	8425.68	11967.48	-3754.31	176.63	483076.2	750086.1
14800	82.6	179.58	8438.56	11980.36	-3853.48	177.36	482977	750086.9
14875.15	82.6	179.58	8448.24	11990.04	-3928	177.91	482902.5	750087.4
14900	82.1	179.58	8451.55	11993.35	-3952.63	178.09	482877.9	750087.6
15000	80.1	179.58	8467.01	12008.81	-4051.42	178.81	482779.1	750088.3

15096.65	78.17	179.58	8485.23	12027.03	-4146.33	179.51	482684.2	750089
15100	78.17	179.58	8485.91	12027.71	-4149.61	179.53	482680.9	750089
15200	78.17	179.58	8506.42	12048.22	-4247.48	180.25	482583	750089.8
15300	78.17	179.58	8526.92	12068.72	-4345.35	180.97	482485.2	750090.5
15400	78.17	179.58	8547.42	12089.22	-4443.23	181.68	482387.3	750091.2
15500	78.17	179.58	8567.92	12109.72	-4541.1	182.4	482289.4	750091.9
15600	78.17	179.58	8588.42	12130.22	-4638.97	183.12	482191.5	750092.6
15700	78.17	179.58	8608.92	12150.72	-4736.85	183.84	482093.7	750093.4
15800	78.17	179.58	8629.42	12171.22	-4834.72	184.55	481995.8	750094.1
15900	78.17	179.58	8649.92	12191.72	-4932.59	185.27	481897.9	750094.8
16000	78.17	179.58	8670.42	12212.22	-5030.47	185.99	481800	750095.5
16100	78.17	179.58	8690.92	12232.72	-5128.34	186.7	481702.2	750096.2
16200	78.17	179.58	8711.42	12253.22	-5226.21	187.42	481604.3	750096.9
16300	78.17	179.58	8731.93	12273.73	-5324.09	188.14	481506.4	750097.7
16400	78.17	179.58	8752.43	12294.23	-5421.96	188.86	481408.6	750098.4
16500	78.17	179.58	8772.93	12314.73	-5519.83	189.57	481310.7	750099.1
16600	78.17	179.58	8793.43	12335.23	-5617.71	190.29	481212.8	750099.8
16700	78.17	179.58	8813.93	12355.73	-5715.58	191.01	481114.9	750100.5
16800	78.17	179.58	8834.43	12376.23	-5813.46	191.73	481017.1	750101.2
16900	78.17	179.58	8854.93	12396.73	-5911.33	192.44	480919.2	750102
16917.03	78.17	179.58	8858.42	12400.22	-5928	192.57	480902.5	750102.1
17000	79.83	179.58	8874.25	12416.05	-6009.44	193.16	480821.1	750102.7
17100	81.83	179.58	8890.19	12431.99	-6108.15	193.89	480722.4	750103.4
17200	83.83	179.58	8902.67	12444.47	-6207.36	194.61	480623.2	750104.1
17300	85.83	179.58	8911.68	12453.48	-6306.95	195.34	480523.6	750104.9
17400	87.83	179.58	8917.21	12459.01	-6406.79	196.08	480423.7	750105.6
17500	89.83	179.58	8919.26	12461.06	-6506.76	196.81	480323.8	750106.3
17592.22	91.67	179.58	8918.05	12459.85	-6598.96	197.48	480231.6	750107
17600	91.67	179.58	8917.82	12459.62	-6606.74	197.54	480223.8	750107.1
17700	91.67	179.58	8914.9	12456.7	-6706.69	198.27	480123.8	750107.8
17800	91.67	179.58	8911.98	12453.78	-6806.65	199	480023.9	750108.5
17900	91.67	179.58	8909.06	12450.86	-6906.6	199.74	479923.9	750109.3
18000	91.67	179.58	8906.14	12447.94	-7006.56	200.47	479824	750110
18100	91.67	179.58	8903.22	12445.02	-7106.51	201.2	479724	750110.7
18200	91.67	179.58	8900.3	12442.1	-7206.47	201.93	479624	750111.4
18300	91.67	179.58	8897.38	12439.18	-7306.42	202.66	479524.1	750112.2
18400	91.67	179.58	8894.46	12436.26	-7406.38	203.39	479424.1	750112.9
18500	91.67	179.58	8891.53	12433.33	-7506.33	204.13	479324.2	750113.6
18600	91.67	179.58	8888.61	12430.41	-7606.29	204.86	479224.2	750114.4
18700	91.67	179.58	8885.69	12427.49	-7706.24	205.59	479124.3	750115.1
18800	91.67	179.58	8882.77	12424.57	-7806.2	206.32	479024.3	750115.8
18900	91.67	179.58	8879.85	12421.65	-7906.15	207.05	478924.4	750116.6
19000	91.67	179.58	8876.93	12418.73	-8006.1	207.79	478824.4	750117.3
19100	91.67	179.58	8874.01	12415.81	-8106.06	208.52	478724.5	750118

19200	91.67	179.58	8871.09	12412.89	-8206.01	209.25	478624.5	750118.8
19300	91.67	179.58	8868.17	12409.97	-8305.97	209.98	478524.5	750119.5
19400	91.67	179.58	8865.25	12407.05	-8405.92	210.71	478424.6	750120.2
19500	91.67	179.58	8862.33	12404.13	-8505.88	211.45	478324.6	750121
19600	91.67	179.58	8859.41	12401.21	-8605.83	212.18	478224.7	750121.7
19641.35	91.67	179.58	8858.2	12400	-8647.16	212.48	478183.4	750122

All data are in feet unless otherwise stated. Directions and coordinates are relative to Grid North.
Vertical depths are relative to GE + 23.5. Northings and Eastings are relative to Well.

The Dogleg Severity is in Degrees per 100 feet.
Vertical Section is from Slot and calculated along an Azimuth of 180.000° (Grid).

Coordinate System is NAD 1927 (NADCON CONUS) US State Plane 1927 (Exact solution), New Mexico East
Central meridian is -104.333°.
Grid Convergence at Surface is 0.433°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 19641.35ft.,
the Bottom Hole Displacement is 8649.77ft., in the Direction of 180.000° (Grid).

Latitude (°)	Longitude (°)	VS (ft)	DLS (°/100ft)	Tool (IPM)	Comment -----
32.33582	-103.524		0	0 UNDEFINED	

32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI
32.33582	-103.524	0	0 MWD+IGRI Start Nudge 2° DLS
32.33581	-103.524	1.67	2 MWD+IGRI
32.3358	-103.524	6.69	2 MWD+IGRI
32.33578	-103.524	15.04	2 MWD+IGRI
32.33575	-103.524	24.78	2 MWD+IGRI Hold 7.7° Inc
32.33574	-103.524	26.68	0 MWD+IGRI
32.33571	-103.524	39.52	0 MWD+IGRI
32.33567	-103.524	52.37	0 MWD+IGRI
32.33564	-103.524	65.22	0 MWD+IGRI
32.3356	-103.524	78.06	0 MWD+IGRI
32.33557	-103.524	90.91	0 MWD+IGRI
32.33553	-103.524	103.76	0 MWD+IGRI
32.3355	-103.524	116.6	0 MWD+IGRI
32.33546	-103.524	129.45	0 MWD+IGRI
32.33543	-103.524	142.3	0 MWD+IGRI
32.33539	-103.524	155.14	0 MWD+IGRI
32.33536	-103.524	167.99	0 MWD+IGRI
32.33532	-103.524	180.84	0 MWD+IGRI
32.33528	-103.524	193.68	0 MWD+IGRI
32.33525	-103.524	206.53	0 MWD+IGRI
32.33521	-103.524	219.37	0 MWD+IGRI
32.33518	-103.524	232.22	0 MWD+IGRI
32.33514	-103.524	245.07	0 MWD+IGRI
32.33511	-103.524	257.91	0 MWD+IGRI
32.33507	-103.524	270.76	0 MWD+IGRI
32.33504	-103.524	283.61	0 MWD+IGRI
32.335	-103.524	296.45	0 MWD+IGRI
32.33497	-103.524	309.3	0 MWD+IGRI
32.33493	-103.524	322.15	0 MWD+IGRI

Released to Imaging: 10/26/2022 10:41:56 AM

32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI
32.33441	-103.524	512.04	0 MWD+IGRI KOP 12° DLS
32.33441	-103.524	512.23	12 MWD+IGRI
32.3344	-103.524	513.59	12 MWD+IGRI
32.3344	-103.524	516.25	12 MWD+IGRI
32.33439	-103.524	520.21	12 MWD+IGRI
32.33437	-103.524	525.46	12 MWD+IGRI
32.33435	-103.524	531.98	12 MWD+IGRI
32.33433	-103.524	539.75	12 MWD+IGRI
32.33431	-103.524	548.75	12 MWD+IGRI
32.33428	-103.524	558.97	12 MWD+IGRI
32.33425	-103.524	570.36	12 MWD+IGRI
32.33421	-103.524	582.9	12 MWD+IGRI
32.33418	-103.524	596.56	12 MWD+IGRI
32.33413	-103.524	611.29	12 MWD+IGRI
32.33409	-103.524	627.06	12 MWD+IGRI
32.33405	-103.524	643.82	12 MWD+IGRI
32.334	-103.524	661.54	12 MWD+IGRI
32.33395	-103.524	680.14	12 MWD+IGRI

32.33389	-103.524	699.6	12 MWD+IGRI
32.33384	-103.524	719.85	12 MWD+IGRI
32.33378	-103.524	740.85	12 MWD+IGRI
32.33372	-103.524	762.52	12 MWD+IGRI
32.33366	-103.524	784.81	12 MWD+IGRI
32.33359	-103.524	807.67	12 MWD+IGRI
32.33353	-103.524	831.02	12 MWD+IGRI
32.33347	-103.524	854.81	12 MWD+IGRI
32.3334	-103.524	878.97	12 MWD+IGRI
32.33333	-103.524	903.43	12 MWD+IGRI
32.33326	-103.524	928	12 MWD+IGRI LP 11849.8' MD & 11600.4' TVD
32.33313	-103.524	977.71	0 MWD+IGRI
32.33285	-103.524	1076.87	0 MWD+IGRI
32.33258	-103.524	1176.04	0 MWD+IGRI
32.33231	-103.524	1275.2	0 MWD+IGRI
32.33204	-103.524	1374.37	0 MWD+IGRI
32.33176	-103.524	1473.53	0 MWD+IGRI
32.33149	-103.524	1572.7	0 MWD+IGRI
32.33122	-103.524	1671.86	0 MWD+IGRI
32.33095	-103.524	1771.02	0 MWD+IGRI
32.33067	-103.524	1870.19	0 MWD+IGRI
32.3304	-103.524	1969.35	0 MWD+IGRI
32.33013	-103.524	2068.52	0 MWD+IGRI
32.32986	-103.524	2167.68	0 MWD+IGRI
32.32958	-103.524	2266.85	0 MWD+IGRI
32.32931	-103.524	2366.01	0 MWD+IGRI
32.32904	-103.524	2465.18	0 MWD+IGRI
32.32877	-103.524	2564.34	0 MWD+IGRI
32.32849	-103.524	2663.51	0 MWD+IGRI
32.32822	-103.524	2762.67	0 MWD+IGRI
32.32795	-103.524	2861.83	0 MWD+IGRI
32.32768	-103.524	2961	0 MWD+IGRI
32.3274	-103.524	3060.16	0 MWD+IGRI
32.32713	-103.524	3159.33	0 MWD+IGRI
32.32686	-103.524	3258.49	0 MWD+IGRI
32.32659	-103.524	3357.66	0 MWD+IGRI
32.32631	-103.524	3456.82	0 MWD+IGRI
32.32604	-103.524	3555.99	0 MWD+IGRI
32.32577	-103.524	3655.15	0 MWD+IGRI
32.3255	-103.524	3754.31	0 MWD+IGRI
32.32522	-103.524	3853.48	0 MWD+IGRI
32.32502	-103.524	3928	0 MWD+IGRI 3000' FTP
32.32495	-103.524	3952.63	2 MWD+IGRI
32.32468	-103.524	4051.42	2 MWD+IGRI

32.32442	-103.524	4146.33	2 MWD+IGRI
32.32441	-103.524	4149.61	0 MWD+IGRI
32.32414	-103.524	4247.48	0 MWD+IGRI
32.32387	-103.524	4345.35	0 MWD+IGRI
32.3236	-103.524	4443.23	0 MWD+IGRI
32.32333	-103.524	4541.1	0 MWD+IGRI
32.32306	-103.524	4638.97	0 MWD+IGRI
32.32279	-103.524	4736.85	0 MWD+IGRI
32.32253	-103.524	4834.72	0 MWD+IGRI
32.32226	-103.524	4932.59	0 MWD+IGRI
32.32199	-103.524	5030.47	0 MWD+IGRI
32.32172	-103.524	5128.34	0 MWD+IGRI
32.32145	-103.524	5226.21	0 MWD+IGRI
32.32118	-103.524	5324.09	0 MWD+IGRI
32.32091	-103.524	5421.96	0 MWD+IGRI
32.32064	-103.524	5519.83	0 MWD+IGRI
32.32037	-103.524	5617.71	0 MWD+IGRI
32.3201	-103.524	5715.58	0 MWD+IGRI
32.31983	-103.524	5813.46	0 MWD+IGRI
32.31957	-103.524	5911.33	0 MWD+IGRI
32.31952	-103.524	5928	0 MWD+IGRI 5000' FTP
32.3193	-103.524	6009.44	2 MWD+IGRI
32.31902	-103.524	6108.15	2 MWD+IGRI
32.31875	-103.524	6207.36	2 MWD+IGRI
32.31848	-103.524	6306.95	2 MWD+IGRI
32.3182	-103.524	6406.79	2 MWD+IGRI
32.31793	-103.524	6506.76	2 MWD+IGRI
32.31768	-103.524	6598.96	2 MWD+IGRI
32.31765	-103.524	6606.74	0 MWD+IGRI
32.31738	-103.524	6706.69	0 MWD+IGRI
32.3171	-103.524	6806.65	0 MWD+IGRI
32.31683	-103.524	6906.6	0 MWD+IGRI
32.31656	-103.524	7006.56	0 MWD+IGRI
32.31628	-103.524	7106.51	0 MWD+IGRI
32.31601	-103.524	7206.47	0 MWD+IGRI
32.31573	-103.524	7306.42	0 MWD+IGRI
32.31546	-103.524	7406.38	0 MWD+IGRI
32.31518	-103.524	7506.33	0 MWD+IGRI
32.31491	-103.524	7606.29	0 MWD+IGRI
32.31463	-103.524	7706.24	0 MWD+IGRI
32.31436	-103.524	7806.2	0 MWD+IGRI
32.31408	-103.524	7906.15	0 MWD+IGRI
32.31381	-103.524	8006.1	0 MWD+IGRI
32.31353	-103.524	8106.06	0 MWD+IGRI

32.31326	-103.524	8206.01	0 MWD+IGRI
32.31298	-103.524	8305.97	0 MWD+IGRI
32.31271	-103.524	8405.92	0 MWD+IGRI
32.31243	-103.524	8505.88	0 MWD+IGRI
32.31216	-103.524	8605.83	0 MWD+IGRI
32.31205	-103.524	8647.16	0 MWD+IGRI PBHL 19641.3' MD & 12400' TVD

ast 3001.

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 153815

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 153815
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	10/26/2022