

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

WELL API NO. 30-025-47735
5. Indicate Type of Lease STATE ☐ FEE ☐
6. State Oil & Gas Lease No.
7. Lease Name or Unit Agreement Name Bell Lake Unit South
8. Well Number : 325H
9. OGRID Number 12361
10. Pool name or Wildcat Bell Lake Bone Spring South 98264

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 ☐
2. Name of Operator Kaiser-Francis Oil Company
3. Address of Operator P.O. Box 21468, Tulsa, OK 74121-1468
4. Well Location Unit Letter <u>L</u> : <u>2330</u> feet from the <u>South</u> line and <u>290</u> feet from the <u>West</u> line Section 6 Township 24S Range 34E NMPM Lea County
11. Elevation 3622

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 ☐ Other ☐
 CLOSED-LOOP SYSTEM ☐

SUBSEQUENT REPORT OF:
 REMEDIAL WORK ☐ ALTERING CASING ☐
 COMMENCE DRILLING OPNS. ☐ P AND A ☐
 CASING/CEMENT JOB ☐
 OTHER: ☐

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 is planning to change the name, targeted formation, and casing setting depths for the Bell lake Unit South 325H API #30-025-47735.

Request to change name to the: Bell Lake Unit South 425H.

Request to change target formation from Bell Lake Bone Spring South pool code 98264 to Bell Lake Wolfcamp South pool code 98266.

Request to change production casing setting depth to TVD 11,700' MD 19,678.28'
 Cement planned for the production casing 1200 Sacks Class H. Estimated TOC Surf.

Spud Date:

Rig Release Date:

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

SIGNATURE Eric Hansen TITLE Petroleum Engineer DATE 6/4/2021
 Type or print name Eric Hansen E-mail address: EricH@KFOC.net PHONE: 9184914339
 For State Use Only

APPROVED BY: P. Kautz TITLE DATE 06/07/2021
 Conditions of Approval (if any):

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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 30-025-47735	² Pool Code 98266	³ Pool Name Bell Lake Wolfcamp South
⁴ Property Code 316706	⁵ Property Name BELL LAKE UNIT SOUTH	⁶ Well Number 425H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL CO.	⁹ Elevation 3622.6

¹⁰ Surface Location

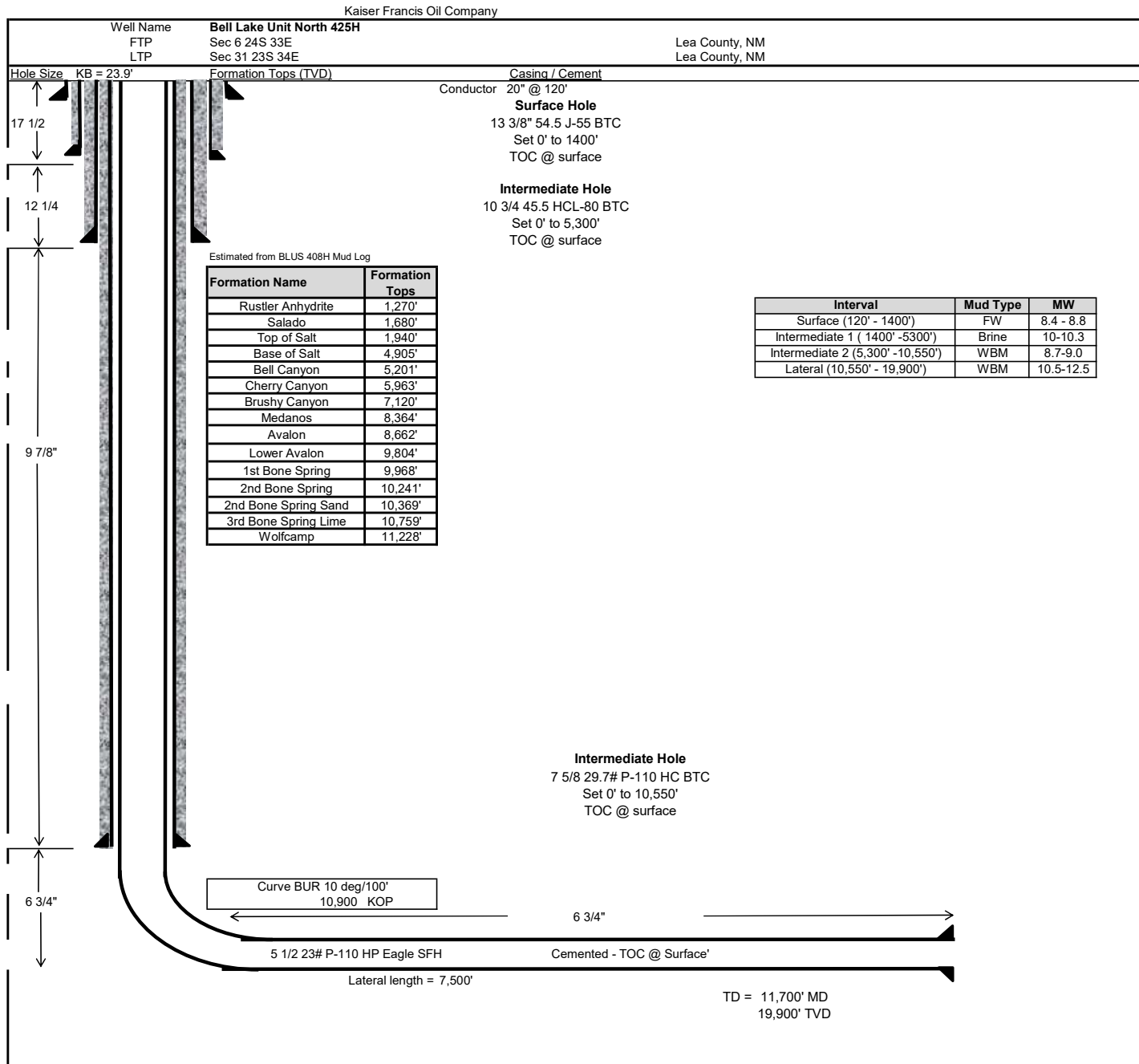
UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
6	6	24 S	34 E		2110	SOUTH	290	WEST	LEA

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
1	31	23 S	34 E		100	NORTH	874	WEST	LEA
¹² Dedicated Acres 472.66	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-14601						

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.

		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. <u>Eric Hansen</u> 6/4/21 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. APRIL 20, 2021 Date of Survey _____ Signature and Seal of Professional Surveyor: _____ Certificate Number: _____		Signature and Seal of Professional Surveyor: _____ Certificate Number: _____





KAISER FRANCIS OIL CO.

LEA COUNTY, N.M. 27

SEC 6-T24S-R34E

BELL LAKE UNIT S. 425H

HORIZONTAL

Plan: PLAN 1

Standard Planning Report

04 June, 2021

Kaiser-Francis Oil Company



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 425H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3646.10usft (CAC 170)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3646.10usft (CAC 170)
Site:	SEC 6-T24S-R34E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 425H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 1		

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 6-T24S-R34E		
Site Position:		Northing:	454,484.67 usft
From:	Map	Easting:	753,923.29 usft
Position Uncertainty:	0.00 usft	Slot Radius:	13-3/16 "
		Latitude:	32.24683
		Longitude:	-103.51202
		Grid Convergence:	0.44 °

Well	BELL LAKE UNIT S. 425H		
Well Position	+N/-S	-669.74 usft	Northing: 453,814.93 usft
	+E/-W	-1,259.61 usft	Easting: 752,663.68 usft
Position Uncertainty	0.00 usft	Wellhead Elevation:	3,622.60 usft
		Latitude:	32.24501
		Longitude:	-103.51611
		Ground Level:	3,622.60 usft

Wellbore	HORIZONTAL				
Magnetics	Model Name	Sample Date	Declination (°)	Dip Angle (°)	Field Strength (nT)
	IGRF2020	06/03/21	6.52	59.93	47,513.83095788

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

Plan Survey Tool Program	Date	06/04/21		
Depth From (usft)	Depth To (usft)	Survey (Wellbore)	Tool Name	Remarks
1	0.00	19,678.28	PLAN 1 (HORIZONTAL)	MWD
				OWSG MWD - Standard

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	
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00	
2,466.67	7.00	54.16	2,465.51	16.67	23.08	1.50	1.50	0.00	54.16	
5,120.14	7.00	54.16	5,099.20	206.00	285.24	0.00	0.00	0.00	0.00	
5,586.80	0.00	0.00	5,564.70	222.67	308.32	1.50	-1.50	0.00	180.00	
11,312.84	0.00	0.00	11,290.74	222.67	308.32	0.00	0.00	0.00	0.00	KOP 425H
11,955.70	90.00	359.56	11,700.00	631.91	305.15	14.00	14.00	-0.07	359.56	
19,678.28	90.00	359.56	11,700.00	8,354.27	245.32	0.00	0.00	0.00	0.00	PBHL 425H



SB Directional Services

Planning Report

Kaiser-Francis Oil Company

Database:	EDM 5000.15 Single User Db	Local Co-ordinate Reference:	Well BELL LAKE UNIT S. 425H
Company:	KAISER FRANCIS OIL CO.	TVD Reference:	GE+23.5 @ 3646.10usft (CAC 170)
Project:	LEA COUNTY, N.M. 27	MD Reference:	GE+23.5 @ 3646.10usft (CAC 170)
Site:	SEC 6-T24S-R34E	North Reference:	Grid
Well:	BELL LAKE UNIT S. 425H	Survey Calculation Method:	Minimum Curvature
Wellbore:	HORIZONTAL		
Design:	PLAN 1		

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
2,000.00	0.00	0.00	2,000.00	0.00	0.00	0.00	0.00	0.00	0.00
Start Nudge 2° DLS									
2,466.67	7.00	54.16	2,465.51	16.67	23.08	16.67	1.50	1.50	0.00
Hold 7° Inc									
5,120.14	7.00	54.16	5,099.20	206.00	285.24	206.00	0.00	0.00	0.00
Start Drop 1.5° DLS									
5,586.80	0.00	0.00	5,564.70	222.67	308.32	222.67	1.50	-1.50	-11.61
Hold 0° Inc									
11,312.84	0.00	0.00	11,290.74	222.67	308.32	222.67	0.00	0.00	0.00
KOP 14° DLS									
11,955.70	90.00	359.56	11,700.00	631.92	305.15	631.92	14.00	14.00	0.00
FTP 11955.70' MD & 11700.00' TVD									
19,678.28	90.00	359.56	11,700.00	8,354.27	245.32	8,354.27	0.00	0.00	0.00
PBHL 19678.28' MD & 11700.00' TVD									

Design Targets									
Target Name	Dip Angle (°)	Dip Dir. (°)	TVD (usft)	+N/-S (usft)	+E/-W (usft)	Northing (usft)	Easting (usft)	Latitude	Longitude
- hit/miss target									
- Shape									
KOP 425H	0.00	0.00	11,290.74	222.67	308.32	454,037.60	752,972.00	32.24562	-103.51511
- plan hits target center									
- Point									
FTP 425H	0.00	0.00	11,700.00	631.93	304.99	454,446.86	752,968.67	32.24674	-103.51511
- plan misses target center by 0.16usft at 11955.70usft MD (11700.00 TVD, 631.92 N, 305.15 E)									
- Point									
PBHL 425H	0.00	0.00	11,700.00	8,354.27	245.32	462,169.20	752,909.00	32.26797	-103.51511
- plan hits target center									
- Point									

Plan Annotations				
Measured Depth (usft)	Vertical Depth (usft)	Local Coordinates		Comment
		+N/-S (usft)	+E/-W (usft)	
2,000.00	2,000.00	0.00	0.00	Start Nudge 2° DLS
2,466.67	2,465.51	16.67	23.08	Hold 7° Inc
5,120.14	5,099.20	206.00	285.24	Start Drop 1.5° DLS
5,586.80	5,564.70	222.67	308.32	Hold 0° Inc
11,312.84	11,290.74	222.67	308.32	KOP 14° DLS
11,955.70	11,700.00	631.92	305.15	FTP 11955.70' MD & 11700.00' TVD
19,678.28	11,700.00	8,354.27	245.32	PBHL 19678.28' MD & 11700.00' TVD

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1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 23518

CONDITIONS

Operator: KAISER-FRANCIS OIL CO P.O. Box 21468 Tulsa, OK 74121	OGRID: 12361
	Action Number: 23518
	Action Type: [C-103] NOI Change of Plans (C-103A)

CONDITIONS

Created By	Condition	Condition Date
pkautz	None	6/7/2021