

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. 30-025-48494
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>H</u> : <u>1,890</u> feet from the <u>North</u> line and <u>430</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
		8. Well Number 205H
		9. OGRID Number 12361
		10. Pool name or Wildcat Ojo Chiso; Bone Spring; Southwest
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 3,498.4' GR		

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: ☐	
---	--	---	--

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

Kaiser Francis Oil Company requests to record the BHL for the Bell Lake Unit North 205H as Sec 12, T23S-R33E; 330 FSL 1410 FEL. No federal sundry is required. Plat and Survey are attached.

Spud Date: 11/22/21 Rig Release Date: 12/3/21

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 10/27/2022

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) 393-9720

District II

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

District III

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

District IV

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

State of New Mexico

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.

Santa Fe, NM 87505

Form C-102

Revised August 1, 2011

Submit one copy to appropriate

District Office

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48494	² Pool Code 98259	³ Pool Name Ojo Chiso; Bone Spring, Southwest
⁴ Property Code 316707	⁵ Property Name BELL LAKE UNIT NORTH	⁶ Well Number 205H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	⁹ Elevation 3498.4

¹⁰ Surface Location

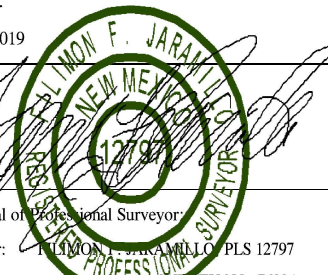
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	1	23 S	33 E		1890	NORTH	430	EAST	LEA

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
O	12	23 S	33 E		330	SOUTH	1410	EAST	LEA

¹² Dedicated Acres 480	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14527A
---	-------------------------------	----------------------------------	--

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 SW CORNER SEC. 1 LAT. = 32.3263087°N LONG. = 103.5341442°W NMSP EAST (FT) N = 483348.00 E = 746866.46 SEC. 1 LOT 3 DNF LOT 2 LOT 1 LOT 4 BELL LAKE UNIT NORTH 205H ELEV. = 3498.4' LAT. = 32.3355857°N (NAD27) LONG. = 103.5184142°W NMSP EAST (FT) N = 486759.49 E = 751699.84 S49°37'52"W 1226.26 FT SHL 430' FTP 500°06'52"E 7550.39 FT FIRST TAKE POINT 2600' FSL 1370' FEL LAT. = 32.3334223°N LONG. = 103.5214580°W NMSP EAST (FT) N = 485965.36 E = 750765.66 SEC. 12 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD27). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD 88. BOTTOM OF HOLE LAT. = 32.3126728°N LONG. = 103.5215949°W NMSP EAST (FT) N = 478416.55 E = 750780.58 BHL/LTP DNF SW CORNER SEC. 12 LAT. = 32.3117931°N LONG. = 103.5341388°W NMSP EAST (FT) N = 478067.40 E = 746907.50 S89°44'15"W 2644.54 FT S89°44'15"W 2644.54 FT S89°42'57"W 2643.11 FT S89°42'57"W 2643.11 FT	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 SE CORNER SEC. 1 LAT. = 32.3262657°N LONG. = 103.5170258°W NMSP EAST (FT) N = 483372.24 E = 752154.54 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. Christina Opfer 10/27/22 Signature Date Christina Opfer Printed Name ChristinaO@kfoc.net E-mail Address ¹⁸ SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. OCTOBER 28, 2019 Date of Survey  Signature and Seal of Professional Surveyor Certificate Number: WILLIAM F. JARAMILLO PLS 12797 SURVEY NO. 7630A
--	---	--

Intent ☒ As Drilled ☐

API # 30-025-48494		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: BELL LAKE UNIT NORTH	Well Number 205H

Kick Off Point (KOP)

UL H	Section 1	Township 23S	Range 33E	Lot	Feet 1890	From N/S NORTH	Feet 430	From E/W EAST	County LEA
Latitude 32.3355857					Longitude 103.5184142				NAD 27

First Take Point (FTP)

UL J	Section 1	Township 23S	Range 33E	Lot	Feet 2600	From N/S SOUTH	Feet 1370	From E/W EAST	County LEA
Latitude 32.3334223					Longitude 103.5214580				NAD 27

Last Take Point (LTP)

UL O	Section 12	Township 23S	Range 33E	Lot	Feet 330	From N/S SOUTH	Feet 1410	From E/W EAST	County LEA
Latitude 32.3126728					Longitude 103.5215949				NAD 27

Is this well the defining well for the Horizontal Spacing Unit?

☒

Is this well an infill well?

☐

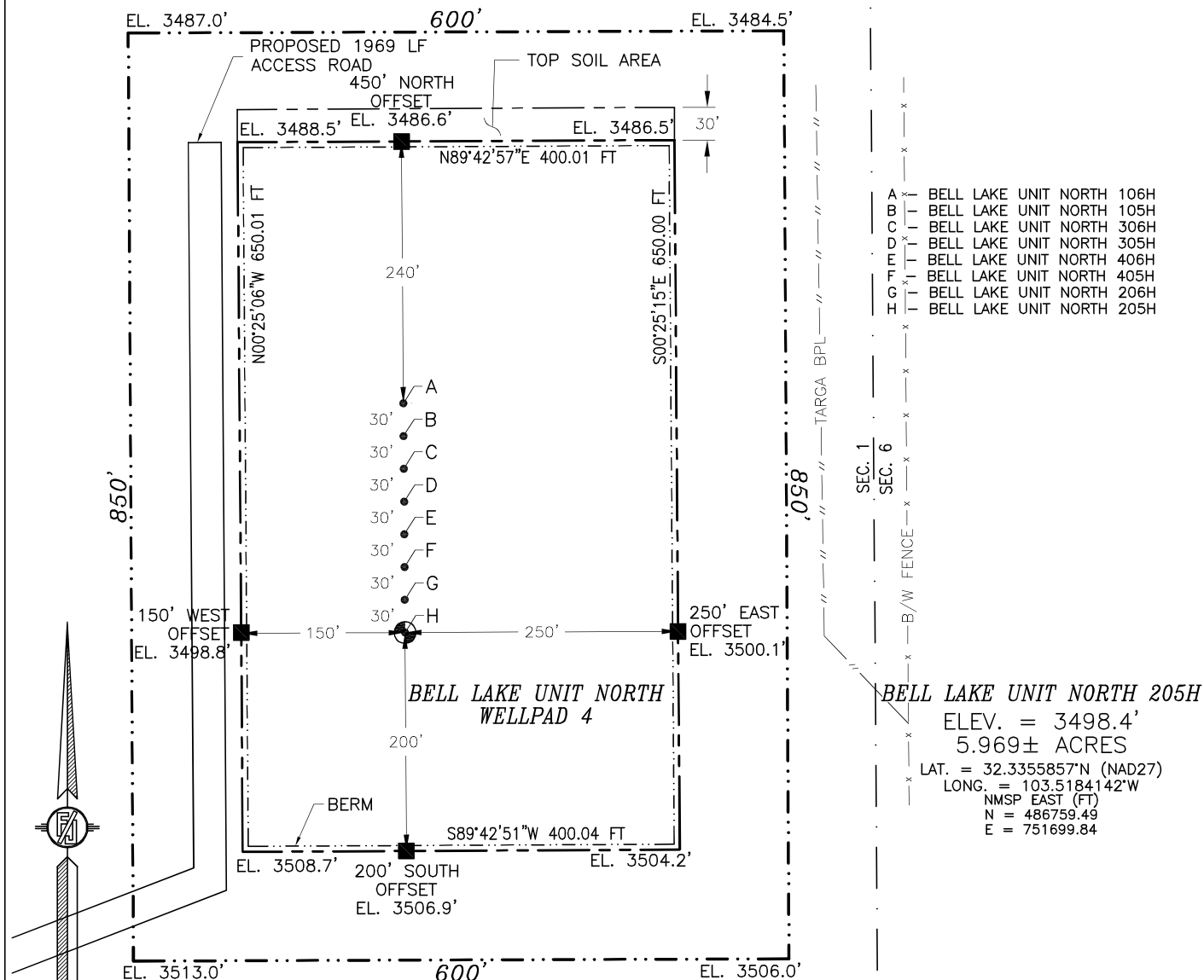
If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

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

NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1927 (NAD27). LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD27). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST (NAD83) COORDINATES MODIFIED TO THE SURFACE. ELEVATION VALUES ARE NAVD 88.



015 75 150 300

SCALE 1" = 150'

DIRECTIONS TO LOCATION

FROM THE INTERSECTION OF STATE HIGHWAY 128 AND CR. 21 (DELAWARE BASIN ROAD) GO NORTH ON CR. 21 FOR APPROX. 8.1 MILES TO WHERE ROAD BENDS EAST, CONTINUE TO SECOND LEASE ROAD (KAISER-FRANCIS SIGNS) GO NORTH APPROX. 0.4 OF A MILE, GO WEST APPROX. 1.0 OF A MILE TO BEGIN ROAD SURVEY, FOLLOW ROAD SURVEY NORTH APPROX. 664', CONTINUE ON ROAD SURVEY EAST APPROX. 238', CONTINUE NORTHEAST APPROX. 392', CONTINUE NORTH APPROX 675' (TOTAL OF 1969') TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

I, FILMON F. JARAMILLO, A NEW MEXICO REGISTERED PROFESSIONAL SURVEYOR CERTIFY THAT I AM THE REGISTERED JARAMILLO RESPONSIBLE FOR THIS SURVEY, THAT THIS SURVEY WAS CONDUCTED TO THE BEST OF MY KNOWLEDGE AND BELIEF AND THAT I HAVE COMPLIED WITH THE MINIMUM STANDARDS FOR SURVEYING.

FILMON F. JARAMILLO, 1279

MADISON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

CARLSBAD, NEW MEXICO

KAISER-FRANCIS OIL CO.

BELL LAKE UNIT NORTH 205H

LOCATED 1890 FT. FROM THE NORTH LINE
AND 430 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 28, 2019

SURVEY NO. 7630A

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

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

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

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

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

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

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-48494		² Pool Code 98259	³ Pool Name Ojo Chiso; Bone Spring Southwest
⁴ Property Code 316707	⁵ Property Name BELL LAKE UNIT NORTH		⁶ Well Number 205H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.		⁹ Elevation 3498.4

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
H	1	23 S	33 E		1890	NORTH	430	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
O	12	23 S	33 E		330	SOUTH	1410	EAST	LEA

¹² Dedicated Acres	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
480			R-14527

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. = 32.3409374°N LONG. = 103.5346038°W NMSP EAST (FT) N = 488684.86 E = 788017.01		N89°42'53"E 2641.58 FT DNF N89°42'53"E 2641.58 FT		NE CORNER SEC. 1 LAT. = 32.3409003°N LONG. = 103.5175014°W NMSP EAST (FT) N = 488711.17 E = 793299.16	
W/4 CORNER SEC. 1 LAT. = 32.3336804°N LONG. = 103.5346354°W NMSP EAST (FT) N = 486044.69 E = 788026.92	SW CORNER SEC. 1 LAT. = 32.3264324°N LONG. = 103.5346254°W NMSP EAST (FT) N = 483407.85 E = 788049.66	SEC. 1 LOT 3 LOT 2 LOT 1 LOT 4 BELL LAKE UNIT NORTH 205H ELEV. = 3498.4' LAT. = 32.3357094°N (NAD83) LONG. = 103.5188954°W NMSP EAST (FT) N = 486819.44 E = 792882.98 SHL 430' S49°37'52"W 1226.26 FT FTP S00°06'52"E 7550.39 FT FIRST TAKE POINT 2600' FSL, 1370' FEL LAT. = 32.3335461°N LONG. = 103.5219392°W NMSP EAST (FT) N = 486025.29 E = 791948.82 DNF	E/4 CORNER SEC. 1 LAT. = 32.3336453°N LONG. = 103.5175046°W NMSP EAST (FT) N = 486071.76 E = 793318.27	SE CORNER SEC. 1 LAT. = 32.3263895°N LONG. = 103.5175066°W NMSP EAST (FT) N = 483432.09 E = 793337.75	
SEC. 12 NOTE: LATITUDE AND LONGITUDE COORDINATES ARE SHOWN USING THE NORTH AMERICAN DATUM OF 1983 (NAD83) LISTED NEW MEXICO STATE PLANE EAST COORDINATES ARE GRID (NAD83). BASIS OF BEARING AND DISTANCES USED ARE NEW MEXICO STATE PLANE EAST COORDINATES MODIFIED TO THE SURFACE. VERTICAL DATUM NAVD88. DNF		DNF BOTTOM OF HOLE LAT. = 32.3127966°N LONG. = 103.5220754°W NMSP EAST (FT) N = 478476.24 E = 791963.89 BHL/LTP DNF		SE CORNER SEC. 12 LAT. = 32.3118795°N LONG. = 103.5175128°W NMSP EAST (FT) N = 478153.30 E = 793376.02	

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.

Eric Hansen 3/29/22

Signature Date

Eric Hansen

Printed Name

EricH@kfoc.net

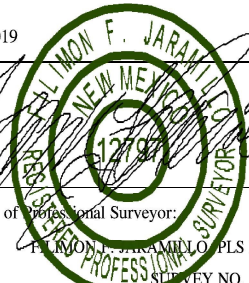
E-mail Address

18 SURVEYOR CERTIFICATION

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

OCTOBER 28, 2019

Date of Survey



Signature and Seal of Professional Surveyor: _____

Certificate Number: PL 10001 - JARAMILLO, PLS 12797

SURVEY NO. 7630A

Intent ☐ As Drilled ☐

API #		
Operator Name: KAISER-FRANCIS OIL CO.	Property Name: BELL LAKE UNIT NORTH	Well Number 205H

Kick Off Point (KOP)

UL H	Section 1	Township 23S	Range 33E	Lot	Feet 1890	From N/S NORTH	Feet 430	From E/W EAST	County LEA
Latitude 32.3357094					Longitude 103.5188954				NAD 83

First Take Point (FTP)

UL J	Section 1	Township 23S	Range 33E	Lot	Feet 2600	From N/S SOUTH	Feet 1370	From E/W EAST	County LEA
Latitude 32.3335461					Longitude 103.5219392				NAD 83

Last Take Point (LTP)

UL O	Section 12	Township 23S	Range 33E	Lot	Feet 330	From N/S SOUTH	Feet 1410	From E/W EAST	County LEA
Latitude 32.3127966					Longitude 103.5220754				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.

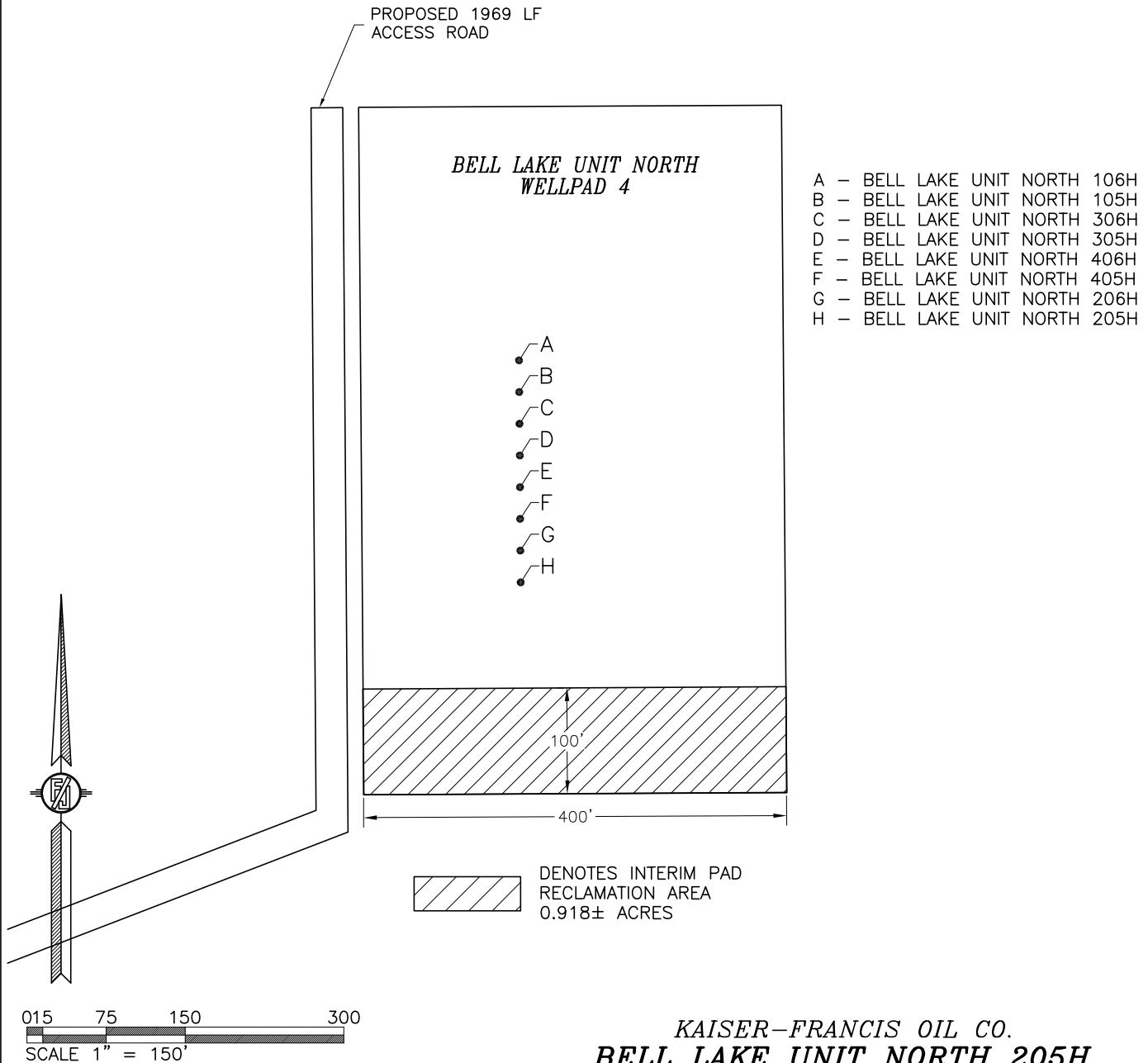
API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

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.



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



A - BELL LAKE UNIT NORTH 106H
B - BELL LAKE UNIT NORTH 105H
C - BELL LAKE UNIT NORTH 306H
D - BELL LAKE UNIT NORTH 305H
E - BELL LAKE UNIT NORTH 406H
F - BELL LAKE UNIT NORTH 405H
G - BELL LAKE UNIT NORTH 206H
H - BELL LAKE UNIT NORTH 205H

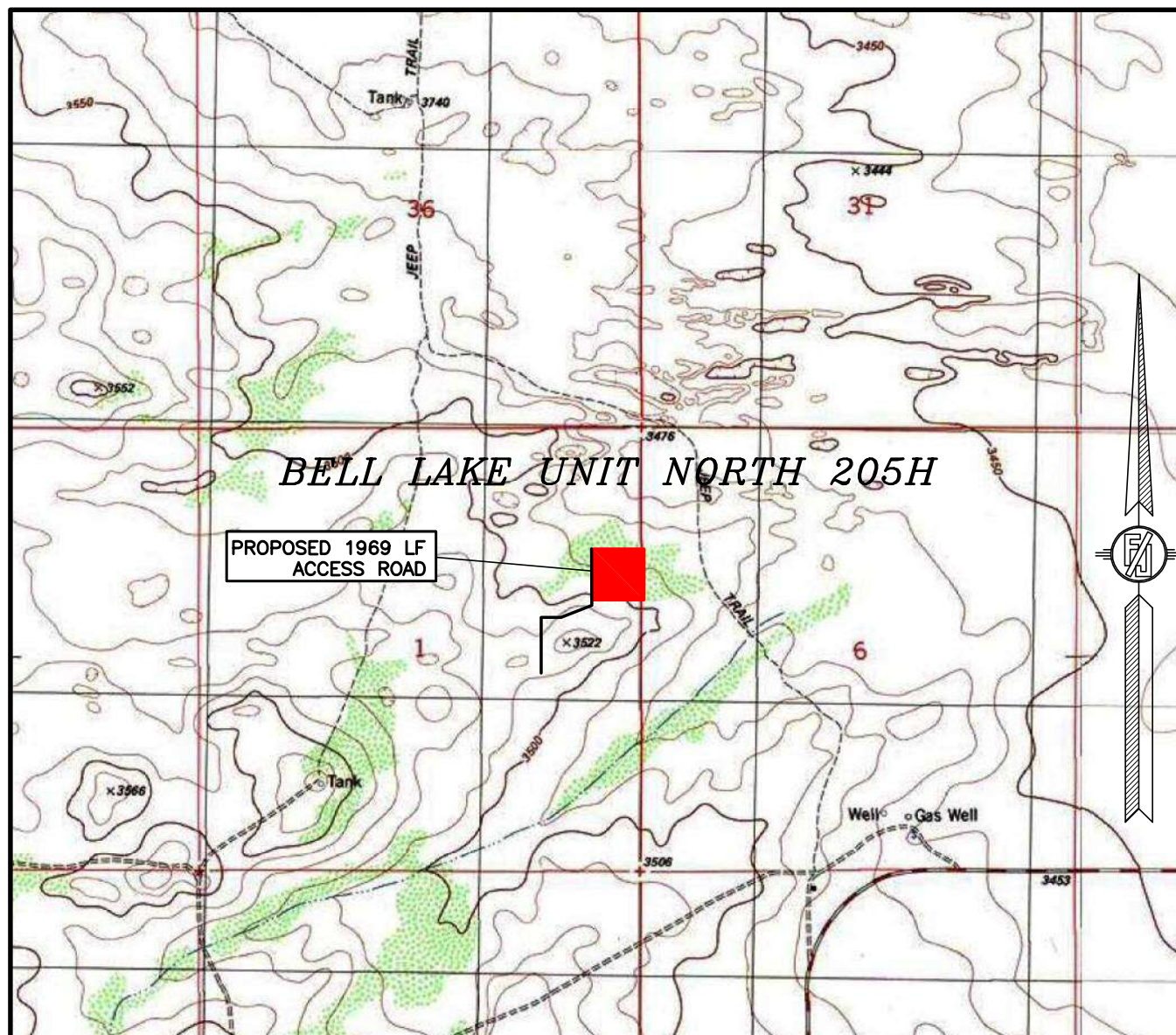
KAISER-FRANCIS OIL CO.
BELL LAKE UNIT NORTH 205H
LOCATED 1890 FT. FROM THE NORTH LINE
AND 430 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 28, 2019

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

SURVEY NO. 7630A
CARLSBAD, NEW MEXICO

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 CO.
BELL LAKE UNIT NORTH 205H
LOCATED 1890 FT. FROM THE NORTH LINE
AND 430 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

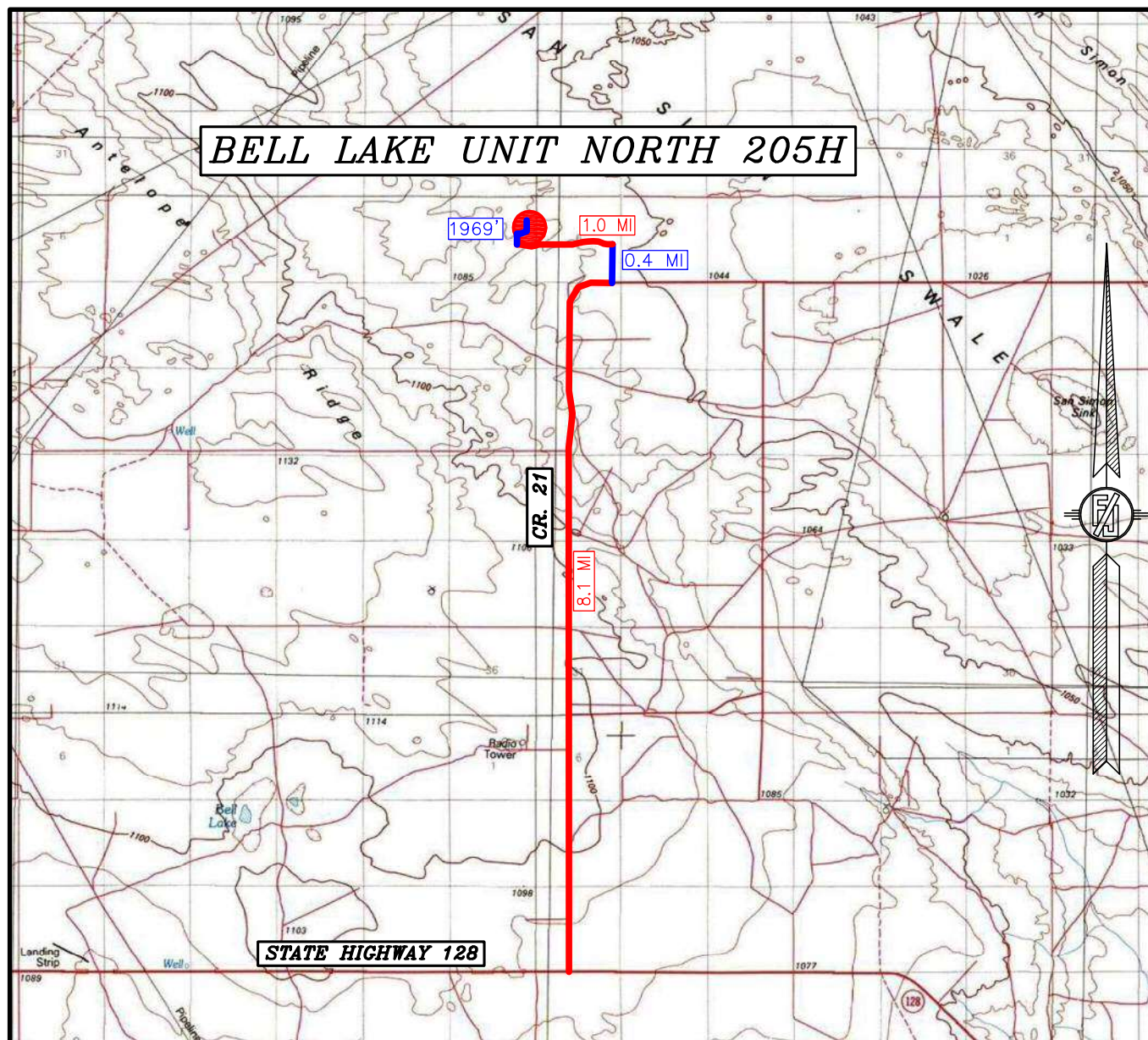
OCTOBER 28, 2019

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7630A
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 HIGHWAY 128 AND CR. 21 (DELAWARE BASIN ROAD) GO NORTH ON CR. 21 FOR APPROX. 8.1 MILES TO WHERE ROAD BENDS EAST, CONTINUE TO SECOND LEASE ROAD (KAISER-FRANCIS SIGNS) GO NORTH APPROX. 0.4 OF A MILE, GO WEST APPROX. 1.0 OF A MILE TO BEGIN ROAD SURVEY, FOLLOW ROAD SURVEY NORTH APPROX. 664', CONTINUE ON ROAD SURVEY EAST APPROX. 238', CONTINUE NORTHEAST APPROX. 392', CONTINUE NORTH APPROX 675' (TOTAL OF 1969') TO THE NORTHWEST PAD CORNER FOR THIS LOCATION.

KAISER-FRANCIS OIL CO.
BELL LAKE UNIT NORTH 205H
LOCATED 1890 FT. FROM THE NORTH LINE
AND 430 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 28, 2019

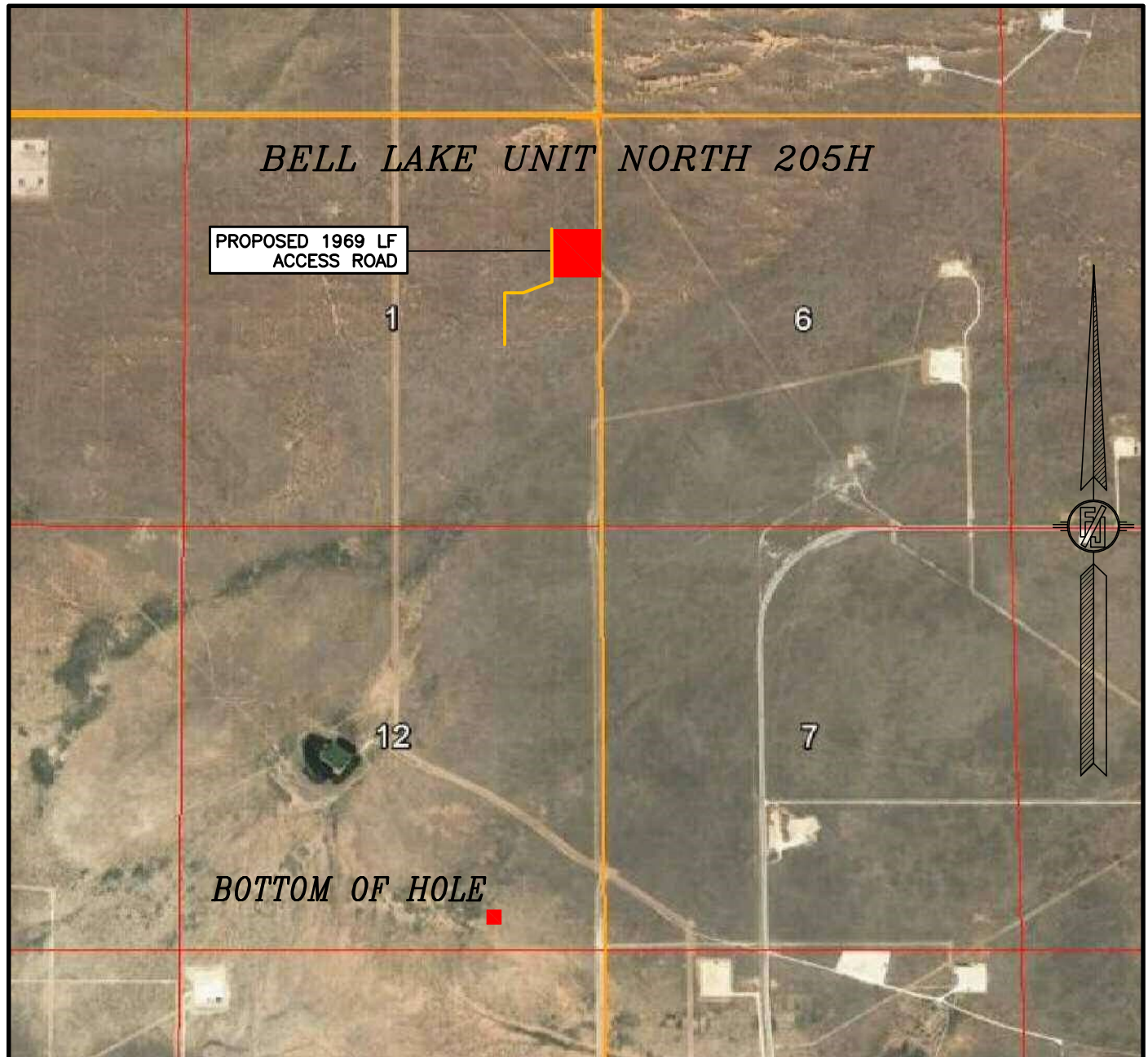
SURVEY NO. 7630A

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
NOVEMBER 2017

KAISER-FRANCIS OIL CO.
BELL LAKE UNIT NORTH 205H
LOCATED 1890 FT. FROM THE NORTH LINE
AND 430 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

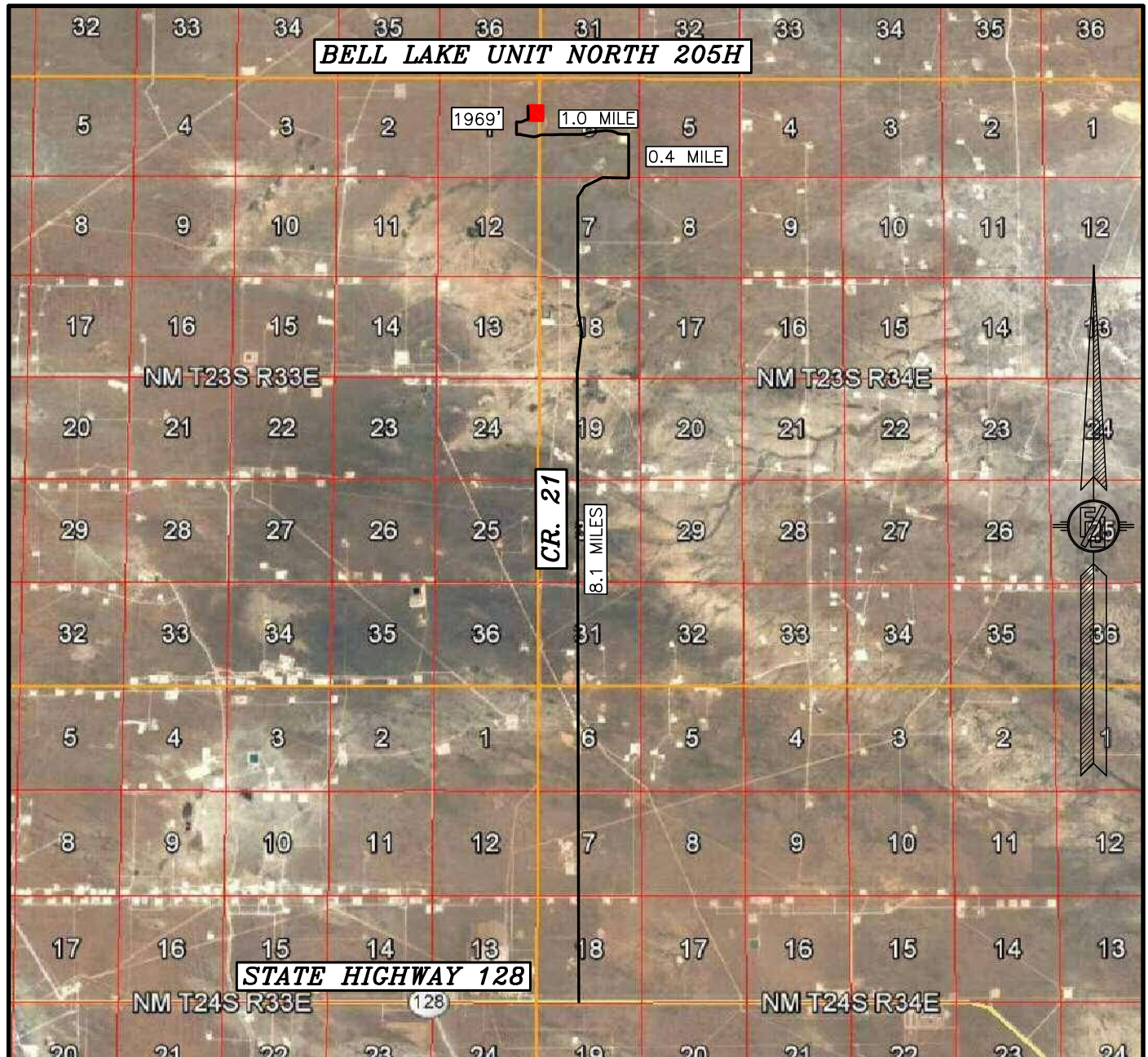
OCTOBER 28, 2019

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7630A
CARLSBAD, NEW MEXICO

SECTION 1, TOWNSHIP 23 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 NORTH 205H
LOCATED 1890 FT. FROM THE NORTH LINE
AND 430 FT. FROM THE EAST LINE OF
SECTION 1, TOWNSHIP 23 SOUTH,
RANGE 33 EAST, N.M.P.M.
LEA COUNTY, STATE OF NEW MEXICO

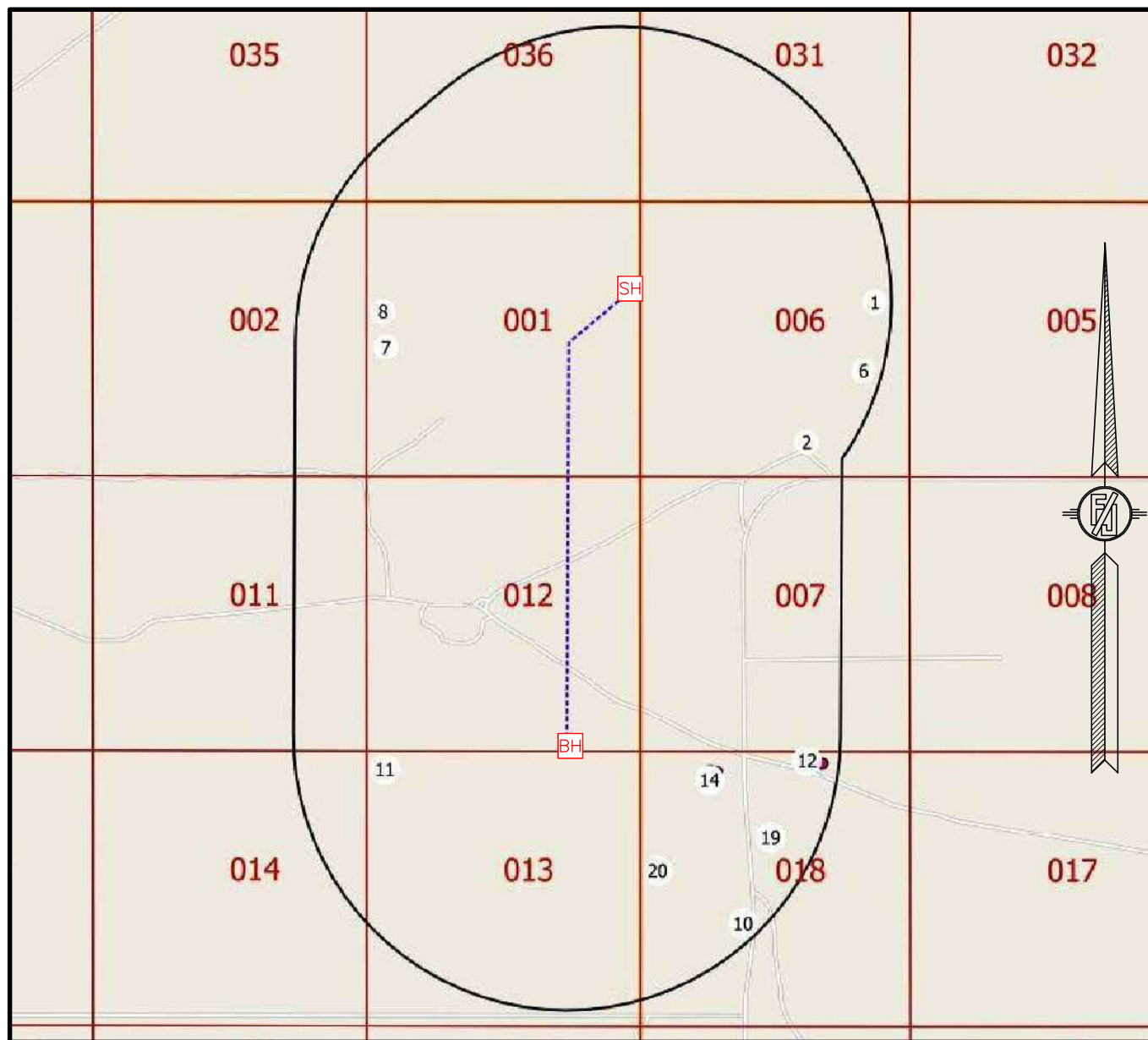
OCTOBER 28, 2019

MADRON SURVEYING, INC.

301 SOUTH CANAL
(575) 234-3341

SURVEY NO. 7630A
CARLSBAD, NEW MEXICO

1-MILE MAP



NOT TO SCALE

WELL DATA FROM NMOCD GIS - 7/31/19

[SH] SURFACE LOCATION

[BH] BOTTOM OF HOLE

[XX] WELLS WITHIN 1 MILE

--- WELL PATH

— 1-MILE BOUNDARY

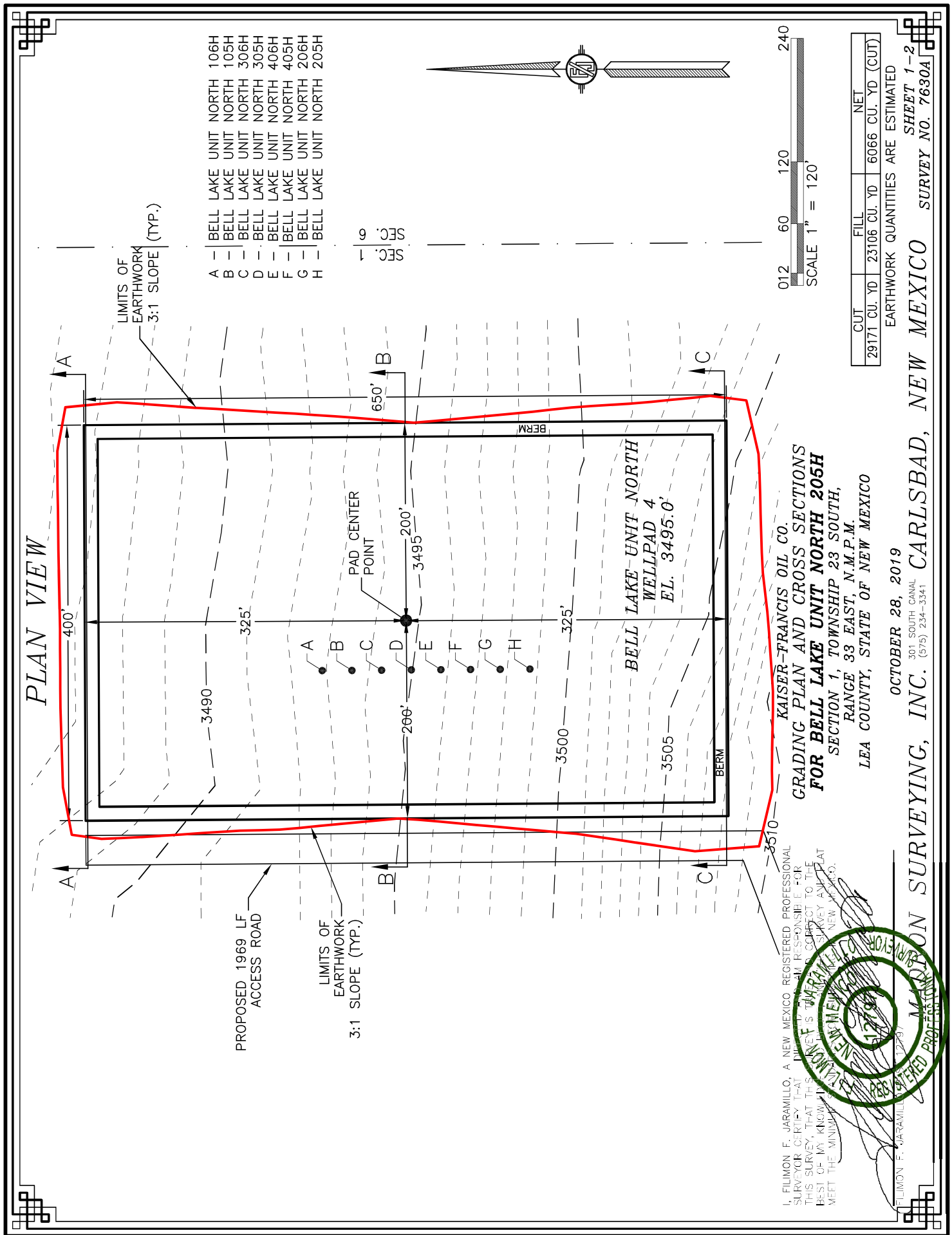
KAISER-FRANCIS OIL CO.
BELL LAKE UNIT NORTH 205H
 LOCATED 1890 FT. FROM THE NORTH LINE
 AND 430 FT. FROM THE EAST LINE OF
 SECTION 1, TOWNSHIP 23 SOUTH,
 RANGE 33 EAST, N.M.P.M.
 LEA COUNTY, STATE OF NEW MEXICO

OCTOBER 28, 2019

SURVEY NO. 7630A

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

CARLSBAD, NEW MEXICO

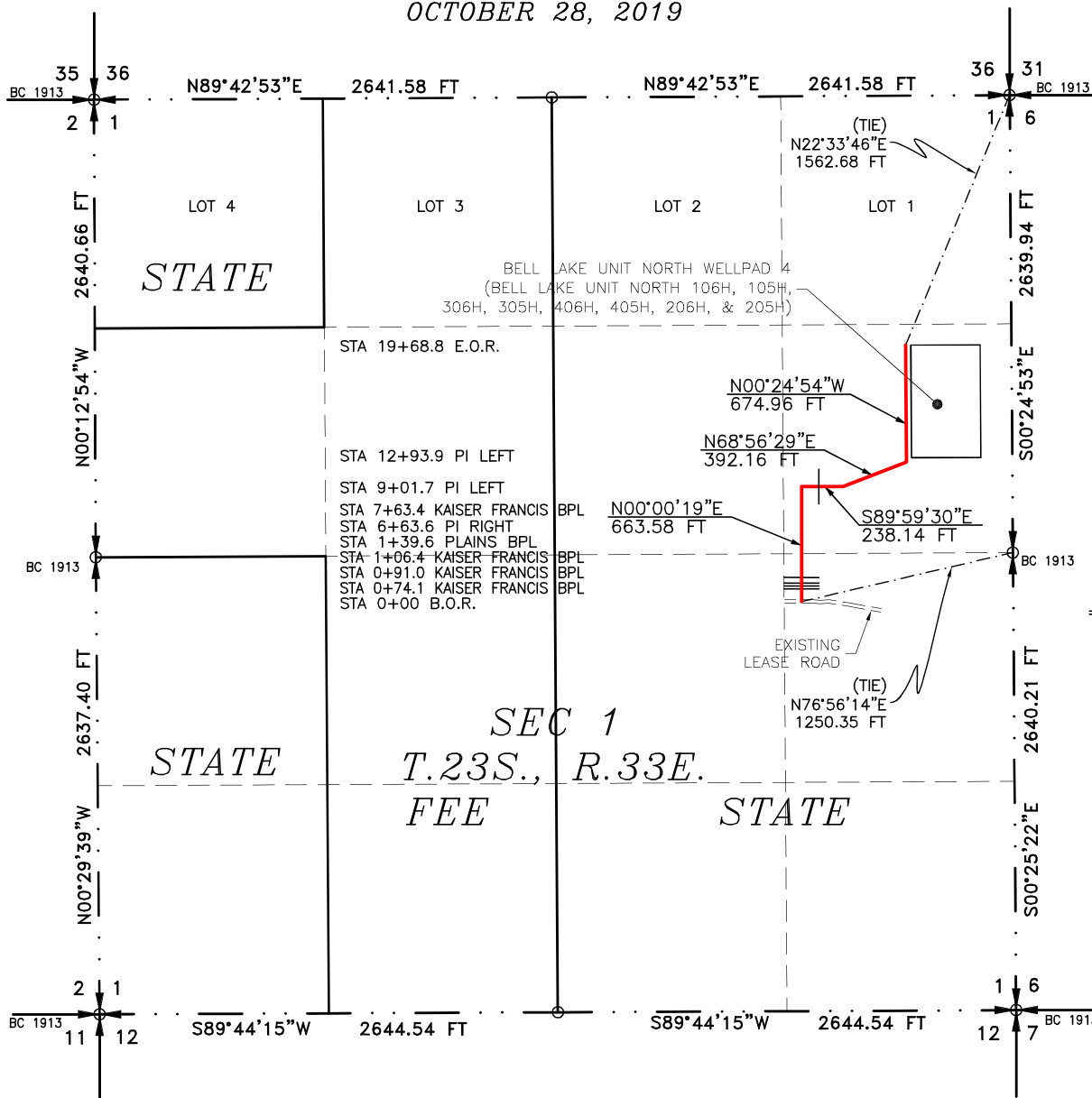


ACCESS ROAD PLAT

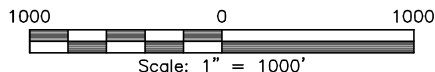
ACCESS ROAD TO THE BELL LAKE UNIT NORTH WELLPAD 4
(BELL LAKE UNIT NORTH 106H, 105H, 306H, 305H, 406H, 405H, 206H, & 205H)

KAISER-FRANCIS OIL CO.

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 28, 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.

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 25 DAY OF NOVEMBER 2019

FILIMON F. JARAMILLO, PLS. 12797
301 SOUTH CANAL
CARLSBAD, NEW MEXICO 88220
(575) 234-3341

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

SURVEY NO. 7630A

ACCESS ROAD PLAT

ACCESS ROAD TO THE BELL LAKE UNIT NORTH WELLPAD 4
(BELL LAKE UNIT NORTH 106H, 105H, 306H, 305H, 406H, 405H, 206H, & 205H)

KAISER-FRANCIS OIL CO.
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 28, 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 NE/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 N76°56'14"E, A DISTANCE OF 1250.35 FEET;

THENCE N00°00'19"E A DISTANCE OF 663.58 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE S89°59'30"E A DISTANCE OF 238.14 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N68°56'29"E A DISTANCE OF 392.16 FEET TO AN ANGLE POINT OF THE LINE HEREIN DESCRIBED;

THENCE N00°24'54"W A DISTANCE OF 674.96 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 N22°33'46"E, A DISTANCE OF 1562.68 FEET;

SAID STRIP OF LAND BEING 1968.84 FEET OR 119.32 RODS IN LENGTH, CONTAINING 1.356 ACRES MORE OR LESS AND BEING ALLOCATED BY FORTIES AS FOLLOWS:

NE/4 SE/4	276.37 L.F.	16.75 RODS	0.190 ACRES
SE/4 NE/4	1692.47 L.F.	102.57 RODS	1.166 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.

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 25 DAY OF NOVEMBER 2019

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

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

SURVEY NO. 7630A

CARLSBAD, NEW MEXICO



KAISER FRANCIS OIL CO.

LEA COUNTY, N.M. 27

SEC 1-T23S-R33E

BELL LAKE UNIT N. 205H

HORIZONTAL

Plan: PLAN 3

Standard Planning Report

08 November, 2021

Kaiser-Francis Oil Company



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

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

Site	SEC 1-T23S-R33E		
Site Position:		Northing:	485,999.00 usft
From:	Map	Easting:	749,493.00 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.33354131
		Longitude:	-103.52557723

Well	BELL LAKE UNIT N. 205H		
Well Position	+N/-S	0.00 usft	Northing: 486,759.49 usft
	+E/-W	0.00 usft	Easting: 751,699.84 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,498.40 usft
Grid Convergence:	0.44 °	Ground Level:	3,498.40 usft

Wellbore	HORIZONTAL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	11/3/2021	6.48	60.00	47,524.29969348

Design	PLAN 3			
Audit Notes:				
Version:	Phase:	PLAN	Tie On Depth:	0.00
Vertical Section:	Depth From (TVD) (usft)	+N/-S (usft)	+E/-W (usft)	Direction (°)
	0.00	0.00	0.00	180.00

Plan Survey Tool Program	Date	11/8/2021		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	18,704.92	PLAN 3 (HORIZONTAL)	MWD
				OWSG MWD - Standard



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

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	
800.00	0.00	0.00	800.00	0.00	0.00	0.00	0.00	0.00	0.00	
1,200.00	12.00	256.96	1,197.08	-9.42	-40.66	3.00	3.00	0.00	256.96	
7,082.87	12.00	256.96	6,951.40	-285.37	-1,232.24	0.00	0.00	0.00	0.00	
7,682.87	0.00	0.00	7,547.02	-299.49	-1,293.23	2.00	-2.00	0.00	180.00	
10,073.15	0.00	0.00	9,937.30	-299.49	-1,293.23	0.00	0.00	0.00	0.00	KOP BLN205
10,955.95	88.28	179.58	10,510.00	-855.24	-1,289.17	10.00	10.00	0.00	179.58	PBHL BLN205
11,455.95	88.28	179.58	10,525.01	-1,355.00	-1,285.53	0.00	0.00	0.00	0.00	
11,956.19	88.28	179.58	10,540.02	-1,855.00	-1,281.88	0.00	0.00	0.00	0.00	
12,087.69	85.65	179.58	10,546.98	-1,986.30	-1,280.92	2.00	-2.00	0.00	-179.96	
12,457.47	85.65	179.58	10,575.03	-2,355.00	-1,278.21	0.00	0.00	0.00	0.00	
12,657.47	89.65	179.58	10,583.23	-2,554.79	-1,276.75	2.00	2.00	0.00	0.00	
12,957.69	89.65	179.58	10,585.06	-2,855.00	-1,274.55	0.00	0.00	0.00	0.00	
13,260.19	83.60	179.58	10,602.86	-3,156.83	-1,272.34	2.00	-2.00	0.00	180.00	
13,459.62	83.60	179.58	10,625.09	-3,355.00	-1,270.88	0.00	0.00	0.00	0.00	
13,466.12	83.73	179.58	10,625.81	-3,361.46	-1,270.84	2.00	2.00	0.00	0.00	
13,962.64	83.73	179.58	10,680.04	-3,855.00	-1,267.22	0.00	0.00	0.00	0.00	
14,092.14	81.14	179.58	10,697.09	-3,983.36	-1,266.28	2.00	-2.00	0.00	180.00	
14,468.28	81.14	179.58	10,755.02	-4,355.00	-1,263.55	0.00	0.00	0.00	0.00	
14,610.78	78.29	179.58	10,780.46	-4,495.19	-1,262.53	2.00	-2.00	0.00	180.00	
14,978.24	78.29	179.58	10,855.04	-4,855.00	-1,259.89	0.00	0.00	0.00	0.00	
15,388.74	86.50	179.58	10,909.32	-5,261.53	-1,256.91	2.00	2.00	0.00	0.00	
15,482.39	86.50	179.58	10,915.04	-5,355.00	-1,256.22	0.00	0.00	0.00	0.00	
15,515.39	87.16	179.58	10,916.86	-5,387.95	-1,255.98	2.00	2.00	0.00	0.00	
15,983.03	87.16	179.58	10,940.03	-5,855.00	-1,252.56	0.00	0.00	0.00	0.00	
16,076.53	89.03	179.58	10,943.14	-5,948.44	-1,251.87	2.00	2.00	0.00	0.00	
16,483.16	89.03	179.58	10,950.02	-6,355.00	-1,248.89	0.00	0.00	0.00	0.00	
16,688.16	93.13	179.58	10,946.16	-6,559.91	-1,247.39	2.00	2.00	0.00	0.00	
16,983.69	93.13	179.58	10,930.02	-6,855.00	-1,245.23	0.00	0.00	0.00	0.00	
16,999.19	93.44	179.58	10,929.13	-6,870.47	-1,245.11	2.00	2.00	0.00	0.00	
17,484.60	93.44	179.58	10,900.01	-7,355.00	-1,241.56	0.00	0.00	0.00	0.00	
17,514.60	92.84	179.58	10,898.37	-7,384.95	-1,241.34	2.00	-2.00	0.00	180.00	
17,985.24	92.84	179.58	10,875.05	-7,855.00	-1,237.90	0.00	0.00	0.00	0.00	
18,072.66	91.09	179.60	10,872.05	-7,942.36	-1,237.27	2.00	-2.00	0.02	179.40	
18,704.92	91.09	179.60	10,860.00	-8,574.49	-1,232.84	0.00	0.00	0.00	0.00	PBHL BLN205



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

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
Start Nudge 3°/100' DLS									
900.00	3.00	256.96	899.95	-0.59	-2.55	0.59	3.00	3.00	0.00
1,000.00	6.00	256.96	999.63	-2.36	-10.19	2.36	3.00	3.00	0.00
1,100.00	9.00	256.96	1,098.77	-5.30	-22.91	5.30	3.00	3.00	0.00
1,200.00	12.00	256.96	1,197.08	-9.42	-40.66	9.42	3.00	3.00	0.00
Hold 12° Inc									
1,300.00	12.00	256.96	1,294.90	-14.11	-60.91	14.11	0.00	0.00	0.00
1,400.00	12.00	256.96	1,392.71	-18.80	-81.17	18.80	0.00	0.00	0.00
1,500.00	12.00	256.96	1,490.53	-23.49	-101.42	23.49	0.00	0.00	0.00
1,600.00	12.00	256.96	1,588.34	-28.18	-121.68	28.18	0.00	0.00	0.00
1,700.00	12.00	256.96	1,686.16	-32.87	-141.93	32.87	0.00	0.00	0.00
1,800.00	12.00	256.96	1,783.97	-37.56	-162.19	37.56	0.00	0.00	0.00
1,900.00	12.00	256.96	1,881.79	-42.25	-182.44	42.25	0.00	0.00	0.00
2,000.00	12.00	256.96	1,979.60	-46.94	-202.70	46.94	0.00	0.00	0.00
2,100.00	12.00	256.96	2,077.41	-51.63	-222.96	51.63	0.00	0.00	0.00
2,200.00	12.00	256.96	2,175.23	-56.32	-243.21	56.32	0.00	0.00	0.00
2,300.00	12.00	256.96	2,273.04	-61.01	-263.47	61.01	0.00	0.00	0.00
2,400.00	12.00	256.96	2,370.86	-65.70	-283.72	65.70	0.00	0.00	0.00
2,500.00	12.00	256.96	2,468.67	-70.40	-303.98	70.40	0.00	0.00	0.00
2,600.00	12.00	256.96	2,566.49	-75.09	-324.23	75.09	0.00	0.00	0.00
2,700.00	12.00	256.96	2,664.30	-79.78	-344.49	79.78	0.00	0.00	0.00
2,800.00	12.00	256.96	2,762.12	-84.47	-364.74	84.47	0.00	0.00	0.00
2,900.00	12.00	256.96	2,859.93	-89.16	-385.00	89.16	0.00	0.00	0.00
3,000.00	12.00	256.96	2,957.75	-93.85	-405.25	93.85	0.00	0.00	0.00
3,100.00	12.00	256.96	3,055.56	-98.54	-425.51	98.54	0.00	0.00	0.00
3,200.00	12.00	256.96	3,153.38	-103.23	-445.76	103.23	0.00	0.00	0.00
3,300.00	12.00	256.96	3,251.19	-107.92	-466.02	107.92	0.00	0.00	0.00
3,400.00	12.00	256.96	3,349.01	-112.61	-486.27	112.61	0.00	0.00	0.00
3,500.00	12.00	256.96	3,446.82	-117.30	-506.53	117.30	0.00	0.00	0.00
3,600.00	12.00	256.96	3,544.64	-121.99	-526.78	121.99	0.00	0.00	0.00
3,700.00	12.00	256.96	3,642.45	-126.68	-547.04	126.68	0.00	0.00	0.00
3,800.00	12.00	256.96	3,740.27	-131.38	-567.29	131.38	0.00	0.00	0.00
3,900.00	12.00	256.96	3,838.08	-136.07	-587.55	136.07	0.00	0.00	0.00
4,000.00	12.00	256.96	3,935.90	-140.76	-607.80	140.76	0.00	0.00	0.00
4,100.00	12.00	256.96	4,033.71	-145.45	-628.06	145.45	0.00	0.00	0.00
4,200.00	12.00	256.96	4,131.52	-150.14	-648.31	150.14	0.00	0.00	0.00
4,300.00	12.00	256.96	4,229.34	-154.83	-668.57	154.83	0.00	0.00	0.00
4,400.00	12.00	256.96	4,327.15	-159.52	-688.82	159.52	0.00	0.00	0.00
4,500.00	12.00	256.96	4,424.97	-164.21	-709.08	164.21	0.00	0.00	0.00
4,600.00	12.00	256.96	4,522.78	-168.90	-729.33	168.90	0.00	0.00	0.00
4,700.00	12.00	256.96	4,620.60	-173.59	-749.59	173.59	0.00	0.00	0.00
4,800.00	12.00	256.96	4,718.41	-178.28	-769.84	178.28	0.00	0.00	0.00
4,900.00	12.00	256.96	4,816.23	-182.97	-790.10	182.97	0.00	0.00	0.00
5,000.00	12.00	256.96	4,914.04	-187.66	-810.35	187.66	0.00	0.00	0.00
5,100.00	12.00	256.96	5,011.86	-192.35	-830.61	192.35	0.00	0.00	0.00



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
5,200.00	12.00	256.96	5,109.67	-197.05	-850.86	197.05	0.00	0.00	0.00
5,300.00	12.00	256.96	5,207.49	-201.74	-871.12	201.74	0.00	0.00	0.00
5,400.00	12.00	256.96	5,305.30	-206.43	-891.37	206.43	0.00	0.00	0.00
5,500.00	12.00	256.96	5,403.12	-211.12	-911.63	211.12	0.00	0.00	0.00
5,600.00	12.00	256.96	5,500.93	-215.81	-931.88	215.81	0.00	0.00	0.00
5,700.00	12.00	256.96	5,598.75	-220.50	-952.14	220.50	0.00	0.00	0.00
5,800.00	12.00	256.96	5,696.56	-225.19	-972.39	225.19	0.00	0.00	0.00
5,900.00	12.00	256.96	5,794.38	-229.88	-992.65	229.88	0.00	0.00	0.00
6,000.00	12.00	256.96	5,892.19	-234.57	-1,012.90	234.57	0.00	0.00	0.00
6,100.00	12.00	256.96	5,990.01	-239.26	-1,033.16	239.26	0.00	0.00	0.00
6,200.00	12.00	256.96	6,087.82	-243.95	-1,053.41	243.95	0.00	0.00	0.00
6,300.00	12.00	256.96	6,185.63	-248.64	-1,073.67	248.64	0.00	0.00	0.00
6,400.00	12.00	256.96	6,283.45	-253.33	-1,093.92	253.33	0.00	0.00	0.00
6,500.00	12.00	256.96	6,381.26	-258.03	-1,114.18	258.03	0.00	0.00	0.00
6,600.00	12.00	256.96	6,479.08	-262.72	-1,134.44	262.72	0.00	0.00	0.00
6,700.00	12.00	256.96	6,576.89	-267.41	-1,154.69	267.41	0.00	0.00	0.00
6,800.00	12.00	256.96	6,674.71	-272.10	-1,174.95	272.10	0.00	0.00	0.00
6,900.00	12.00	256.96	6,772.52	-276.79	-1,195.20	276.79	0.00	0.00	0.00
7,000.00	12.00	256.96	6,870.34	-281.48	-1,215.46	281.48	0.00	0.00	0.00
7,082.87	12.00	256.96	6,951.40	-285.37	-1,232.24	285.37	0.00	0.00	0.00
Start Drop 2°/100' DLS									
7,100.00	11.66	256.96	6,968.16	-286.16	-1,235.66	286.16	2.00	-2.00	0.00
7,200.00	9.66	256.96	7,066.43	-290.33	-1,253.68	290.33	2.00	-2.00	0.00
7,300.00	7.66	256.96	7,165.29	-293.73	-1,268.34	293.73	2.00	-2.00	0.00
7,400.00	5.66	256.96	7,264.61	-296.34	-1,279.64	296.34	2.00	-2.00	0.00
7,500.00	3.66	256.96	7,364.27	-298.17	-1,287.55	298.17	2.00	-2.00	0.00
7,600.00	1.66	256.96	7,464.16	-299.22	-1,292.06	299.22	2.00	-2.00	0.00
7,682.87	0.00	0.00	7,547.02	-299.49	-1,293.23	299.49	2.00	-2.00	124.34
Hold 0° Inc									
7,700.00	0.00	0.00	7,564.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
7,800.00	0.00	0.00	7,664.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
7,900.00	0.00	0.00	7,764.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,000.00	0.00	0.00	7,864.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,100.00	0.00	0.00	7,964.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,200.00	0.00	0.00	8,064.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,300.00	0.00	0.00	8,164.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,400.00	0.00	0.00	8,264.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,500.00	0.00	0.00	8,364.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,600.00	0.00	0.00	8,464.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,700.00	0.00	0.00	8,564.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,800.00	0.00	0.00	8,664.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
8,900.00	0.00	0.00	8,764.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,000.00	0.00	0.00	8,864.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,100.00	0.00	0.00	8,964.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,200.00	0.00	0.00	9,064.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,300.00	0.00	0.00	9,164.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,400.00	0.00	0.00	9,264.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,500.00	0.00	0.00	9,364.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,600.00	0.00	0.00	9,464.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,700.00	0.00	0.00	9,564.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,800.00	0.00	0.00	9,664.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
9,900.00	0.00	0.00	9,764.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
10,000.00	0.00	0.00	9,864.15	-299.49	-1,293.23	299.49	0.00	0.00	0.00
10,073.15	0.00	0.00	9,937.30	-299.49	-1,293.23	299.49	0.00	0.00	0.00



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

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)
KOP 10°/100' DLS - KOP BLN205									
10,100.00	2.69	179.58	9,964.14	-300.12	-1,293.23	300.12	10.00	10.00	0.00
10,150.00	7.69	179.58	10,013.92	-304.64	-1,293.19	304.64	10.00	10.00	0.00
10,200.00	12.69	179.58	10,063.12	-313.47	-1,293.13	313.47	10.00	10.00	0.00
10,250.00	17.69	179.58	10,111.36	-326.57	-1,293.03	326.57	10.00	10.00	0.00
10,300.00	22.69	179.58	10,158.27	-343.81	-1,292.91	343.81	10.00	10.00	0.00
10,350.00	27.69	179.58	10,203.50	-365.08	-1,292.75	365.08	10.00	10.00	0.00
10,400.00	32.69	179.58	10,246.71	-390.21	-1,292.57	390.21	10.00	10.00	0.00
10,450.00	37.69	179.58	10,287.56	-419.02	-1,292.36	419.02	10.00	10.00	0.00
10,500.00	42.69	179.58	10,325.75	-451.27	-1,292.12	451.27	10.00	10.00	0.00
10,550.00	47.69	179.58	10,360.98	-486.72	-1,291.86	486.72	10.00	10.00	0.00
10,600.00	52.69	179.58	10,392.98	-525.12	-1,291.58	525.12	10.00	10.00	0.00
10,650.00	57.69	179.58	10,421.52	-566.15	-1,291.28	566.15	10.00	10.00	0.00
10,700.00	62.69	179.58	10,446.37	-609.52	-1,290.97	609.52	10.00	10.00	0.00
10,750.00	67.69	179.58	10,467.35	-654.89	-1,290.64	654.89	10.00	10.00	0.00
10,800.00	72.69	179.58	10,484.29	-701.91	-1,290.29	701.91	10.00	10.00	0.00
10,850.00	77.69	179.58	10,497.07	-750.23	-1,289.94	750.23	10.00	10.00	0.00
10,900.00	82.69	179.58	10,505.59	-799.48	-1,289.58	799.48	10.00	10.00	0.00
10,950.00	87.69	179.58	10,509.79	-849.29	-1,289.22	849.29	10.00	10.00	0.00
10,955.95	88.28	179.58	10,510.00	-855.24	-1,289.17	855.24	10.00	10.00	0.00
FTP 10955.9' MD & 10510' TVD									
10,955.96	88.28	179.58	10,510.00	-855.24	-1,289.17	855.24	0.01	0.00	0.00
FTP BLN205									
11,000.00	88.28	179.58	10,511.32	-899.26	-1,288.85	899.26	0.00	0.00	0.00
11,100.00	88.28	179.58	10,514.32	-999.22	-1,288.12	999.22	0.00	0.00	0.00
11,200.00	88.28	179.58	10,517.33	-1,099.17	-1,287.39	1,099.17	0.00	0.00	0.00
11,300.00	88.28	179.58	10,520.33	-1,199.12	-1,286.66	1,199.12	0.00	0.00	0.00
11,400.00	88.28	179.58	10,523.33	-1,299.07	-1,285.94	1,299.07	0.00	0.00	0.00
11,455.95	88.28	179.58	10,525.01	-1,355.00	-1,285.53	1,355.00	0.00	0.00	0.00
500' FTP									
11,500.00	88.28	179.58	10,526.33	-1,399.03	-1,285.21	1,399.03	0.00	0.00	0.00
11,600.00	88.28	179.58	10,529.33	-1,498.98	-1,284.48	1,498.98	0.00	0.00	0.00
11,700.00	88.28	179.58	10,532.33	-1,598.93	-1,283.75	1,598.93	0.00	0.00	0.00
11,800.00	88.28	179.58	10,535.33	-1,698.88	-1,283.02	1,698.88	0.00	0.00	0.00
11,900.00	88.28	179.58	10,538.34	-1,798.84	-1,282.29	1,798.84	0.00	0.00	0.00
11,956.19	88.28	179.58	10,540.02	-1,855.00	-1,281.88	1,855.00	0.00	0.00	0.00
1000' FTP									
12,000.00	87.40	179.58	10,541.67	-1,898.78	-1,281.56	1,898.78	2.00	-2.00	0.00
12,087.69	85.65	179.58	10,546.98	-1,986.30	-1,280.92	1,986.30	2.00	-2.00	0.00
12,100.00	85.65	179.58	10,547.92	-1,998.57	-1,280.83	1,998.57	0.00	0.00	0.00
12,200.00	85.65	179.58	10,555.50	-2,098.28	-1,280.10	2,098.28	0.00	0.00	0.00
12,300.00	85.65	179.58	10,563.09	-2,197.99	-1,279.37	2,197.99	0.00	0.00	0.00
12,400.00	85.65	179.58	10,570.67	-2,297.70	-1,278.64	2,297.70	0.00	0.00	0.00
12,457.47	85.65	179.58	10,575.03	-2,355.00	-1,278.21	2,355.00	0.00	0.00	0.00
1500' FTP									
12,500.00	86.50	179.58	10,577.94	-2,397.43	-1,277.90	2,397.43	2.00	2.00	0.00
12,600.00	88.50	179.58	10,582.30	-2,497.33	-1,277.17	2,497.33	2.00	2.00	0.00
12,657.47	89.65	179.58	10,583.23	-2,554.79	-1,276.75	2,554.79	2.00	2.00	0.00
12,700.00	89.65	179.58	10,583.49	-2,597.32	-1,276.44	2,597.32	0.00	0.00	0.00
12,800.00	89.65	179.58	10,584.10	-2,697.31	-1,275.71	2,697.31	0.00	0.00	0.00
12,900.00	89.65	179.58	10,584.71	-2,797.31	-1,274.97	2,797.31	0.00	0.00	0.00
12,957.69	89.65	179.58	10,585.06	-2,855.00	-1,274.55	2,855.00	0.00	0.00	0.00
2000' FTP									



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

Planned Survey									
Measured Depth (usft)	Inclination (°)	Azimuth (°)	Vertical Depth (usft)	+N/-S (usft)	+E/-W (usft)	Vertical Section (usft)	Dogleg Rate (°/100usft)	Build Rate (°/100usft)	Turn Rate (°/100usft)
13,000.00	88.80	179.58	10,585.63	-2,897.30	-1,274.24	2,897.30	2.00	-2.00	0.00
13,100.00	86.80	179.58	10,589.47	-2,997.22	-1,273.51	2,997.22	2.00	-2.00	0.00
13,200.00	84.80	179.58	10,596.78	-3,096.94	-1,272.78	3,096.94	2.00	-2.00	0.00
13,260.19	83.60	179.58	10,602.86	-3,156.83	-1,272.34	3,156.83	2.00	-2.00	0.00
13,300.00	83.60	179.58	10,607.30	-3,196.38	-1,272.05	3,196.38	0.00	0.00	0.00
13,400.00	83.60	179.58	10,618.45	-3,295.76	-1,271.32	3,295.76	0.00	0.00	0.00
13,459.61	83.60	179.58	10,625.09	-3,355.00	-1,270.88	3,355.00	0.00	0.00	0.00
2500' FTP									
13,466.12	83.73	179.58	10,625.81	-3,361.46	-1,270.84	3,361.46	2.00	2.00	0.00
13,500.00	83.73	179.58	10,629.51	-3,395.14	-1,270.59	3,395.14	0.00	0.00	0.00
13,600.00	83.73	179.58	10,640.43	-3,494.54	-1,269.86	3,494.54	0.00	0.00	0.00
13,700.00	83.73	179.58	10,651.35	-3,593.94	-1,269.13	3,593.94	0.00	0.00	0.00
13,800.00	83.73	179.58	10,662.28	-3,693.34	-1,268.40	3,693.34	0.00	0.00	0.00
13,900.00	83.73	179.58	10,673.20	-3,792.74	-1,267.68	3,792.74	0.00	0.00	0.00
13,962.64	83.73	179.58	10,680.04	-3,855.00	-1,267.22	3,855.00	0.00	0.00	0.00
3000' FTP									
14,000.00	82.98	179.58	10,684.36	-3,892.11	-1,266.95	3,892.11	2.00	-2.00	0.00
14,092.14	81.14	179.58	10,697.09	-3,983.36	-1,266.28	3,983.36	2.00	-2.00	0.00
14,100.00	81.14	179.58	10,698.30	-3,991.13	-1,266.22	3,991.13	0.00	0.00	0.00
14,200.00	81.14	179.58	10,713.70	-4,089.93	-1,265.50	4,089.93	0.00	0.00	0.00
14,300.00	81.14	179.58	10,729.10	-4,188.73	-1,264.77	4,188.73	0.00	0.00	0.00
14,400.00	81.14	179.58	10,744.50	-4,287.54	-1,264.05	4,287.54	0.00	0.00	0.00
14,468.28	81.14	179.58	10,755.02	-4,355.00	-1,263.55	4,355.00	0.00	0.00	0.00
3500' FTP									
14,500.00	80.51	179.58	10,760.08	-4,386.32	-1,263.32	4,386.32	2.00	-2.00	0.00
14,600.00	78.51	179.58	10,778.29	-4,484.63	-1,262.60	4,484.63	2.00	-2.00	0.00
14,610.78	78.29	179.58	10,780.46	-4,495.19	-1,262.53	4,495.19	2.00	-2.00	0.00
14,700.00	78.29	179.58	10,798.57	-4,582.55	-1,261.89	4,582.55	0.00	0.00	0.00
14,800.00	78.29	179.58	10,818.86	-4,680.47	-1,261.17	4,680.47	0.00	0.00	0.00
14,900.00	78.29	179.58	10,839.16	-4,778.39	-1,260.45	4,778.39	0.00	0.00	0.00
14,978.24	78.29	179.58	10,855.04	-4,855.00	-1,259.89	4,855.00	0.00	0.00	0.00
4000' FTP									
15,000.00	78.73	179.58	10,859.37	-4,876.32	-1,259.73	4,876.32	2.00	2.00	0.00
15,100.00	80.73	179.58	10,877.21	-4,974.71	-1,259.01	4,974.71	2.00	2.00	0.00
15,200.00	82.73	179.58	10,891.60	-5,073.66	-1,258.29	5,073.66	2.00	2.00	0.00
15,300.00	84.73	179.58	10,902.53	-5,173.05	-1,257.56	5,173.05	2.00	2.00	0.00
15,388.74	86.50	179.58	10,909.32	-5,261.53	-1,256.91	5,261.53	2.00	2.00	0.00
15,400.00	86.50	179.58	10,910.01	-5,272.77	-1,256.83	5,272.77	0.00	0.00	0.00
15,482.39	86.50	179.58	10,915.04	-5,355.00	-1,256.22	5,355.00	0.00	0.00	0.00
4500' FTP									
15,500.00	86.85	179.58	10,916.06	-5,372.58	-1,256.09	5,372.58	2.00	2.00	0.00
15,515.39	87.16	179.58	10,916.86	-5,387.95	-1,255.98	5,387.95	2.00	2.00	0.00
15,600.00	87.16	179.58	10,921.05	-5,472.45	-1,255.36	5,472.45	0.00	0.00	0.00
15,700.00	87.16	179.58	10,926.01	-5,572.33	-1,254.63	5,572.33	0.00	0.00	0.00
15,800.00	87.16	179.58	10,930.96	-5,672.20	-1,253.90	5,672.20	0.00	0.00	0.00
15,900.00	87.16	179.58	10,935.92	-5,772.08	-1,253.17	5,772.08	0.00	0.00	0.00
15,983.03	87.16	179.58	10,940.03	-5,855.00	-1,252.56	5,855.00	0.00	0.00	0.00
5000' FTP									
16,000.00	87.50	179.58	10,940.82	-5,871.95	-1,252.43	5,871.95	2.00	2.00	0.00
16,076.53	89.03	179.58	10,943.14	-5,948.44	-1,251.87	5,948.44	2.00	2.00	0.00
16,100.00	89.03	179.58	10,943.54	-5,971.91	-1,251.70	5,971.91	0.00	0.00	0.00
16,200.00	89.03	179.58	10,945.23	-6,071.89	-1,250.97	6,071.89	0.00	0.00	0.00
16,300.00	89.03	179.58	10,946.92	-6,171.88	-1,250.24	6,171.88	0.00	0.00	0.00



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

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)
16,400.00	89.03	179.58	10,948.62	-6,271.86	-1,249.50	6,271.86	0.00	0.00	0.00
16,483.16	89.03	179.58	10,950.02	-6,355.00	-1,248.89	6,355.00	0.00	0.00	0.00
5500' FTP									
16,500.00	89.37	179.58	10,950.26	-6,371.84	-1,248.77	6,371.84	2.00	2.00	0.00
16,600.00	91.37	179.58	10,949.62	-6,471.83	-1,248.04	6,471.83	2.00	2.00	0.00
16,688.16	93.13	179.58	10,946.16	-6,559.91	-1,247.39	6,559.91	2.00	2.00	0.00
16,700.00	93.13	179.58	10,945.51	-6,571.74	-1,247.30	6,571.74	0.00	0.00	0.00
16,800.00	93.13	179.58	10,940.05	-6,671.59	-1,246.57	6,671.59	0.00	0.00	0.00
16,900.00	93.13	179.58	10,934.59	-6,771.44	-1,245.84	6,771.44	0.00	0.00	0.00
16,983.69	93.13	179.58	10,930.02	-6,855.00	-1,245.23	6,855.00	0.00	0.00	0.00
6000' FTP									
16,999.19	93.44	179.58	10,929.13	-6,870.47	-1,245.11	6,870.47	2.00	2.00	0.00
17,100.00	93.44	179.58	10,923.09	-6,971.10	-1,244.38	6,971.10	0.00	0.00	0.00
17,200.00	93.44	179.58	10,917.09	-7,070.92	-1,243.64	7,070.92	0.00	0.00	0.00
17,300.00	93.44	179.58	10,911.09	-7,170.73	-1,242.91	7,170.73	0.00	0.00	0.00
17,400.00	93.44	179.58	10,905.08	-7,270.55	-1,242.18	7,270.55	0.00	0.00	0.00
17,484.60	93.44	179.58	10,900.01	-7,355.00	-1,241.56	7,355.00	0.00	0.00	0.00
6500' FTP									
17,500.00	93.13	179.58	10,899.13	-7,370.37	-1,241.45	7,370.37	2.00	-2.00	0.00
17,514.60	92.84	179.58	10,898.37	-7,384.95	-1,241.34	7,384.95	2.00	-2.00	0.00
17,600.00	92.84	179.58	10,894.13	-7,470.24	-1,240.72	7,470.24	0.00	0.00	0.00
17,700.00	92.84	179.58	10,889.18	-7,570.12	-1,239.99	7,570.12	0.00	0.00	0.00
17,800.00	92.84	179.58	10,884.22	-7,669.99	-1,239.25	7,669.99	0.00	0.00	0.00
17,900.00	92.84	179.58	10,879.27	-7,769.87	-1,238.52	7,769.87	0.00	0.00	0.00
17,985.24	92.84	179.58	10,875.05	-7,855.00	-1,237.90	7,855.00	0.00	0.00	0.00
7000' FTP									
18,000.00	92.54	179.58	10,874.35	-7,869.74	-1,237.79	7,869.74	2.00	-2.00	0.02
18,072.66	91.09	179.60	10,872.05	-7,942.36	-1,237.27	7,942.36	2.00	-2.00	0.02
18,100.00	91.09	179.60	10,871.53	-7,969.70	-1,237.08	7,969.70	0.00	0.00	0.00
18,200.00	91.09	179.60	10,869.62	-8,069.68	-1,236.38	8,069.68	0.00	0.00	0.00
18,300.00	91.09	179.60	10,867.72	-8,169.66	-1,235.68	8,169.66	0.00	0.00	0.00
18,400.00	91.09	179.60	10,865.81	-8,269.63	-1,234.98	8,269.63	0.00	0.00	0.00
18,500.00	91.09	179.60	10,863.90	-8,369.61	-1,234.28	8,369.61	0.00	0.00	0.00
18,600.00	91.09	179.60	10,862.00	-8,469.59	-1,233.58	8,469.59	0.00	0.00	0.00
18,704.92	91.09	179.60	10,860.00	-8,574.49	-1,232.84	8,574.49	0.00	0.00	0.00
PBHL 18704.9' MD & 10860' TVD - PBHL BLN205									

Design Targets									
Target Name									
- hit/miss target	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- Shape									
KOP BLN205	0.00	0.00	9,937.30	-299.49	-1,293.23	486,460.00	750,406.61	32.33478948	-103.52260830
- plan hits target center									
- Point									
FTP BLN205	0.00	0.00	10,510.00	-855.24	-1,289.06	485,904.25	750,410.78	32.33326181	-103.52260841
- plan misses target center by 0.12usft at 10955.96usft MD (10510.00 TVD, -855.24 N, -1289.17 E)									
- Point									
PBHL BLN205	0.00	0.00	10,860.00	-8,574.49	-1,232.84	478,185.00	750,467.00	32.31204293	-103.52261549
- plan hits target center									
- Point									



Planning Report

Kaiser-Francis Oil Company

Database:	1 - EDM Production	Local Co-ordinate Reference:	Well BELL LAKE UNIT N. 205H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3521.90usft (CAC 169)
Site:	SEC 1-T23S-R33E	North Reference:	Grid
Well:	BELL LAKE UNIT N. 205H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 3		

Plan Annotations

Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
800.00	800.00	0.00	0.00	Start Nudge 3°/100' DLS
1,200.00	1,197.08	-9.42	-40.66	Hold 12° Inc
7,082.87	6,951.40	-285.37	-1,232.24	Start Drop 2°/100' DLS
7,682.87	7,547.02	-299.49	-1,293.23	Hold 0° Inc
10,073.15	9,937.30	-299.49	-1,293.23	KOP 10°/100' DLS
10,955.95	10,510.00	-855.24	-1,289.17	FTP 10955.9' MD & 10510' TVD
11,455.95	10,525.01	-1,355.00	-1,285.53	500' FTP
11,956.19	10,540.02	-1,855.00	-1,281.88	1000' FTP
12,457.47	10,575.03	-2,355.00	-1,278.21	1500' FTP
12,957.69	10,585.06	-2,855.00	-1,274.55	2000' FTP
13,459.61	10,625.09	-3,355.00	-1,270.88	2500' FTP
13,962.64	10,680.04	-3,855.00	-1,267.22	3000' FTP
14,468.28	10,755.02	-4,355.00	-1,263.55	3500' FTP
14,978.24	10,855.04	-4,855.00	-1,259.89	4000' FTP
15,482.39	10,915.04	-5,355.00	-1,256.22	4500' FTP
15,983.03	10,940.03	-5,855.00	-1,252.56	5000' FTP
16,483.16	10,950.02	-6,355.00	-1,248.89	5500' FTP
16,983.69	10,930.02	-6,855.00	-1,245.23	6000' FTP
17,484.60	10,900.01	-7,355.00	-1,241.56	6500' FTP
17,985.24	10,875.05	-7,855.00	-1,237.90	7000' FTP
18,704.92	10,860.00	-8,574.49	-1,232.84	PBHL 18704.9' MD & 10860' 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 154292

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 154292
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	10/28/2022