

**CASE NO. 23212**

**APPLICATION OF KAISER-FRANCIS OIL COMPANY  
FOR COMPULSORY POOLING, LEA COUNTY, NEW MEXICO**

**EXHIBITS**

1. Application and Proposed Notice
2. Landman's Affidavit
- 3 Geologist's Affidavits
4. Affidavit of Notice
5. Pooling Checklist

**BEFORE THE NEW MEXICO OIL CONSERVATION DIVISION****APPLICATION OF KAISER-FRANCIS OIL  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.**Case No. 23212**APPLICATION**

Kaiser-Francis Oil Company applies for an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the SE/4 of Section 5 and the E/2 of Section 8, Township 24 South, Range 34 East, N.M.P.M., and in support thereof, states:

1. Applicant is an interest owner in the SE/4 of Section 5 and the E/2 of Section 8, and has the right to drill a well or wells thereon.

2. Applicant proposes to drill the following wells to depths sufficient to test the Wolfcamp formation, and dedicate the SE/4 of Section 5 and the E/2 of Section 8, containing 480.00 acres, to the wells:

- (a) The Bell Lake Unit South Well No. 417H, with a first take point in the NW/4SE/4 of Section 5 and a last take point in the SW/4SE/4 of Section 8; and
- (b) The Bell Lake Unit South Well No. 418H, with a first take point in the NE/4SE/4 of Section 5 and a last take point in the SE/4SE/4 of Section 8.

The wells are in the Bell Lake; Wolfcamp, South Pool.

3. Applicant has in good faith sought to obtain the voluntary joinder of all other mineral interest owners in the Wolfcamp formation underlying the SE/4 of Section 5 and the E/2 of Section 8 for the purposes set forth herein.

4. Although applicant attempted to obtain voluntary agreements from all mineral interest owners to participate in the drilling of the wells or to otherwise commit their interests to

EXHIBIT

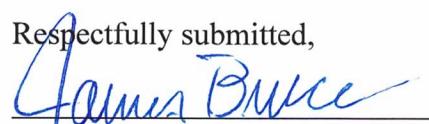
the wells, certain interest owners have failed or refused to join in dedicating their interests. Therefore, applicant seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the SE/4 of Section 5 and the E/2 of Section 8, pursuant to NMSA 1978 §70-2-17.

5. The pooling all mineral interest owners in the Wolfcamp formation underlying the SE/4 of Section 5 and the E/2 of Section 8 will prevent the drilling of unnecessary wells, prevent waste, and protect correlative rights.

**WHEREFORE**, applicant requests that, after notice and hearing, the Division enter its order:

- A. Pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying the SE/4 of Section 5 and the E/2 of Section 8;
- B. Designating applicant as operator of the wells;
- C. Considering the cost of drilling, completing, and equipping the wells and allocating the cost among the wells' working interest owners;
- D. Approving actual operating charges and costs charged for supervision, together with a provision adjusting the rates pursuant to the COPAS accounting procedure; and
- E. Setting a cost plus 200% charge for the risk involved in drilling, completing, and equipping the wells in the event a working interest owner elects not to participate in the wells.

Respectfully submitted,



James Bruce  
Post Office Box 1056  
Santa Fe, New Mexico 87504  
(505) 982-2043

Attorney for Kaiser-Francis Oil Company

***Application of Kaiser-Francis Oil Company for compulsory pooling, Lea County, New Mexico.*** Kaiser-Francis Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the SE/4 of Section 5 and the E/2 of Section 8, Township 24 South, Range 34 East, N.M.P.M. The unit will be dedicated to (a) The Bell Lake Unit South Well No. 417H, with a first take point in the NW/4SE/4 of Section 5 and a last take point in the SW/4SE/4 of Section 8; and (b) The Bell Lake Unit South Well No. 418H, with a first take point in the NE/4SE/4 of Section 5 and a last take point in the SE/4SE/4 of Section 8. Also to be considered will be the cost of drilling, completing, and equipping the wells and the allocation of the cost thereof, as well as actual operating costs and charges for supervision, designation of applicant as operator of the wells, and a cost plus 200% charge for the risk involved in drilling, completing, and equipping the wells. The unit is located approximately 21-1/2 miles southwest of Eunice, New Mexico.

**STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION**

**IN THE MATTER OF THE HEARING CALLED  
BY THE OIL CONSERVATION DIVISION FOR  
THE PURPOSE OF CONSIDERING:**

**APPLICATION OF KAISER-FRANCIS OIL  
COMPANY COMPULSORY POOLING, LEA  
COUNTY, NEW MEXICO.**

**Case No. 23212**

**VERIFIED STATEMENT OF BRENDON KUSHNERICK**

Brendon Kushnerick, being duly sworn upon his oath, deposes and states:

1. I am a landman for Kaiser-Francis Oil Company ("KFOC"), and have personal knowledge of the matters stated herein. I have been qualified by the Division as an expert petroleum landman.

2. The following information is submitted in support of the compulsory pooling application filed herein:

(a) The purpose of this application is to force pool working interest owners into the Wolfcamp horizontal spacing unit described below, and in wells to be drilled in the unit.

(b) No opposition is expected because the interest owners being pooled have been contacted regarding the proposed well, but have failed or refused to voluntarily commit their interests to the well.

(c) A plat outlining the unit being pooled is attached hereto as Attachment A. KFOC seeks an order pooling the Wolfcamp formation underlying a horizontal spacing unit comprised of the SE/4 of Section 5 and the E/2 of Section 8, Township 24 South, Range 34 East, NMPM, containing 480 acres.

(i) Pool Code: 98266 Pool Name: Bell Lake; Wolfcamp, South Pool, to be dedicated to the Bell Lake Unit South 417H. The well is a horizontal well with a first take point in NW/4 SE/4 of Section 5 and final take point in SW/4 SE/4 of Section 8.  
SHL: 2,224' FNL and 1,398' FEL of Section 5 24S-34E  
BHL: 103' FSL and 2,250' FEL of Section 8 24S-34E  
19,603' MD / 11,615' TVD

(ii) Pool Code: 98266 Pool Name: Bell Lake; Wolfcamp, South Pool, to be dedicated to the Bell Lake Unit South 418H. The well is a horizontal well with a

EXHIBIT

2

first take point in NE/4 SE/4 of Section 5 and final take point in SE/4 SE/4 of Section 8.

SHL: 2,167' FNL and 319' FEL of Section 5 24S-34E

BHL: 86' FNL and 988' FEL of Section 8 24S-34E

19,685' MD / 11,684' TVD

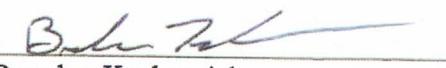
A C-102 for each well is attached as Attachment B.

- (d) There is no depth severance in the Wolfcamp formation.
- (d) The party being pooled and their interests are set forth in Attachment C. Their current and correct address are also set forth.
- (e) There were no unlocatable interest owners.
- (f) Attachment D contains a summary of contacts or attempted contacts with the interest owners, together with copies of the proposal letters sent to the interest owners.
- (g) KFOC has made a good faith effort to obtain the voluntary joinder of the working interest owners in the proposed wells.
- (h) KFOC has the right to pool the overriding royalty owners in the well unit.
- (i) Attachment E contains the Authorizations for Expenditure for the proposed well. The estimated cost of the well set forth therein is fair and reasonable, and are comparable to the costs of other wells of similar depth and length drilled in this area of Lea County.
- (j) KFOC requests overhead and administrative rates of \$8,000.00/month for a drilling well and \$800.00/month for a producing well. These rates are fair, and are comparable to the rates charged by other operators for wells of this type in this portion of Lea County. They are also the rates set forth in the Joint Operating Agreement for the well unit. KFOC requests that these rates be adjusted periodically as provided in the COPAS Accounting Procedure.
- (k) KFOC requests that the maximum cost plus 200% risk charge be assessed against non-consenting working interest owners.
- (l) KFOC requests that it be designated operator of the well.
- (m) The attachments to this affidavit were prepared by me, or compiled from company business records.
- (n) The granting of this application is in the interests of conservation and the prevention of waste.

VERIFICATION

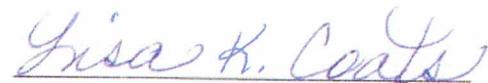
STATE OF OKLHOMA )  
                      )  
COUNTY OF TULSA ) ss.  
                      )

Brendon Kushnerick, being duly sworn upon his oath, deposes and states that: He is a landman for Kaiser-Francis Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

  
Brendon Kushnerick

SUBSCRIBED AND SWORN TO before me this 11<sup>th</sup> day of November, 2022 by  
Brendon Kushnerick.

My Commission Expires: 9-15-2023

  
Lisa K. Coats  
Notary Public

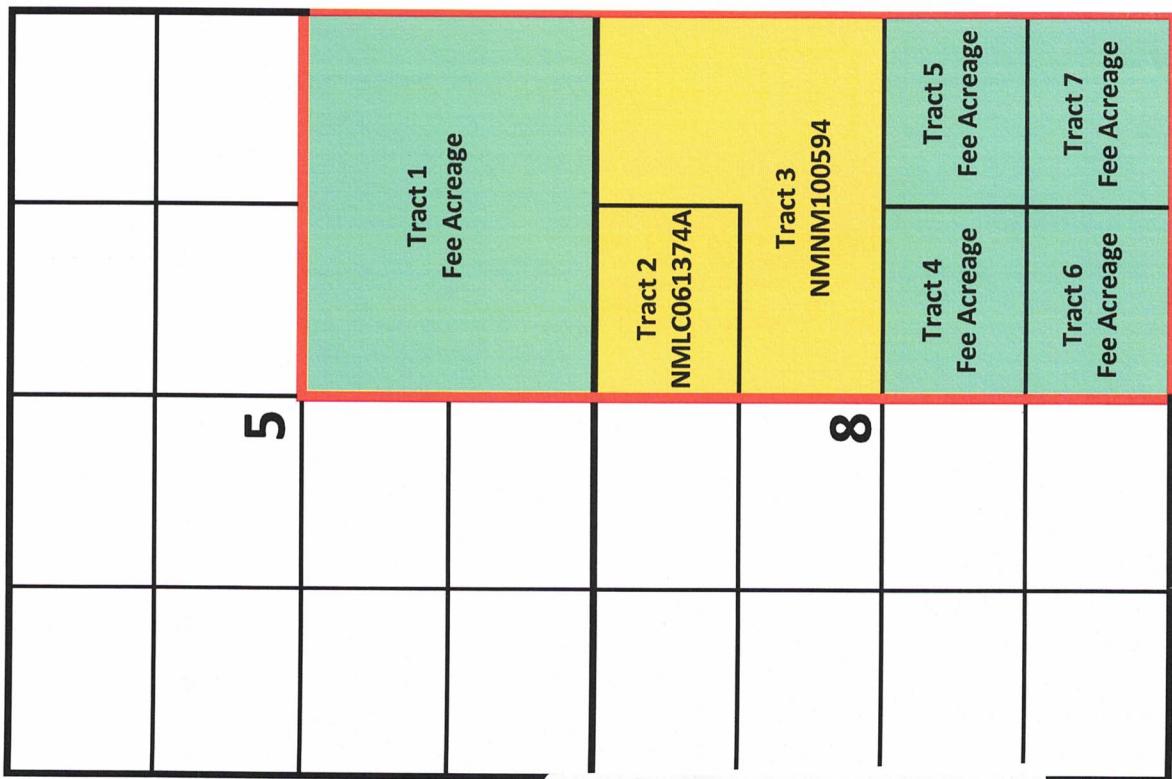


KAISER-FRANCIS OIL CO. CD:

## Fee Acreage

Federal Lease

**Bell Lake Unit South 417H & 418H  
SE/4 Sec 5 & E/2 Sec 8 24S-34E**  
**Horizontal Spacing Unit**



## ATTACHMENT

A

**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) 476-3461

**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

WELL LOCATION AND ACREAGE DEDICATION PLAT			
<sup>1</sup> API Number 30-025-48213	<sup>2</sup> Pool Code 98266	<sup>3</sup> Pool Name Bell Lake; Wolfcamp, South	
<sup>4</sup> Property Code 316707	<sup>5</sup> Property Name <b>BELL LAKE UNIT SOUTH</b>		<sup>6</sup> Well Number <b>417H</b>
<sup>7</sup> OGRID No. <b>12361</b>	<sup>8</sup> Operator Name <b>KAISER-FRANCIS OIL CO.</b>		<sup>9</sup> Elevation <b>3583.3</b>

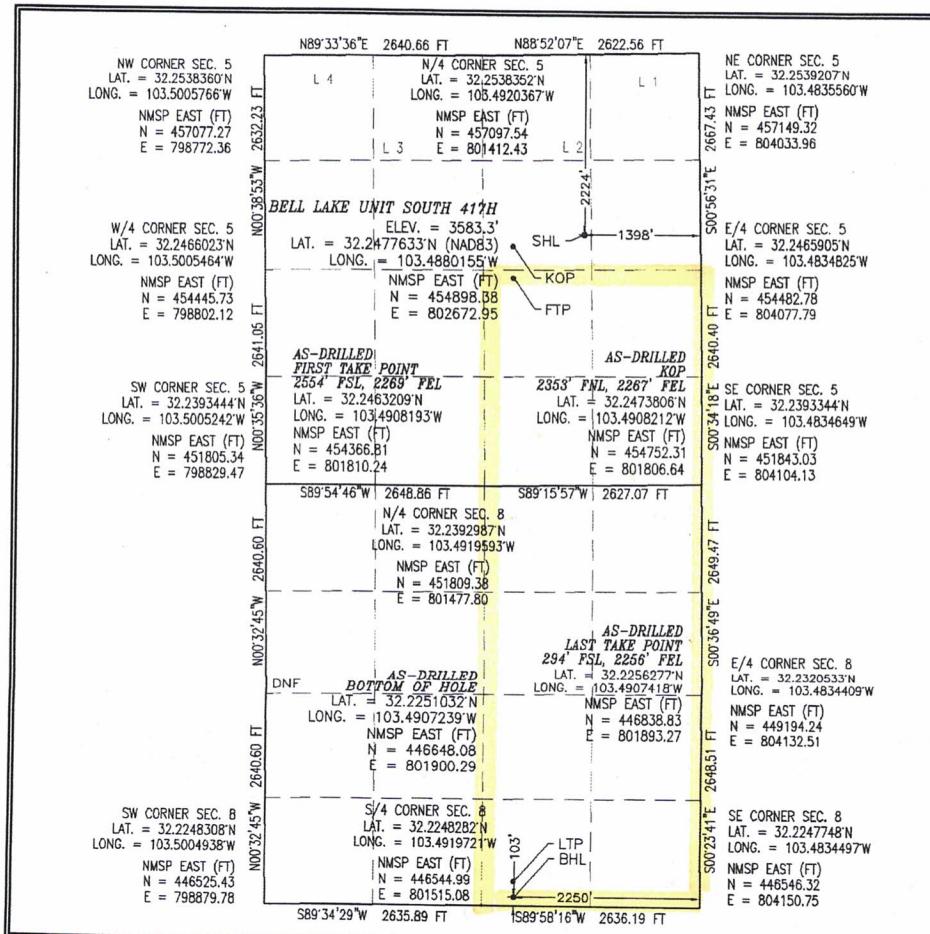
<sup>10</sup> Surface Location

UL or lot no. <b>G</b>	Section <b>5</b>	Township <b>24 S</b>	Range <b>34 E</b>	Lot Idn 	Feet from the <b>2224</b>	North/South line <b>NORTH</b>	Feet from the <b>1398</b>	East/West line <b>EAST</b>	County <b>LEA</b>
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<sup>11</sup> Bottom Hole Location If Different From Surface

UL or lot no. O	Section 8	Township 24 S	Range 34 E	Lot Idn 103	Feet from the North/South line SOUTH	Feet from the East/West line 2250	County LEA
<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code			<sup>15</sup> 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.*

Christina Opfer 3/8/22

3/8/22

Christina

Christina@Gmail.com

Christina

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**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.

FEBRUARY 17, 2022

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**Date of Survey**

*ALMOND*

~~Signature and Seal of Dr. [unclear]~~

Signature and Seal of Professional Surveyor:

Certificate Number: **PHILIP MONTEAGUE, PLS 12791**

ENTRANCE NO 6774A

## ATTACHMENT

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

**District II**  
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 Phone: (575) 748-1283 Fax: (575) 748-9720

**District III**  
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 Phone: (505) 476-3460 Fax: (505) 476-3462

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

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

AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

<sup>1</sup> API Number 30-025-48261	<sup>2</sup> Pool Code 98266	<sup>3</sup> Pool Name Bell Lake; Wolfcamp, South
<sup>4</sup> Property Code 316707	<sup>5</sup> Property Name <b>BELL LAKE UNIT SOUTH</b>	<sup>6</sup> Well Number 418H
<sup>7</sup> OGRID No. 12361	<sup>8</sup> Operator Name <b>KAISER-FRANCIS OIL COMPANY</b>	<sup>9</sup> Elevation 3573.8

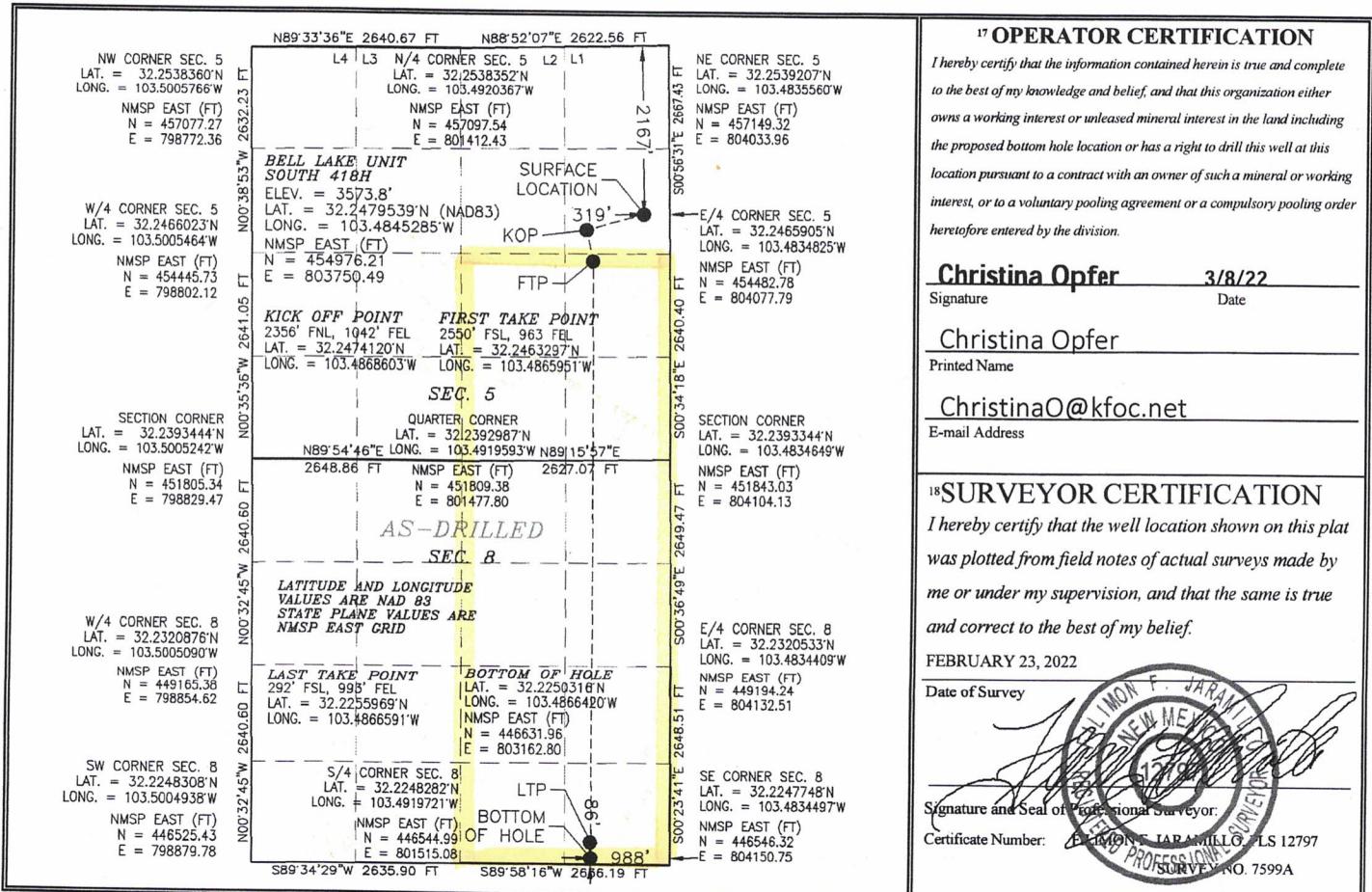
<sup>10</sup> Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
H	5	24 S	34 E		2167	NORTH	319	EAST	LEA

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

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
P	8	24 S	34 E		86	SOUTH	988	EAST	LEA
<sup>12</sup> Dedicated Acres 480	<sup>13</sup> Joint or Infill	<sup>14</sup> Consolidation Code					<sup>15</sup> 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.



ATTACHMENT

C

Mineral Owner	Address line 1	Address line 2	City	State	Zip	Tracts	Tract WI	Tract Net Acres	Unit Gross Acres	Unit Working Interest	417H Net Cost	418H Net Cost
MRC Permian Company	5400 LBJ Freeway	Suite 1500	Dallas	TX	88256	SE/4 SE/4 Sec 8	0.0625	2.5	480	0.0002083	\$ 42,056.97	\$ 42,056.97

**SUMMARY OF COMMUNICATIONS****BELL LAKE UNIT SOUTH 417H  
BELL LAKE UNIT SOUTH 418H**

<b>COMPANY NAME: MRC PERMIAN COMPANY</b>	
<b>DATE</b>	<b>ACTIONS/COMMENTS</b>
3/12/2021	Well proposal delivered to MRC Permian Company
3/23/2021	Email correspondence between David Johns (MRC) and David Hamilton (Kaiser)
3/24/2021	Email correspondence between David Hamilton (Kaiser) and David Johns (MRC)
6/7/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
6/13/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
6/14/2022	Form JOA provided to David Johns
6/20/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
6/23/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
6/27/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
7/6/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
7/11/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
7/15/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
7/25/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
7/29/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
8/10/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai
8/25/2022	Email correspondence between David Johns (MRC) and Brendon Kushnerick (Kai

ATTACHMENT

D

Copy

## KAISER-FRANCIS OIL COMPANY

P.O. BOX 21468 TULSA, OKLAHOMA 74121-1468  
 6733 South Yale Avenue, 74136  
 (918) 494-0000  
 Fax: (918) 491-4383

March 12, 2021

MRC Permian Company  
 5400 LBJ Freeway, suite 1500  
 Dallas, Texas 75240  
 Attention: Van Singleton, II

VIA FEDEX OVERNIGHT DELIVERY

Re: Proposed Wells  
 Section 5 and 8-24S-34E  
 Lea County, New Mexico

Gentlemen:

KFOC hereby proposes the drilling and completion of four (4) horizontal wells to test the Bone Spring and Wolfcamp intervals, at the locations as set forth for each respective well below. All wells are planned to be drilled with a horizontal lateral of approximately 1½ miles, on a 480 acre spacing area, covering the Southeast quarter (SE/4) of Section 5 and the East half (E/2) of Section 8, Township 24 South, Range 34 East.

MRC Permian Company ("MRC") owns an Oil and Gas Lease, dated August 27, 2018, from G. Dan Thompson, as Lessor, to Jetstream Oil and Gas Partners, LP, as Lessee, covering lands in Section 8, and covering approximately 2.50 net acres or approximately .0052083 decimal working interest in each of the four wells. The proposed wells and associated particulars are as follows:

1. Bell Lake Unit South #217H well (2<sup>nd</sup> Bone Spring well) with a first take point ("FTP") and last take point ("LTP") as follows:
  - a. FTP 1605' FEL 2540' FSL of 5-T24S-R34E;
  - b. LTP 100' FSL 1605' FEL of 8-T24S-R34E
2. Bell Lake Unit South #218H wells (2<sup>nd</sup> Bone Spring well) with a first take point ("FTP") and last take point ("LTP") as follows:
  - a. FTP 380' FEL 2540' FSL of 5-T24S-R34E;
  - b. LTP 100' FSL 380' FEL of 8-T24S-R34E
3. Bell Lake Unit South #417H well (Wolfcamp well) with a first take point ("FTP") and last take point ("LTP") as follows
  - a. FTP 2260' FEL 2540' FSL of 5-T24S-R34E;
  - b. LTP 100' FSL 2260' FEL of 8-T24S-R34E
4. Bell Lake Unit South #418H well (Wolfcamp well) with a first take point ("FTP") and last take point ("LTP") as follows
  - a. FTP 1000' FEL 2540' FSL of 5-T24S-R34E;
  - b. LTP 100' FSL 1000' FEL of 8-T24S-R34E

Enclosed please find AFEs for each of the above four wells, setting forth the detailed costs of drilling and completing each well. In the event MRC elects to participate, please indicate such election by signing in the space provided below and on each AFE, then return executed copies of this letter and AFEs to the attention of the undersigned at the letterhead address above. Each of the four proposed wells are standalone proposals, but consistent elections on all four wells would be appreciated.

Upon receipt of MRC's elections to participate, a joint operating agreement will be forwarded for review and execution. Please advise of any questions you may have via phone at 832-428-2460 or email at [davidh@kfo.net](mailto:davidh@kfo.net).

Sincerely,



David V. Hamilton  
Senior Project Landman

Elections hereby made as follows:

- Election to participate in the drilling and completion of each of the four proposed wells  
 Election to NOT participate in the drilling and completion of each of the four proposed wells

MRC Permian Company

By: \_\_\_\_\_

Title: \_\_\_\_\_

Printed Name: \_\_\_\_\_

**Kaiser-Francis Oil Company**  
Authority for Expenditure

Operator:	Kaiser-Francis Oil Company			Date:	12/30/2020
Well Name:	Bell Lake Unit South #417H			Field:	Bell Lake
Prospect:	Bell Lake			County / Psh	Lea
Location:	FTP 2260' FEL 2540' FSL of 5-T24S-R34E; LTP 100' FSL 2260' FEL of 8-T24S-R34E			State:	New Mexico
Depth:	20750 MD 11630 TVD			Preparer:	CI / DZ / JC / RS / BH
Horizon:	Wolfcamp				
Objective:	Drill and complete a 7200' lateral Wolfcamp on a 4 well pad				
JIB Code	Intangible Drilling and Completion Costs				
500/600	Location / Road Expense / Frac Pit Construction			Drilling	Completion
501/***	Cond, Rat Hole, Mouse Hole Services			\$45,000	\$14,000
502/602	Location Damages			\$22,000	
503/603	Environmental, Regulatory, and Permitting			\$20,000	
504/604	Turnkey Completion Rig			\$30,000	
	Footage @ per foot				\$8,000
	Daywork 19 days at				\$0
505/605	Coiled Tubing & Related Services			\$19,500	\$370,500
506/606	Rig Mob / Demob				\$56,000
507/***	Directional Drilling Services			\$45,600	
508/608	Bits & Reamers			\$342,500	
510/610	Fuel/Power			\$102,500	
512/612	Drilling Water / Completion Fluid			\$95,000	
514/614	Mud & Chemicals			\$25,000	\$450,000
515/615	Closed Loop System / Mud & Cuttings Disposal / SWD			\$162,000	\$25,000
516/616	Surface Equipment Rental / Inspection			\$190,000	\$20,000
517/617	Downhole Equipment Rental / Inspection			\$292,480	\$170,370
518/618	Transportation & Loading			\$154,500	\$27,500
520/***	DST, Coring & Analysis			\$58,000	\$50,000
521/621	Downhole tools: Whipstocks, Liner Hangers, Frac Plugs				\$0
522/622	OH Logs / CH Logs / Perforating / Slickline				\$42,000
523/***	Mud Logging / Geosteering / LWD				\$132,000
524/624	Cementing & Squeezing			\$22,800	
526/626	Casing Crews & Equipment			\$169,000	
528/628	Plug & Abandon			\$81,000	
***/630	Stimulation				\$0
532/632	Geological & Engineering				\$2,236,000
534/634	Supervision				\$80,000
536/636	Miscellaneous Contract Labor			\$98,000	\$45,750
538/638	Prof. Fees & Abstracts			\$55,000	\$48,000
541/641	Liability Insurance / Bonds			\$10,000	
542/642	Drilling Overhead / Competition Overhead				\$0
544/644	Miscellaneous & Unforeseen			\$7,600	\$5,250
	Total Intangible Drilling & Completion			\$96,075	\$170,494
				\$2,494,555	\$3,580,364
					\$85,050
					\$6,159,969
JIB Code	Tangible Well and Lease Equipment Costs			Drilling	Completion
700	Conductor				
701	Surface Casing			\$60,507	
702	Intermediate Casing				\$60,507
702	Intermediate Casing			\$191,836	
704	Drilling Liner (BCP)			\$240,110	
703	Production Liner (ACP)				\$0
706	Production Casing (ACP)				\$0
710	Tubing 5-1/2" P110 HP 23# SFH Eagle w/bond coat			\$557,290	
721/720	Wellhead Equip. BCP/ACP				\$557,290
724	Packers & Downhole Equipment			\$45,000	\$40,000
726	Rods & Pumps				\$20,000
737	Line Pipe / Fittings / Pipeline				\$0
738	Automation/SCADA/Misc Electrical Equipment				\$252,000
747	Valves				\$30,000
752	Tanks & Walkways				\$40,000
765	Heaters / Treaters / Separator / VRU				\$90,000
768	Artificial Lift / Compressor				\$70,000
770	Gas Sales Unit / Dehy / Line Heater / Flare				\$40,000
775/774	Transportation and Freight BCP/ACP				\$10,000
777/776	Inspect/Test Tubulars BCP/ACP			\$2,000	\$40,000
779/778	Non-Controllable Equipment BCP/ACP			\$24,000	\$42,000
	Total Well and Lease Equipment			\$28,073	\$5,760
				\$1,146,815	\$54,200
					\$89,032
					\$626,200
					\$1,914,970
	Total Drilling and Completion Cost			\$3,641,370	\$3,722,318
					\$711,250
					\$8,074,938
	KFOC APPROVALS			PARTNER APPROVAL	
	Robert Sanford (918) 491-4201				
	Drilling				
	Jake Crissup (918) 491-4685			Signature	
	Completion				
	David Hamilton (832) 428-2460			Printed Name	
	Land				
	Chris Miller (918) 491-4443			Position	
	Geology				
	Blake Humphries (918) 491-4455				
	Reservoir				
	Mike Raines (918) 491-4658				
	Asset Manager				
	Tom Redman (918) 491-4201			Date	
	Chief Operating Officer				

ATTACHMENT E

Kaiser-Francis Oil Company  
Authority for Expenditure

Operator:	Kaiser-Francis Oil Company	Date:	12/30/2020
Well Name:	Bell Lake Unit South #418H	Field:	Bell Lake
Prospect:	Bell Lake	County / Psh:	Lea
Location:	FTP 1000' FEL 2540' FSL of S-T24S-R34E; LTP 100' FSL 1000' FEL of S-T24S-R34E	State:	New Mexico
Depth:	20750 MD	TVD:	
Horizon:	Wolfcamp	Preparer:	CJ / DZ / JC / RS / BH
Objective:	Drill and complete a 7200' lateral Wolfcamp on a 4 well pad		
JIB Code	Intangible Drilling and Completion Costs	Drilling	Completion
500/600	Location / Road Expense / Frac Pit Construction	\$45,000	\$14,000
501/***	Cond, Rat Hole, Mouse Hole Services	\$22,000	
502/602	Location Damages	\$20,000	
503/603	Environmental, Regulatory, and Permitting	\$30,000	
504/604	Turnkey Completion Rig		\$8,000
	Footage @ per foot		\$0
	Daywork 19 days at	\$19,500	\$370,500
505/605	Coiled Tubing & Related Services		\$56,000
506/605	Rig Mbr / Demob	\$45,600	
507/***	Directional Drilling Services	\$342,500	
508/608	Bits & Reamers	\$102,500	
510/610	Fuel/Power	\$95,000	
512/612	Drilling Water / Completion Fluid	\$25,000	\$450,000
514/614	Mud & Chemicals	\$162,000	\$25,000
515/615	Closed Loop System / Mud & Cuttings Disposal / SWD	\$190,000	\$20,000
516/616	Surface Equipment Rental / Inspection	\$292,480	\$170,370
517/617	Downhole Equipment Rental / Inspection	\$154,500	\$27,500
518/618	Transportation & Loading	\$58,000	\$50,000
520/***	DST, Coring & Analysis		\$0
521/621	Downhole tools: Whipsstocks, Liner Hangers, Frac Plugs		\$42,000
522/622	OH Logs / CH Logs / Perforating / Slickline		\$132,000
523/***	Mud Logging / Geosteering / LWD	\$22,800	
524/624	Cementing & Squeezing	\$169,000	
526/626	Casing Crews & Equipment	\$81,000	
528/628	Plug & Abandon		\$81,000
***/630	Stimulation		\$0
532/632	Geological & Engineering		\$2,236,000
534/634	Supervision	\$80,000	
536/636	Miscellaneous Contract Labor	\$98,000	\$45,750
538/638	Prof. Fees & Abstracts	\$55,000	\$48,000
541/641	Liability Insurance / Bonds	\$10,000	
542/642	Drilling Overhead / Competition Overhead	\$7,600	\$5,250
544/644	Miscellaneous & Unforeseen	\$96,075	\$170,494
	Total Intangible Drilling & Completion	\$2,494,555	\$3,580,364
JIB Code	Tangible Well and Lease Equipment Costs	Drilling	Completion
700	Conductor		
701	Surface Casing	13-3/8" 48.0# J-55 STC 2021 COPAS 1350	\$60,507
702	Intermediate Casing	10 3/4" 40.50# J-55 STC 2021 COPAS 5200	\$191,836
702	Intermediate Casing	7-5/8" 29.7# P-110 BTC 2021 COPAS 11000	\$240,110
704	Drilling Liner (BCP)		
703	Production Liner (ACP)		
706	Production Casing (ACP)	5-1/2" P110 HP 23# SFH Eagle w/bond coat 20750	\$557,290
710	Tubing	2-7/8" 6.5# L-80 EUE 2021 COPAS 11500	\$68,195
721/720	Wellhead Equip. BCP/ACP		\$45,000
724	Packers & Downhole Equipment		\$40,000
726	Rods & Pumps		\$20,000
737	Line Pipe / Fittings / Pipeline		\$0
738	Automation/SCADA/Misc Electrical Equipment		\$252,000
747	Valves		\$30,000
752	Tanks & Walkways		\$40,000
765	Heaters / Treaters / Separator / VRU		\$90,000
768	Artificial Lift / Compressor		\$70,000
770	Gas Sales Unit / Dehy / Line Heater / Flare		\$40,000
775/774	Transportation and Freight BCP/ACP		\$10,000
777/776	Inspect/Test Tubulars BCP/ACP		\$42,000
779/778	Non-Controlable Equipment BCP/ACP	\$24,000	\$5,000
	Total Well and Lease Equipment	\$28,073	\$6,760
		\$1,146,815	\$54,200
			\$89,032
	Total Well and Lease Equipment	\$141,955	\$626,200
			\$1,914,970
	Total Drilling and Completion Cost	\$3,641,370	\$3,722,318
			\$711,250
			\$8,074,938

KFOC APPROVALS		PARTNER APPROVAL	
Robert Sanford (918) 491-4201	Drilling		
Jake Crissup (918) 491-4685	Completion	Signature	
David Hamilton (832) 428-2460	Land	Printed Name	
Chris Miller (918) 491-4443	Geology	Position	
Blake Humphries (918) 491-4455	Reservoir	Company	
Mike Raines (918) 491-4658	Asset Manager	Date	
Tom Redman (918) 491-4201	Chief Operating Officer		
KFOC-AW PERIOD 11/29/2022			

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

APPLICATION OF KAISER-FRANCIS OIL  
COMPANY FOR COMPULSORY POOLING,  
EDDY COUNTY, NEW MEXICO.

Case No. 23212

**VERIFIED STATEMENT OF LEE J. LINDMAN**

Lee J. Lindman, being duly sworn upon his oath, deposes and states:

1. I am over the age of 18, and have personal knowledge of the geological matters stated herein.
2. I am a geologist for Kaiser-Francis Oil Company ("KFOC"). I have been qualified by the Division as an expert petroleum geologist. My area of responsibility at KFOC includes this portion of Southeast New Mexico.
3. The following geological plats are attached hereto:
  - (a) Attachment A is a structure map on the top of the Wolfcamp formation. This map shows that structure dips to the Southeast across this unit. It also displays a line of cross-section A – A' and the location of the KFOC-Bell Lake South #417H and Bell Lake South #418H wells (wellbores highlighted in yellow). The completed interval in these wells is the Wolfcamp formation.
  - (b) Attachment B is a gross isopach map of the Upper Wolfcamp and has uniform thickness across the proposed well units.
  - (c) Attachment C is stratigraphic cross section A – A' hung on the top of the Wolfcamp formation. The well logs on the cross-section are a representative sample of the Wolfcamp formation in this area. The target landing zone for the wells is continuous across the unit and is indicated by the blue arrow.
4. I conclude from the maps that:
  - (a) The horizontal spacing unit is justified from a geologic standpoint.
  - (b) Each quarter section in the unit will contribute more or less equally to production from the wells.
  - (c) There is no faulting or other geologic impediment which adversely affected the drilling of the subject wells.

EXHIBIT

3

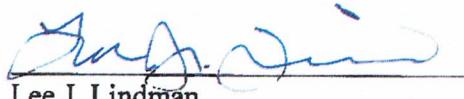
5. Based on production from wells in this area, KFOC sees North-South as the preferred orientation for wells in this area.

6. Attachment D contains the final horizontal drilling surveys for the wells. The producing interval of the wells are orthodox, and comply with Division setback requirements.

VERIFICATION

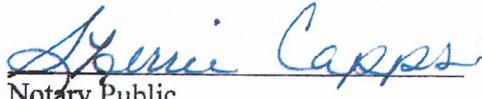
STATE OF OKLAHOMA )  
COUNTY OF TULSA ) ss.  
                      )

Lee J. Lindman, being duly sworn upon his oath, deposes and states that: He is a geologist for Kaiser-Francis Oil Company; he is authorized to make this verification on its behalf; he has read the foregoing statement, and knows the contents thereof; and the same is true and correct to the best of his knowledge, information, and belief.

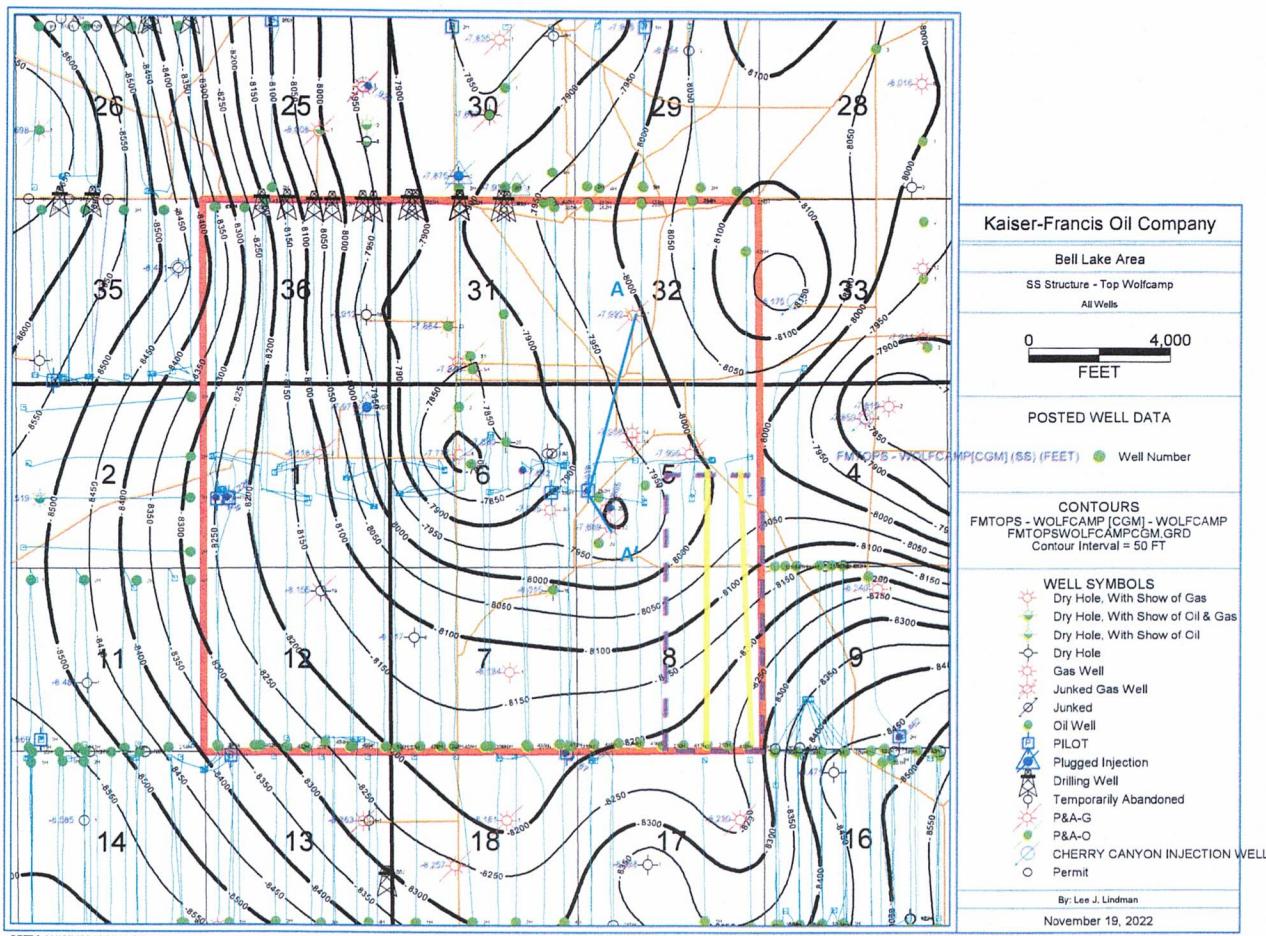
  
Lee J. Lindman

SUBSCRIBED AND SWORN TO before me this 21 day of November 2022 by  
Sherrie Capps.

My Commission Expires: 11-23-24

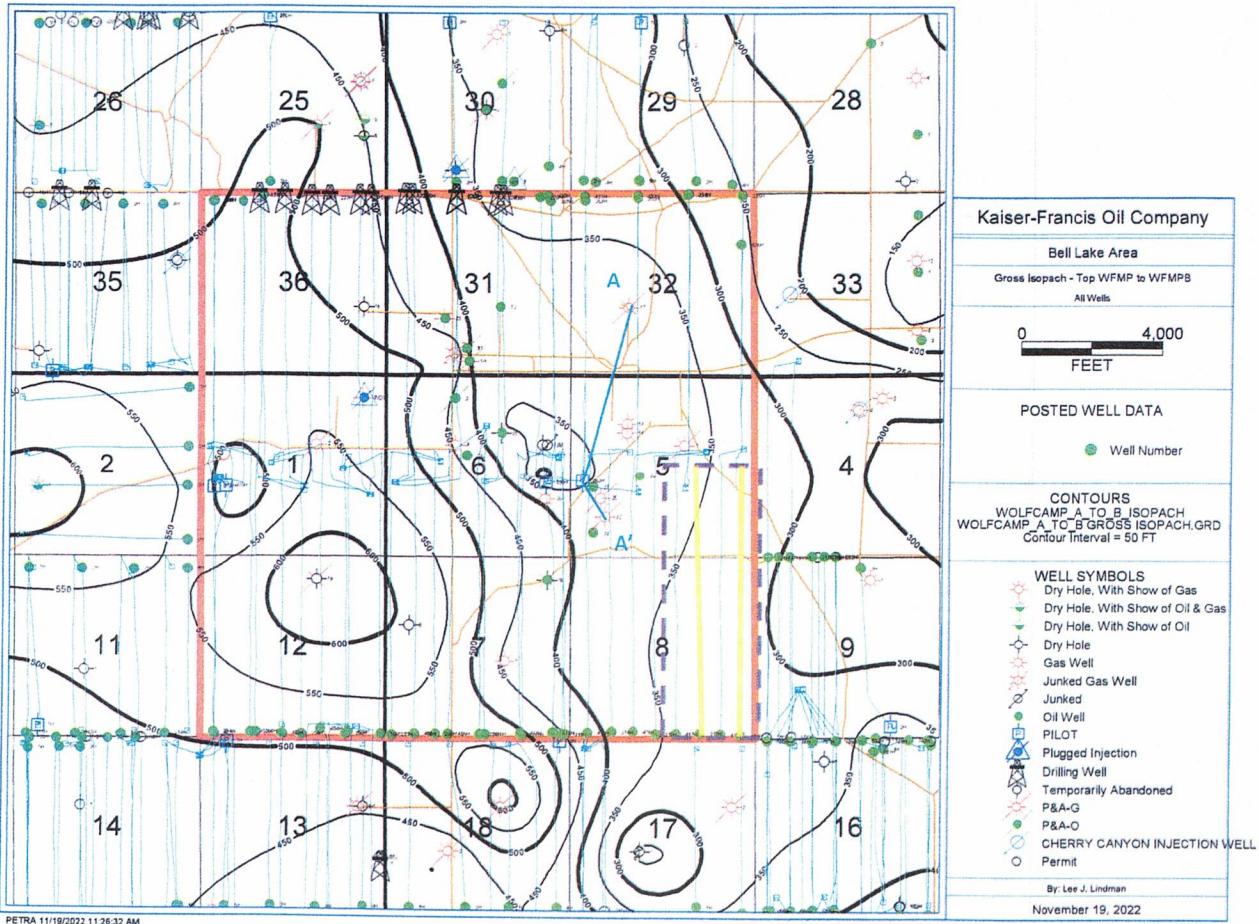
  
Sherrie Capps  
Notary Public



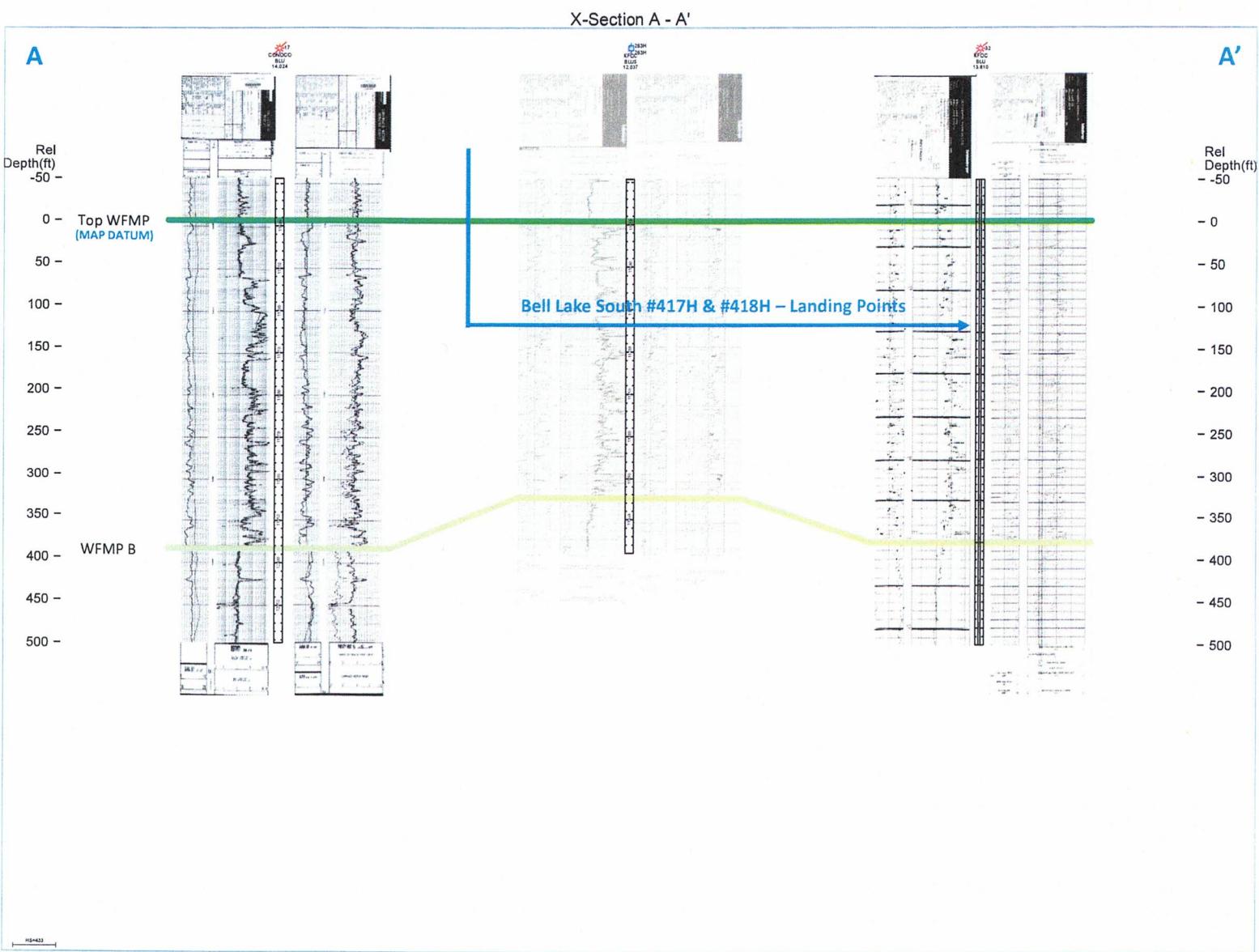


ATTACHMENT

A



ATTACHMENT B



ATTACHMENT C

KAISER FRANCIS OIL CO.  
BELL LAKE UNIT S. 417H - HORIZONTAL

LEA COUNTY, N.M. 27  
SEC 5-T24S-R34E  
Your Ref:

## ATTACHMENT

D

Measured Depth (ft)	Incl.	Azim.	Vertical			LATDEC (ft)	LONGDEC (dega/100ft)	Vertical Section	Dogleg Rate	NAD 27		NAD 83	
			Depth (ft)	Northings (ft)	Eastings (ft)					NAD 27 Northing (usft)	NAD 27 Easting (usft)	NAD 83 Northing (usft)	NAD 83 Easting (usft)
0.00	0.00	0.00	0.00	0.00	0.00	32.25	-103.49	0.00	0.00	454839.35	761489.01	454898.38	802672.95
142.00	1.32	25.16	141.99	1.48	0.70	32.25	-103.49	-1.48	0.93	454840.83	761489.71	454899.86	802673.65
230.00	1.54	23.49	229.96	3.48	1.60	32.25	-103.49	-3.48	0.25	454842.83	761490.61	454901.86	802674.55
327.00	1.54	21.82	326.92	5.89	2.60	32.25	-103.49	-5.89	0.05	454845.24	761491.61	454904.27	802675.55
417.00	1.63	24.02	416.89	8.18	3.57	32.25	-103.49	-8.18	0.12	454847.53	761492.58	454906.56	802676.52
509.00	1.45	16.90	508.86	10.49	4.44	32.25	-103.49	-10.49	0.29	454849.84	761493.45	454908.87	802677.39
600.00	1.14	351.76	599.83	12.49	4.65	32.25	-103.49	-12.49	0.70	454851.84	761493.66	454910.87	802677.60
692.00	1.14	285.05	691.82	13.63	3.63	32.25	-103.49	-13.63	1.36	454852.98	761492.64	454912.01	802676.58
784.00	1.63	255.44	783.79	13.54	1.48	32.25	-103.49	-13.54	0.93	454852.89	761490.49	454911.92	802674.43
830.00	1.63	249.81	829.78	13.15	0.24	32.25	-103.49	-13.15	0.35	454852.50	761489.25	454911.53	802673.19
875.00	1.45	246.30	874.76	12.70	-0.89	32.25	-103.49	-12.70	0.45	454852.05	761488.12	454911.08	802672.06
967.00	1.27	242.69	966.73	11.76	-2.86	32.25	-103.49	-11.76	0.22	454851.11	761486.15	454910.14	802670.09
1059.00	1.01	241.37	1058.72	10.91	-4.48	32.25	-103.49	-10.91	0.28	454850.26	761484.53	454909.29	802668.47
1150.00	0.79	240.93	1149.70	10.22	-5.73	32.25	-103.49	-10.22	0.24	454849.57	761483.28	454908.60	802667.22
1171.00	0.84	238.65	1170.70	10.07	-5.99	32.25	-103.49	-10.07	0.28	454849.42	761483.02	454908.45	802666.96
1249.00	0.40	248.84	1248.70	9.67	-6.73	32.25	-103.49	-9.67	0.58	454849.02	761482.28	454908.05	802666.22
1344.00	0.70	297.89	1343.69	9.82	-7.55	32.25	-103.49	-9.82	0.56	454849.17	761481.46	454908.20	802665.40
1438.00	1.23	255.52	1437.68	9.84	-9.03	32.25	-103.49	-9.84	0.91	454849.19	761479.98	454908.22	802663.92
1533.00	2.51	250.34	1532.63	8.88	-11.98	32.25	-103.49	-8.88	1.36	454848.23	761477.03	454907.26	802660.97
1627.00	2.24	253.41	1626.55	7.67	-15.68	32.25	-103.49	-7.67	0.32	454847.02	761473.33	454906.05	802657.27
1722.00	2.29	260.45	1721.47	6.82	-19.33	32.25	-103.49	-6.82	0.30	454846.17	761469.68	454905.20	802653.62
1817.00	2.11	252.89	1816.40	5.99	-22.87	32.25	-103.49	-5.99	0.36	454845.34	761466.14	454904.37	802650.08
1912.00	3.12	254.73	1911.30	4.80	-27.04	32.25	-103.49	-4.80	1.07	454844.15	761461.97	454903.18	802645.91
2007.00	5.63	257.98	2006.02	3.15	-34.09	32.25	-103.49	-3.15	2.65	454842.50	761454.92	454901.53	802638.86
2102.00	7.96	256.23	2100.35	0.61	-45.04	32.25	-103.49	-0.61	2.46	454839.96	761443.97	454898.99	802627.91
2197.00	10.46	258.07	2194.11	-2.74	-59.87	32.25	-103.49	2.74	2.65	454836.61	761429.14	454895.64	802613.08
2292.00	11.34	259.57	2287.40	-6.21	-77.49	32.25	-103.49	6.21	0.97	454833.14	761411.52	454892.17	802595.46
2387.00	11.12	259.92	2380.58	-9.51	-95.70	32.25	-103.49	9.51	0.24	454829.84	761393.31	454888.87	802577.25
2482.00	11.21	261.24	2473.78	-12.52	-113.84	32.25	-103.49	12.52	0.29	454826.83	761375.17	454885.86	802559.11
2577.00	11.08	260.88	2566.99	-15.37	-131.98	32.25	-103.49	15.37	0.16	454823.98	761357.03	454883.01	802540.97
2672.00	10.73	262.12	2660.27	-18.03	-149.76	32.25	-103.49	18.03	0.44	454821.32	761339.25	454880.35	802523.19
2767.00	10.55	262.12	2753.64	-20.43	-167.13	32.25	-103.49	20.43	0.19	454818.92	761321.88	454877.95	802505.82
2862.00	10.51	261.94	2847.04	-22.84	-184.33	32.25	-103.49	22.84	0.05	454816.51	761304.68	454875.54	802488.62
2957.00	10.59	263.87	2940.44	-24.99	-201.58	32.25	-103.49	24.99	0.38	454814.36	761287.43	454873.39	802471.37
3052.00	10.07	264.05	3033.90	-26.78	-218.52	32.25	-103.49	26.78	0.55	454812.57	761270.49	454871.60	802454.43
3147.00	10.20	264.84	3127.41	-28.40	-235.16	32.25	-103.49	28.40	0.20	454810.95	761253.85	454869.98	802437.79
3242.00	9.93	264.93	3220.95	-29.88	-251.70	32.25	-103.49	29.88	0.28	454809.47	761237.31	454868.50	802421.25
3337.00	9.93	264.05	3314.53	-31.45	-268.01	32.25	-103.49	31.45	0.16	454807.90	761221.00	454866.93	802404.94
3432.00	9.45	265.10	3408.17	-32.97	-283.92	32.25	-103.49	32.97	0.54	454806.38	761205.09	454865.41	802389.03
3527.00	9.27	264.31	3501.91	-34.39	-299.31	32.25	-103.49	34.39	0.23	454804.96	761189.70	454863.99	802373.64
3622.00	8.97	264.40	3595.71	-35.87	-314.29	32.25	-103.49	35.87	0.32	454803.48	761174.72	454862.51	802358.66
3717.00	8.79	268.18	3689.57	-36.83	-328.92	32.25	-103.49	36.83	0.64	454802.52	761160.09	454861.55	802344.03
3812.00	8.22	267.65	3783.52	-37.34	-342.96	32.25	-103.49	37.34	0.61	454802.01	761146.05	454861.04	802329.99
3907.00	7.78	266.42	3877.60	-38.02	-356.16	32.25	-103.49	38.02	0.50	454801.33	761132.85	454860.36	802316.79
4002.00	8.22	269.23	3971.67	-38.51	-369.37	32.25	-103.49	38.51	0.62	454800.84	761119.64	454859.87	802303.58
4097.00	9.05	267.30	4065.60	-38.95	-383.62	32.25	-103.49	38.95	0.93	454800.40	761105.39	454859.43	802289.33
4192.00	8.44	268.27	4159.49	-39.51	-398.06	32.25	-103.49	39.51	0.66	454799.84	761090.95	454858.87	802274.89
4287.00	7.87	265.63	4253.53	-40.22	-411.51	32.25	-103.49	40.22	0.72	454799.13	761077.50	454858.16	802261.44
4382.00	7.82	259.30	4347.64	-41.92	-424.35	32.25	-103.49	41.92	0.91	454797.43	761064.66	454856.46	802248.60
4477.00	9.41	257.37	4441.57	-44.81	-438.28	32.25	-103.49	44.81	1.70	454794.54	761050.73	454853.57	802234.67
4572.00	8.53	257.11	4535.41	-48.08	-452.72	32.25	-103.49	48.08	0.93	454791.27	761036.29	454850.30	802220.23
4667.00	7.65	251.39	4629.46	-51.67	-465.58	32.25	-103.49	51.67	1.25	454787.68	761023.43	454846.71	802207.37
4762.00	9.63	251.48	4723.38	-56.22	-479.11	32.25	-103.49	56.22	2.08	454783.13	761009.90	454842.16	802193.84
4857.00	10.24	254.64	4816.95	-60.98	-494.79	32.25	-103.49	60.98	0.86	454778.37	760994.22	454837.40	802178.16
4953.00	9.49	253.77	4911.53	-65.45	-510.62	32.25	-103.49	65.45	0.80	454773.90	760978.39	454832.93	802162.33
5048.00	8.79	256.75	5005.33	-69.30	-525.20	32.25	-103.49	69.30	0.89	454770.05	760963.81	454829.08	802147.75
5138.00	8.26	255.26	5094.33	-72.52	-538.15	32.25	-103.49	72.52	0.64	454766.83	760950.86	454825.86	802134.80
5233.00	8.00	254.73	5188.38	-76.00	-551.12	32.25	-103.49	76.00	0.28	454763.35	760937.89	454822.38	802121.83
5328.00	8.66	263.79	5282.38	-78.52	-564.61	32.25	-103.49	78.52	1.54	454760.83	760924.40	454819.86	802108.34
5423.00	8.92	275.47	5376.27	-78.59	-579.05	32.25	-103.49	78.59	1.90	454760.76	760909.96	454819.79	802093.90
5518.00	9.01	273.37	5470.11	-77.45	-593.81	32.25	-103.49	77.45	0.36	454761.90	760895.20	454820.93	802079.14

5613.00	9.23	273.72	5563.91	-76.52	-608.84	32.25	-103.49	76.52	0.24	454762.83	760880.17	454821.86	802064.11
5708.00	9.49	272.22	5657.65	-75.72	-624.27	32.25	-103.49	75.72	0.38	454763.63	760864.74	454822.66	802048.68
5803.00	7.91	283.56	5751.56	-73.88	-638.45	32.25	-103.49	73.88	2.45	454765.47	760850.56	454824.50	802034.50
5898.00	5.10	287.25	5845.94	-71.10	-648.84	32.25	-103.49	71.10	2.99	454768.25	760840.17	454827.28	802024.11
5993.00	3.21	274.77	5940.68	-69.62	-655.53	32.25	-103.49	69.62	2.19	454769.73	760833.48	454828.76	802017.42
6088.00	3.69	270.64	6035.51	-69.37	-661.23	32.25	-103.49	69.37	0.57	454769.98	760827.78	454829.01	802011.72
6183.00	3.65	268.97	6130.32	-69.39	-667.31	32.25	-103.49	69.39	0.12	454769.96	760821.70	454828.99	802005.64
6279.00	3.56	268.44	6226.13	-69.52	-673.35	32.25	-103.49	69.52	0.10	454769.83	760815.66	454828.86	801999.60
6374.00	3.52	265.63	6320.95	-69.83	-679.20	32.25	-103.49	69.83	0.19	454769.52	760809.81	454828.55	801993.75
6469.00	3.56	271.17	6415.76	-69.99	-685.06	32.25	-103.49	69.99	0.36	454769.36	760803.95	454828.39	801987.89
6563.00	3.43	268.88	6509.59	-69.98	-690.79	32.25	-103.49	69.98	0.20	454769.37	760798.22	454828.40	801982.16
6658.00	3.78	272.31	6604.40	-69.91	-696.76	32.25	-103.49	69.91	0.43	454769.44	760792.25	454828.47	801976.19
6754.00	3.52	270.90	6700.21	-69.74	-702.87	32.25	-103.49	69.74	0.29	454769.61	760786.14	454828.64	801970.08
6849.00	3.52	273.72	6795.03	-69.50	-708.69	32.25	-103.49	69.50	0.18	454769.85	760780.32	454828.88	801964.26
6944.00	3.21	274.68	6889.86	-69.10	-714.26	32.25	-103.49	69.10	0.33	454770.25	760774.75	454829.28	801958.69
7039.00	3.30	271.43	6984.71	-68.81	-719.64	32.25	-103.49	68.81	0.22	454770.54	760769.37	454829.57	801953.31
7134.00	3.03	270.73	7079.57	-68.71	-724.88	32.25	-103.49	68.71	0.29	454770.64	760764.13	454829.67	801948.07
7229.00	3.08	273.80	7174.43	-68.51	-729.94	32.25	-103.49	68.51	0.18	454770.84	760759.07	454829.87	801943.01
7324.00	2.99	270.20	7269.30	-68.33	-734.97	32.25	-103.49	68.33	0.22	454771.02	760754.04	454830.05	801937.98
7419.00	2.99	271.52	7364.17	-68.26	-739.92	32.25	-103.49	68.26	0.07	454771.09	760749.09	454830.12	801933.03
7514.00	2.99	271.17	7459.04	-68.14	-744.87	32.25	-103.49	68.14	0.02	454771.21	760744.14	454830.24	801928.08
7609.00	3.16	268.62	7553.90	-68.16	-749.97	32.25	-103.49	68.16	0.23	454771.19	760739.04	454830.22	801922.98
7704.00	3.34	260.45	7648.75	-68.68	-755.32	32.25	-103.49	68.68	0.52	454770.67	760733.69	454829.70	801917.63
7799.00	3.12	254.21	7743.60	-69.84	-760.53	32.25	-103.49	69.84	0.44	454769.51	760728.48	454828.54	801912.42
7894.00	3.12	252.36	7838.46	-71.33	-765.48	32.25	-103.49	71.33	0.11	454768.02	760723.53	454827.05	801907.47
7989.00	3.21	250.60	7933.31	-72.99	-770.46	32.25	-103.49	72.99	0.14	454766.36	760718.55	454825.39	801902.49
8084.00	3.30	251.13	8028.16	-74.76	-775.55	32.25	-103.49	74.76	0.10	454764.59	760713.46	454823.62	801897.40
8179.00	3.12	246.47	8123.01	-76.68	-780.51	32.25	-103.49	76.68	0.33	454762.67	760708.50	454821.70	801892.44
8274.00	2.81	266.51	8217.89	-77.85	-785.21	32.25	-103.49	77.85	1.13	454761.50	760703.80	454820.53	801887.74
8369.00	2.77	279.08	8312.78	-77.63	-789.80	32.25	-103.49	77.63	0.64	454761.72	760699.21	454820.75	801883.15
8464.00	2.81	270.99	8407.66	-77.23	-794.39	32.25	-103.49	77.23	0.42	454762.12	760694.62	454821.15	801878.56
8559.00	2.86	270.55	8502.55	-77.17	-799.09	32.25	-103.49	77.17	0.06	454762.18	760689.92	454821.21	801873.86
8654.00	2.68	272.31	8597.44	-77.05	-803.68	32.25	-103.49	77.05	0.21	454762.30	760685.33	454821.33	801869.27
8749.00	2.42	261.76	8692.34	-77.25	-807.88	32.25	-103.49	77.25	0.56	454762.10	760681.13	454821.13	801865.07
8844.00	2.81	254.21	8787.24	-78.17	-812.11	32.25	-103.49	78.17	0.55	454761.18	760676.90	454820.21	801860.84
8939.00	2.77	256.93	8882.13	-79.33	-816.59	32.25	-103.49	79.33	0.15	454760.02	760672.42	454819.05	801856.36
9034.00	2.73	249.11	8977.02	-80.65	-820.94	32.25	-103.49	80.65	0.40	454758.70	760668.07	454817.73	801852.01
9129.00	2.11	241.11	9071.94	-82.30	-824.58	32.25	-103.49	82.30	0.74	454757.05	760664.43	454816.08	801848.37
9224.00	1.58	219.49	9166.89	-84.16	-826.94	32.25	-103.49	84.16	0.91	454755.19	760662.07	454814.22	801846.01
9320.00	2.15	215.01	9262.84	-86.66	-828.82	32.25	-103.49	86.66	0.61	454752.69	760660.19	454811.72	801844.13
9415.00	2.20	197.52	9357.77	-89.85	-830.39	32.25	-103.49	89.85	0.70	454749.50	760658.62	454808.53	801842.56
9510.00	1.14	233.90	9452.73	-92.15	-831.70	32.25	-103.49	92.15	1.53	454747.20	760657.31	454806.23	801841.25
9604.00	1.41	229.60	9546.71	-93.45	-833.34	32.25	-103.49	93.45	0.30	454745.90	760655.67	454804.93	801839.61
9700.00	1.85	212.98	9642.67	-95.52	-835.08	32.25	-103.49	95.52	0.67	454743.83	760653.93	454802.86	801837.87
9795.00	1.36	219.22	9737.63	-97.68	-836.63	32.25	-103.49	97.68	0.55	454741.67	760652.38	454800.70	801836.32
9890.00	1.89	207.10	9832.59	-99.94	-838.06	32.25	-103.49	99.94	0.66	454739.41	760650.95	454798.44	801834.89
9985.00	1.14	231.71	9927.56	-101.92	-839.51	32.25	-103.49	101.92	1.03	454737.43	760649.50	454796.46	801833.44
10080.00	1.45	228.89	10022.54	-103.30	-841.16	32.25	-103.49	103.30	0.33	454736.05	760647.85	454795.08	801831.79
10175.00	1.19	226.17	10117.51	-104.77	-842.78	32.25	-103.49	104.77	0.28	454734.58	760646.23	454793.61	801830.17
10269.00	1.01	234.87	10211.49	-105.93	-844.16	32.25	-103.49	105.93	0.26	454733.42	760644.85	454792.45	801828.79
10364.00	0.92	265.72	10306.48	-106.46	-845.60	32.25	-103.49	106.46	0.55	454732.89	760643.41	454791.92	801827.35
10458.00	0.84	257.37	10400.47	-106.67	-847.03	32.25	-103.49	106.67	0.16	454732.58	760641.98	454791.71	801825.92
10553.00	1.36	272.93	10495.45	-106.77	-848.83	32.25	-103.49	106.77	0.63	454732.58	760640.18	454791.61	801824.12
10647.00	0.92	251.48	10589.43	-106.95	-850.66	32.25	-103.49	106.95	0.64	454732.40	760638.35	454791.43	801822.29
10742.00	1.41	251.04	10684.41	-107.57	-852.49	32.25	-103.49	107.57	0.52	454731.78	760636.52	454790.81	801820.46
10836.00	1.54	240.76	10778.38	-108.56	-854.69	32.25	-103.49	108.56	0.31	454730.79	760634.32	454789.82	801818.26
10931.00	1.27	205.95	10873.35	-110.13	-856.26	32.25	-103.49	110.13	0.93	454729.22	760632.75	454788.25	801816.69
11026.00	0.97	188.46	10968.34	-111.88	-856.84	32.25	-103.49	111.88	0.48	454727.47	760632.17	454786.50	801816.11
11068.00	0.79	196.72	11010.33	-112.50	-856.98	32.25	-103.49	112.50	0.52	454726.85	760632.03	454785.88	801815.97
11155.00	1.32	224.76	11097.32	-113.79	-857.86	32.25	-103.49	113.79	0.83	454725.56	760631.15	454784.59	801815.09
11250.00	9.54	200.94	11191.81	-121.93	-861.45	32.25	-103.49	121.93	8.79	454717.42	760627.56	454776.45	801811.50
11344.00	21.14	187.58	11282.34	-146.10	-866.48	32.25	-103.49	146.10	12.82	454693.25	760622.53	454752.28	801806.47
11439.00	34.68	183.37	11366.10	-190.27	-870.35	32.25	-103.49	190.27	14.39	454649.08	760618.66	454708.11	801802.60
11534.00	45.58	181.96	11438.63	-251.34	-873.11	32.25	-103.49	251.34	11.51	454588.01	760615.90	454647.04	801799.84
11628.00	56.88	180.46	11497.40	-324.50	-874.58	32.25	-103.49	324.50	12.08	454514.85	760614.43	454573.88	801798.37
11723.00	62.81	175.54	11545.12	-406.51	-871.61	32.25	-103.49	406.51	7.68	454432.84	760617.40	454491.87	801801.34
11818.00	74.51	175.89	11579.63	-494.60	-865.02								

12578.00	91.91	174.66	11616.18	-1249.98	-816.33	32.24	-103.49	1249.98	1.86	453589.37	760672.68	453648.40	801856.62
12672.00	89.98	176.77	11614.63	-1343.69	-809.31	32.24	-103.49	1343.69	3.04	453495.66	760679.70	453554.69	801863.64
12767.00	86.24	175.63	11617.76	-1438.42	-803.02	32.24	-103.49	1438.42	4.12	453400.93	760685.99	453459.96	801869.93
12862.00	84.57	178.00	11625.37	-1532.95	-797.75	32.24	-103.49	1532.95	3.05	453306.40	760691.26	453365.43	801875.20
12957.00	85.76	180.73	11633.38	-1627.60	-796.71	32.24	-103.49	1627.60	3.13	453211.75	760692.30	453270.78	801876.24
13051.00	86.07	181.43	11640.08	-1721.34	-798.47	32.24	-103.49	1721.34	0.81	453118.01	760690.54	453177.04	801874.48
13146.00	86.11	180.82	11646.55	-1816.10	-800.33	32.24	-103.49	1816.10	0.64	453023.25	760688.68	453082.28	801872.62
13241.00	86.46	180.38	11652.71	-1910.90	-801.33	32.24	-103.49	1910.90	0.59	452928.45	760687.68	452987.48	801871.62
13336.00	86.42	179.67	11658.61	-2005.71	-801.37	32.24	-103.49	2005.71	0.75	452833.64	760687.64	452892.67	801871.58
13431.00	86.90	179.50	11664.14	-2100.55	-800.68	32.24	-103.49	2100.55	0.54	452738.80	760688.33	452797.83	801872.27
13526.00	87.30	180.55	11668.95	-2195.43	-800.72	32.24	-103.49	2195.43	1.18	452643.92	760688.29	452702.95	801872.23
13620.00	86.95	180.55	11673.67	-2289.30	-801.62	32.24	-103.49	2289.30	0.37	452550.05	760687.39	452609.08	801871.33
13715.00	88.79	182.05	11677.20	-2384.21	-803.78	32.24	-103.49	2384.21	2.50	452455.14	760685.23	452514.17	801869.17
13810.00	88.63	182.84	11678.51	-2479.11	-807.83	32.24	-103.49	2479.11	1.21	452360.24	760681.18	452419.27	801865.12
13905.00	89.76	182.75	11679.01	-2574.00	-812.46	32.24	-103.49	2574.00	0.17	452265.35	760676.55	452324.38	801860.49
14033.00	92.44	183.89	11676.55	-2701.74	-819.87	32.24	-103.49	2701.74	2.28	452137.61	760669.14	452196.64	801853.08
14128.00	92.79	183.80	11672.22	-2796.43	-826.24	32.24	-103.49	2796.43	0.38	452042.92	760662.77	452101.95	801846.71
14223.00	93.05	184.33	11667.38	-2891.07	-832.96	32.24	-103.49	2891.07	0.62	451948.28	760656.05	452007.31	801839.99
14317.00	90.20	181.78	11664.72	-2984.88	-837.97	32.24	-103.49	2984.88	4.07	451854.47	760651.04	451913.50	801834.98
14412.00	89.85	182.13	11664.67	-3079.82	-841.21	32.24	-103.49	3079.82	0.52	451759.53	760647.80	451818.56	801831.74
14507.00	90.99	182.22	11663.98	-3174.75	-844.81	32.24	-103.49	3174.75	1.20	451664.60	760644.20	451723.63	801828.14
14602.00	89.32	181.34	11663.72	-3269.70	-847.77	32.24	-103.49	3269.70	1.99	451569.65	760641.24	451628.68	801825.18
14697.00	88.97	179.85	11665.14	-3364.68	-848.75	32.24	-103.49	3364.68	1.61	451474.67	760640.26	451533.70	801824.20
14792.00	85.05	180.46	11670.09	-3459.53	-849.01	32.24	-103.49	3459.53	4.18	451379.82	760640.00	451438.85	801823.94
14887.00	84.44	180.55	11678.79	-3554.13	-849.84	32.24	-103.49	3554.13	0.65	451285.22	760639.17	451344.25	801823.11
14982.00	84.48	180.64	11687.96	-3648.68	-850.82	32.24	-103.49	3648.68	0.10	451190.67	760638.19	451249.70	801822.13
15078.00	85.58	179.94	11696.28	-3744.32	-851.31	32.24	-103.49	3744.32	1.36	451095.03	760637.70	451154.06	801821.64
15173.00	86.81	178.88	11702.59	-3839.10	-850.33	32.24	-103.49	3839.10	1.71	451000.25	760638.68	451059.28	801822.62
15268.00	83.87	176.33	11710.30	-3933.68	-846.38	32.24	-103.49	3933.68	4.09	450905.67	760642.63	450964.70	801826.57
15363.00	82.81	176.25	11721.32	-4027.84	-840.27	32.24	-103.49	4027.84	1.12	450811.51	760648.74	450870.54	801832.68
15458.00	81.63	175.81	11734.18	-4121.74	-833.76	32.24	-103.49	4121.74	1.32	450717.61	760655.25	450776.64	801839.19
15553.00	82.42	176.25	11747.36	-4215.60	-827.24	32.24	-103.49	4215.60	0.95	450623.75	760661.77	450682.78	801845.71
15648.00	82.20	174.66	11760.08	-4309.44	-819.78	32.24	-103.49	4309.44	1.67	450529.91	760669.23	450588.94	801853.17
15742.00	82.64	174.31	11772.47	-4402.19	-810.83	32.24	-103.49	4402.19	0.60	450437.16	760678.18	450496.19	801862.12
15837.00	82.90	173.70	11784.43	-4495.92	-800.99	32.24	-103.49	4495.92	0.69	450343.43	760688.02	450402.46	801871.96
15937.00	83.69	174.05	11796.11	-4594.67	-790.39	32.24	-103.49	4594.67	0.86	450244.68	760698.62	450303.71	801882.56
16032.00	86.20	177.83	11804.48	-4689.04	-783.70	32.23	-103.49	4689.04	4.76	450150.31	760705.31	450209.34	801889.25
16127.00	86.11	177.83	11810.85	-4783.75	-780.11	32.23	-103.49	4783.75	0.09	450055.60	760708.90	450114.63	801892.84
16222.00	86.37	176.33	11817.08	-4878.42	-775.28	32.23	-103.49	4878.42	1.60	449960.93	760713.73	450019.96	801897.67
16317.00	85.19	176.95	11824.07	-4973.00	-769.73	32.23	-103.49	4973.00	1.40	449866.35	760719.28	449925.38	801903.22
16412.00	85.45	178.36	11831.82	-5067.60	-765.85	32.23	-103.49	5067.60	1.50	449771.75	760723.16	449830.78	801907.10
16507.00	84.00	181.34	11840.56	-5162.19	-765.60	32.23	-103.49	5162.19	3.48	449677.16	760723.41	449736.19	801907.35
16602.00	85.67	180.73	11849.11	-5256.78	-767.31	32.23	-103.49	5256.78	1.87	449582.57	760721.70	449641.60	801905.64
16697.00	84.18	180.90	11857.51	-5351.40	-768.66	32.23	-103.49	5351.40	1.58	449487.95	760720.35	449546.98	801904.29
16792.00	84.35	181.17	11867.01	-5445.91	-770.36	32.23	-103.49	5445.91	0.33	449393.44	760718.65	449452.47	801902.59
16887.00	84.79	180.90	11876.00	-5540.46	-772.07	32.23	-103.49	5540.46	0.54	449298.89	760716.94	449357.92	801900.88
16982.00	86.02	180.55	11883.61	-5635.15	-773.27	32.23	-103.49	5635.15	1.35	449204.20	760715.74	449263.23	801899.68
17077.00	86.24	180.55	11890.02	-5729.93	-774.18	32.23	-103.49	5729.93	0.23	449109.42	760714.83	449168.45	801898.77
17172.00	85.93	181.26	11896.51	-5824.69	-775.68	32.23	-103.49	5824.69	0.81	449014.66	760713.33	449073.69	801897.27
17267.00	85.49	181.52	11903.61	-5919.40	-777.97	32.23	-103.49	5919.40	0.54	448919.95	760711.04	448978.98	801894.98
17362.00	86.37	181.43	11910.35	-6014.13	-780.41	32.23	-103.49	6014.13	0.93	448825.22	760708.60	448884.25	801892.54
17457.00	86.64	181.26	11916.15	-6108.92	-782.64	32.23	-103.49	6108.92	0.34	448730.43	760706.37	448789.46	801890.31
17552.00	90.64	181.26	11918.40	-6203.85	-784.73	32.23	-103.49	6203.85	4.21	448635.50	760704.28	448694.53	801888.22
17647.00	91.47	181.08	11916.65	-6298.82	-786.67	32.23	-103.49	6298.82	0.89	448540.53	760702.34	448599.56	801886.28
17742.00	92.00	181.43	11913.77	-6393.75	-788.75	32.23	-103.49	6393.75	0.67	448445.60	760700.26	448504.63	801884.20
17837.00	91.47	180.64	11910.90	-6488.69	-790.46	32.23	-103.49	6488.69	1.00	448350.66	760698.55	448409.69	801882.49
17932.00	89.98	180.11	11909.70	-6583.68	-791.08	32.23	-103.49	6583.68	1.66	448255.67	760697.93	448314.70	801881.87
18027.00	88.00	180.46	11911.37	-6678.66	-791.56	32.23	-103.49	6678.66	2.12	448160.69	760697.45	448219.72	801881.39
18122.00	88.92	181.52	11913.92	-6773.61	-793.20	32.23	-103.49	6773.61	1.48	448065.74	760695.81	448124.77	801879.75
18217.00	88.26	181.87	11916.26	-6868.54	-796.01	32.23	-103.49	6868.54	0.79	447970.81	760693.00	448029.84	801876.94
18312.00	88.00	183.01	11919.36	-6963.40	-800.05	32.23	-103.49	6963.40	1.23	447875.95	760688.96	447934.98	801872.90
18407.00	86.20	181.08	11924.17	-7058.21	-803.43	32.23	-103.49	7058.21	2.78	447781.14	760685.58	447840.17	801869.52
18502.00	86.42	180.73	11930.28	-7153.00	-804.93	32.23	-103.49	7153.00	0.43	447686.35	760684.08	447745.38	801868.02
18597.00	87.21	180.38	11935.56	-7247.85	-805.85	32.23	-103.49	7247.85	0.91	447591.50	760683.16	447650.53	801867.10
18692.00	85.67	178.36</											

19603.00	92.13	177.48	11969.82	-8251.91	-772.80	32.22	-103.49	8251.91	0.00	446587.44	760716.21	446646.47	801900.15
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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 3001.  
Central meridian is -104.333°.  
Grid Convergence at Surface is 0.451°.

Based upon Minimum Curvature type calculations, at a Measured Depth of 19603.00ft.,  
the Bottom Hole Displacement is 8288.02ft., in the Direction of 180.000° (Grid).

KAISER FRANCIS OIL CO.  
BELL LAKE UNIT S. 418H - HORIZONTAL

LEA COUNTY, N.M. 27

SEC 5-T24S-R34E

Your Ref:

Measured Depth (ft)	Incl. (ft)	Azim. (deg)	Vertical				LATDEC (ft)	LONGDEC (deg/100ft)	Vertical Section	Dogleg Rate
			Depth (ft)	Northings (ft)	Eastings (ft)					
0.00	0.00	0.00	0.00	0.00	0.00		32.25	-103.48	0.00	0.00
138.00	0.31	234.95	138.00	-0.21	-0.31		32.25	-103.48	0.21	0.22
235.00	0.18	217.72	235.00	-0.49	-0.61		32.25	-103.48	0.49	0.15
327.00	0.13	249.54	327.00	-0.64	-0.80		32.25	-103.48	0.64	0.11
417.00	0.18	254.46	417.00	-0.71	-1.03		32.25	-103.48	0.71	0.06
600.00	0.66	58.11	599.99	-0.23	-0.41		32.25	-103.48	0.23	0.46
690.00	1.01	51.70	689.98	0.54	0.65		32.25	-103.48	-0.54	0.40
782.00	1.19	56.44	781.97	1.57	2.08		32.25	-103.48	-1.57	0.22
873.00	1.19	46.86	872.95	2.73	3.56		32.25	-103.48	-2.73	0.22
963.00	1.36	43.61	962.93	4.15	4.98		32.25	-103.48	-4.15	0.21
1054.00	1.45	42.99	1053.90	5.77	6.51		32.25	-103.48	-5.77	0.10
1144.00	1.49	42.12	1143.87	7.47	8.07		32.25	-103.48	-7.47	0.05
1248.00	1.27	28.32	1247.84	9.49	9.52		32.25	-103.48	-9.49	0.38
1343.00	1.67	29.63	1342.81	11.62	10.71		32.25	-103.48	-11.62	0.42
1438.00	1.71	24.36	1437.77	14.11	11.97		32.25	-103.48	-14.11	0.17
1533.00	1.54	16.36	1532.73	16.63	12.92		32.25	-103.48	-16.63	0.30
1628.00	1.71	20.85	1627.69	19.18	13.78		32.25	-103.48	-19.18	0.22
1723.00	1.80	22.34	1722.65	21.88	14.85		32.25	-103.48	-21.88	0.11
1817.00	1.49	7.49	1816.61	24.46	15.57		32.25	-103.48	-24.46	0.56
1912.00	1.98	2.30	1911.56	27.33	15.80		32.25	-103.48	-27.33	0.54
2007.00	1.63	358.79	2006.52	30.32	15.84		32.25	-103.48	-30.32	0.39
2102.00	1.54	21.72	2101.48	32.85	16.28		32.25	-103.48	-32.85	0.67
2197.00	1.71	20.76	2196.44	35.36	17.26		32.25	-103.48	-35.36	0.18
2291.00	1.14	291.55	2290.42	37.02	16.89		32.25	-103.48	-37.02	2.17
2386.00	1.80	252.26	2385.39	36.91	14.58		32.25	-103.48	-36.91	1.23
2481.00	3.60	238.81	2480.28	34.91	10.61		32.25	-103.48	-34.91	2.00
2576.00	4.66	234.60	2575.04	31.13	4.91		32.25	-103.48	-31.13	1.16
2671.00	5.54	237.23	2669.66	26.41	-2.09		32.25	-103.48	-26.41	0.96
2766.00	6.64	240.66	2764.12	21.24	-10.73		32.25	-103.48	-21.24	1.22
2861.00	7.03	245.05	2858.45	16.10	-20.79		32.25	-103.48	-16.10	0.69
2956.00	7.74	247.52	2952.66	11.20	-31.97		32.25	-103.48	-11.20	0.82
3051.00	7.60	246.20	3046.81	6.22	-43.63		32.25	-103.48	-6.22	0.24

3146.00	8.26	256.39	3140.90	2.08	-56.01	32.25	-103.48	-2.08	1.63
3240.00	8.97	264.92	3233.85	-0.16	-69.87	32.25	-103.48	0.16	1.55
3335.00	8.40	261.58	3327.76	-1.83	-84.12	32.25	-103.48	1.83	0.80
3430.00	8.00	264.21	3421.79	-3.52	-97.56	32.25	-103.48	3.52	0.58
3525.00	7.34	264.30	3515.94	-4.79	-110.17	32.25	-103.48	4.79	0.69
3620.00	7.21	267.20	3610.17	-5.68	-122.17	32.25	-103.48	5.68	0.41
3715.00	6.95	264.83	3704.45	-6.49	-133.84	32.25	-103.48	6.49	0.41
3809.00	6.46	265.80	3797.80	-7.39	-144.78	32.25	-103.48	7.39	0.54
3904.00	6.90	264.30	3892.16	-8.35	-155.79	32.25	-103.48	8.35	0.50
3999.00	7.43	260.61	3986.42	-9.92	-167.53	32.25	-103.48	9.92	0.74
4093.00	6.90	263.25	4079.68	-11.57	-179.13	32.25	-103.48	11.57	0.66
4188.00	7.03	258.15	4173.98	-13.44	-190.49	32.25	-103.48	13.44	0.66
4283.00	6.86	246.72	4268.29	-16.87	-201.39	32.25	-103.48	16.87	1.46
4378.00	5.76	245.85	4362.71	-21.06	-210.95	32.25	-103.48	21.06	1.16
4473.00	5.45	245.14	4457.26	-24.91	-219.40	32.25	-103.48	24.91	0.33
4568.00	7.43	244.88	4551.66	-29.42	-229.05	32.25	-103.48	29.42	2.08
4663.00	6.55	234.42	4645.95	-35.18	-239.02	32.25	-103.48	35.18	1.63
4758.00	6.29	238.81	4740.36	-41.02	-247.88	32.25	-103.48	41.02	0.58
4853.00	7.47	255.34	4834.68	-45.28	-258.31	32.25	-103.48	45.28	2.41
4947.00	6.81	254.46	4927.95	-48.32	-269.59	32.25	-103.48	48.32	0.71
5013.00	6.20	254.02	4993.53	-50.35	-276.79	32.25	-103.48	50.35	0.93
5126.00	5.67	256.30	5105.92	-53.35	-288.07	32.25	-103.48	53.35	0.51
5221.00	4.88	255.78	5200.52	-55.46	-296.55	32.25	-103.49	55.46	0.83
5315.00	6.15	262.11	5294.08	-57.13	-305.42	32.25	-103.49	57.13	1.50
5410.00	7.34	261.23	5388.42	-58.76	-316.45	32.25	-103.49	58.76	1.26
5505.00	8.44	260.08	5482.52	-60.88	-329.32	32.25	-103.49	60.88	1.17
5600.00	8.57	258.15	5576.48	-63.54	-343.11	32.25	-103.49	63.54	0.33
5695.00	8.62	259.03	5670.41	-66.34	-357.03	32.25	-103.49	66.34	0.15
5790.00	8.35	258.59	5764.37	-69.06	-370.78	32.25	-103.49	69.06	0.29
5885.00	8.35	258.15	5858.36	-71.84	-384.29	32.25	-103.49	71.84	0.07
5979.00	8.09	257.89	5951.40	-74.63	-397.44	32.25	-103.49	74.63	0.28
6074.00	7.34	254.72	6045.54	-77.64	-409.83	32.25	-103.49	77.64	0.91
6169.00	6.99	254.63	6139.79	-80.77	-421.26	32.25	-103.49	80.77	0.37
6264.00	6.81	254.20	6234.11	-83.83	-432.25	32.25	-103.49	83.83	0.20
6359.00	6.64	254.81	6328.45	-86.81	-442.97	32.25	-103.49	86.81	0.19
6454.00	6.64	255.60	6422.82	-89.61	-453.59	32.25	-103.49	89.61	0.10
6549.00	6.77	252.17	6517.17	-92.69	-464.24	32.25	-103.49	92.69	0.44
6644.00	6.64	252.44	6611.52	-96.06	-474.81	32.25	-103.49	96.06	0.14
6739.00	6.68	252.26	6705.88	-99.40	-485.31	32.25	-103.49	99.40	0.05
6834.00	6.24	251.91	6800.27	-102.69	-495.48	32.25	-103.49	102.69	0.47
6929.00	5.63	252.88	6894.76	-105.67	-504.84	32.25	-103.49	105.67	0.65
7024.00	6.24	254.02	6989.25	-108.46	-514.26	32.25	-103.49	108.46	0.65
7119.00	7.38	256.92	7083.58	-111.26	-525.17	32.25	-103.49	111.26	1.25
7213.00	7.08	255.43	7176.83	-114.08	-536.65	32.25	-103.49	114.08	0.38
7308.00	6.90	257.18	7271.13	-116.82	-547.88	32.25	-103.49	116.82	0.29
7403.00	6.95	257.01	7365.44	-119.38	-559.05	32.25	-103.49	119.38	0.06
7498.00	6.51	258.15	7459.78	-121.78	-569.92	32.25	-103.49	121.78	0.48

7593.00	6.64	256.04	7554.16	-124.21	-580.52	32.25	-103.49	124.21	0.29
7688.00	6.42	254.37	7648.54	-126.97	-590.97	32.25	-103.49	126.97	0.31
7783.00	6.11	254.72	7742.97	-129.73	-600.96	32.25	-103.49	129.73	0.33
7878.00	5.45	252.44	7837.49	-132.42	-610.14	32.25	-103.49	132.42	0.74
7972.00	5.32	248.92	7931.07	-135.34	-618.46	32.25	-103.49	135.34	0.38
8067.00	4.66	248.04	8025.71	-138.36	-626.15	32.25	-103.49	138.36	0.70
8162.00	4.62	244.62	8120.40	-141.45	-633.18	32.25	-103.49	141.45	0.29
8257.00	4.13	241.45	8215.13	-144.72	-639.64	32.25	-103.49	144.72	0.57
8352.00	3.60	238.64	8309.91	-147.91	-645.20	32.25	-103.49	147.91	0.59
8447.00	3.78	245.41	8404.71	-150.76	-650.59	32.25	-103.49	150.76	0.50
8541.00	3.52	247.69	8498.52	-153.15	-656.08	32.25	-103.49	153.15	0.32
8636.00	3.43	243.03	8593.35	-155.55	-661.31	32.25	-103.49	155.55	0.31
8731.00	3.03	240.75	8688.20	-158.06	-666.03	32.25	-103.49	158.06	0.44
8826.00	2.73	244.53	8783.08	-160.26	-670.26	32.25	-103.49	160.26	0.37
8921.00	2.46	241.98	8877.98	-162.19	-674.11	32.25	-103.49	162.19	0.31
9016.00	2.46	238.99	8972.89	-164.20	-677.65	32.25	-103.49	164.20	0.14
9111.00	2.11	248.48	9067.82	-165.89	-681.03	32.25	-103.49	165.89	0.54
9206.00	2.55	242.59	9162.74	-167.51	-684.53	32.25	-103.49	167.51	0.53
9301.00	2.29	246.02	9257.65	-169.25	-688.14	32.25	-103.49	169.25	0.31
9395.00	1.93	245.67	9351.59	-170.67	-691.30	32.25	-103.49	170.67	0.38
9490.00	2.07	258.33	9446.53	-171.67	-694.44	32.25	-103.49	171.67	0.49
9585.00	2.46	262.02	9541.46	-172.30	-698.14	32.25	-103.49	172.30	0.44
9680.00	2.77	249.27	9636.36	-173.40	-702.30	32.25	-103.49	173.40	0.69
9775.00	2.33	233.19	9731.27	-175.37	-706.00	32.25	-103.49	175.37	0.88
9870.00	1.67	226.42	9826.21	-177.48	-708.54	32.25	-103.49	177.48	0.74
9965.00	1.32	238.46	9921.17	-179.01	-710.48	32.25	-103.49	179.01	0.49
10059.00	1.23	229.76	10015.15	-180.22	-712.17	32.25	-103.49	180.22	0.23
10154.00	1.05	223.96	10110.13	-181.51	-713.56	32.25	-103.49	181.51	0.22
10249.00	0.97	205.42	10205.12	-182.86	-714.51	32.25	-103.49	182.86	0.35
10344.00	1.01	196.28	10300.10	-184.39	-715.09	32.25	-103.49	184.39	0.17
10439.00	1.10	198.12	10395.09	-186.06	-715.60	32.25	-103.49	186.06	0.10
10534.00	1.10	180.54	10490.07	-187.84	-715.90	32.25	-103.49	187.84	0.35
10629.00	1.14	180.54	10585.05	-189.70	-715.91	32.25	-103.49	189.70	0.04
10724.00	1.45	183.44	10680.03	-191.84	-715.99	32.25	-103.49	191.84	0.33
10818.00	1.19	209.28	10774.00	-193.88	-716.54	32.25	-103.49	193.88	0.68
10913.00	1.01	238.99	10868.99	-195.17	-717.74	32.25	-103.49	195.17	0.62
10964.00	0.62	257.80	10919.98	-195.46	-718.40	32.25	-103.49	195.46	0.92
11059.00	0.75	314.49	11014.98	-195.13	-719.34	32.25	-103.49	195.13	0.70
11152.00	3.52	182.12	11107.92	-197.56	-719.88	32.25	-103.49	197.56	4.37
11247.00	2.95	168.77	11202.77	-202.87	-719.52	32.25	-103.49	202.87	0.99
11342.00	13.10	163.58	11296.72	-215.63	-715.99	32.25	-103.49	215.63	10.70
11437.00	23.74	164.11	11386.72	-244.43	-707.68	32.25	-103.49	244.43	11.20
11531.00	38.90	164.28	11466.79	-291.32	-694.43	32.25	-103.49	291.32	16.13
11626.00	49.23	162.53	11534.96	-354.52	-675.50	32.25	-103.49	354.52	10.95
11721.00	55.96	165.69	11592.65	-427.07	-654.94	32.25	-103.49	427.07	7.56
11816.00	62.37	173.78	11641.38	-507.22	-640.62	32.25	-103.49	507.22	9.94
11911.00	77.85	177.99	11673.61	-596.04	-634.39	32.25	-103.49	596.04	16.81

12006.00	88.75	176.50	11684.68	-690.14	-629.85	32.25	-103.49	690.14	11.58
12101.00	87.74	177.99	11687.59	-784.98	-625.29	32.25	-103.49	784.98	1.89
12195.00	87.82	181.95	11691.23	-878.89	-625.24	32.25	-103.49	878.89	4.21
12290.00	87.69	180.37	11694.95	-973.80	-627.16	32.25	-103.49	973.80	1.67
12385.00	87.21	179.93	11699.18	-1068.70	-627.41	32.24	-103.49	1068.70	0.69
12480.00	87.38	180.10	11703.66	-1163.59	-627.43	32.24	-103.49	1163.59	0.25
12575.00	87.25	178.08	11708.11	-1258.47	-625.93	32.24	-103.49	1258.47	2.13
12670.00	89.23	182.04	11711.03	-1353.41	-626.03	32.24	-103.49	1353.41	4.66
12765.00	90.20	183.36	11711.50	-1448.30	-630.50	32.24	-103.49	1448.30	1.72
12860.00	88.44	181.77	11712.63	-1543.19	-634.75	32.24	-103.49	1543.19	2.50
12954.00	87.16	180.19	11716.24	-1637.10	-636.36	32.24	-103.49	1637.10	2.16
13049.00	88.35	179.84	11719.96	-1732.02	-636.38	32.24	-103.49	1732.02	1.31
13144.00	88.22	179.22	11722.81	-1826.98	-635.61	32.24	-103.49	1826.98	0.67
13239.00	87.96	177.64	11725.97	-1921.89	-633.00	32.24	-103.49	1921.89	1.68
13334.00	89.01	179.66	11728.48	-2016.82	-630.77	32.24	-103.49	2016.82	2.40
13429.00	90.29	178.79	11729.06	-2111.81	-629.48	32.24	-103.49	2111.81	1.63
13524.00	88.66	179.40	11729.93	-2206.79	-627.98	32.24	-103.49	2206.79	1.83
13618.00	88.70	178.17	11732.10	-2300.74	-625.99	32.24	-103.49	2300.74	1.31
13713.00	87.56	178.17	11735.20	-2395.64	-622.96	32.24	-103.49	2395.64	1.20
13808.00	87.91	175.71	11738.95	-2490.42	-617.89	32.24	-103.49	2490.42	2.61
13903.00	87.56	175.97	11742.71	-2585.10	-611.00	32.24	-103.49	2585.10	0.46
13998.00	88.40	178.17	11746.06	-2679.91	-606.15	32.24	-103.49	2679.91	2.48
14093.00	87.16	182.12	11749.74	-2774.82	-606.39	32.24	-103.49	2774.82	4.35
14188.00	90.33	182.74	11751.82	-2869.69	-610.42	32.24	-103.49	2869.69	3.40
14282.00	91.21	181.86	11750.56	-2963.61	-614.19	32.24	-103.49	2963.61	1.32
14378.00	90.15	182.56	11749.42	-3059.53	-617.89	32.24	-103.49	3059.53	1.32
14472.00	91.47	181.95	11748.09	-3153.44	-621.59	32.24	-103.49	3153.44	1.55
14567.00	90.33	182.21	11746.60	-3248.37	-625.04	32.24	-103.49	3248.37	1.23
14662.00	90.68	182.39	11745.76	-3343.29	-628.85	32.24	-103.49	3343.29	0.41
14757.00	90.81	183.09	11744.52	-3438.17	-633.39	32.24	-103.49	3438.17	0.75
14851.00	92.88	183.18	11741.50	-3531.98	-638.53	32.24	-103.49	3531.98	2.20
14946.00	91.21	184.15	11738.11	-3626.72	-644.60	32.24	-103.49	3626.72	2.03
15041.00	90.11	183.36	11737.01	-3721.50	-650.82	32.24	-103.49	3721.50	1.43
15136.00	87.16	180.37	11739.28	-3816.41	-653.91	32.24	-103.49	3816.41	4.42
15231.00	86.11	180.10	11744.85	-3911.24	-654.30	32.24	-103.49	3911.24	1.14
15326.00	86.68	179.66	11750.83	-4006.05	-654.10	32.24	-103.49	4006.05	0.76
15421.00	85.76	179.58	11757.09	-4100.84	-653.47	32.24	-103.49	4100.84	0.97
15515.00	84.00	180.28	11765.48	-4194.46	-653.36	32.24	-103.49	4194.46	2.01
15610.00	85.10	180.02	11774.50	-4289.03	-653.60	32.24	-103.49	4289.03	1.19
15705.00	83.96	178.79	11783.56	-4383.59	-652.62	32.24	-103.49	4383.59	1.76
15800.00	84.75	177.55	11792.90	-4478.08	-649.60	32.24	-103.49	4478.08	1.54
15895.00	85.05	179.58	11801.35	-4572.67	-647.23	32.24	-103.49	4572.67	2.15
15989.00	83.30	180.02	11810.89	-4666.18	-646.91	32.24	-103.49	4666.18	1.92
16084.00	84.44	178.87	11821.03	-4760.63	-645.99	32.23	-103.49	4760.63	1.70
16179.00	83.47	178.96	11831.04	-4855.08	-644.20	32.23	-103.49	4855.08	1.03
16274.00	84.70	178.43	11840.83	-4949.55	-642.05	32.23	-103.49	4949.55	1.41
16369.00	83.65	177.99	11850.47	-5044.01	-639.10	32.23	-103.49	5044.01	1.20

16464.00	85.23	177.20	11859.67	-5138.47	-635.13	32.23	-103.49	5138.47	1.86
16559.00	85.32	177.82	11867.50	-5233.06	-631.02	32.23	-103.49	5233.06	0.66
16653.00	84.97	178.26	11875.45	-5326.67	-627.81	32.23	-103.49	5326.67	0.60
16780.00	85.98	177.99	11885.47	-5453.20	-623.67	32.23	-103.49	5453.20	0.82
16875.00	86.15	177.03	11891.99	-5547.89	-619.55	32.23	-103.49	5547.89	1.02
16970.00	84.62	177.99	11899.64	-5642.49	-615.44	32.23	-103.49	5642.49	1.90
17065.00	84.92	177.47	11908.30	-5737.02	-611.69	32.23	-103.49	5737.02	0.63
17160.00	84.22	179.14	11917.29	-5831.55	-608.89	32.23	-103.49	5831.55	1.90
17255.00	83.82	178.96	11927.18	-5926.02	-607.33	32.23	-103.49	5926.02	0.46
17349.00	83.21	178.35	11937.80	-6019.39	-605.13	32.23	-103.49	6019.39	0.91
17444.00	83.08	178.17	11949.14	-6113.67	-602.27	32.23	-103.49	6113.67	0.23
17539.00	82.46	177.91	11961.09	-6207.85	-599.05	32.23	-103.49	6207.85	0.71
17634.00	81.54	176.85	11974.32	-6301.83	-594.75	32.23	-103.49	6301.83	1.47
17729.00	80.48	177.55	11989.16	-6395.55	-590.16	32.23	-103.49	6395.55	1.33
17824.00	80.18	177.38	12005.12	-6489.11	-586.02	32.23	-103.49	6489.11	0.36
17918.00	83.47	181.25	12018.49	-6582.11	-584.92	32.23	-103.49	6582.11	5.37
18013.00	83.56	181.60	12029.22	-6676.48	-587.27	32.23	-103.49	6676.48	0.38
18108.00	85.71	180.28	12038.10	-6771.04	-588.82	32.23	-103.49	6771.04	2.65
18203.00	86.20	180.46	12044.80	-6865.80	-589.43	32.23	-103.49	6865.80	0.55
18297.00	86.55	180.19	12050.74	-6959.61	-589.96	32.23	-103.49	6959.61	0.47
18392.00	85.49	178.52	12057.34	-7054.37	-588.90	32.23	-103.49	7054.37	2.08
18487.00	90.15	178.43	12060.95	-7149.24	-586.37	32.23	-103.49	7149.24	4.91
18582.00	90.86	178.96	12060.11	-7244.21	-584.21	32.23	-103.49	7244.21	0.93
18677.00	92.18	180.98	12057.59	-7339.17	-584.16	32.23	-103.49	7339.17	2.54
18771.00	90.46	179.93	12055.43	-7433.14	-584.90	32.23	-103.49	7433.14	2.14
18866.00	91.65	180.37	12053.68	-7528.12	-585.15	32.23	-103.49	7528.12	1.34
18961.00	90.02	180.81	12052.30	-7623.10	-586.13	32.23	-103.49	7623.10	1.78
19056.00	88.53	181.16	12053.50	-7718.08	-587.76	32.23	-103.49	7718.08	1.61
19151.00	86.37	181.60	12057.72	-7812.95	-590.05	32.23	-103.49	7812.95	2.32
19246.00	85.85	181.42	12064.17	-7907.70	-592.55	32.23	-103.49	7907.70	0.58
19340.00	85.85	180.81	12070.97	-8001.43	-594.37	32.23	-103.49	8001.43	0.65
19435.00	88.57	180.19	12075.59	-8096.31	-595.20	32.23	-103.49	8096.31	2.94
19530.00	87.82	178.61	12078.59	-8191.25	-594.20	32.23	-103.49	8191.25	1.84
19625.00	86.77	177.20	12083.07	-8286.08	-590.74	32.23	-103.49	8286.08	1.85
19685.00	86.77	177.20	12086.45	-8345.91	-587.81	32.22	-103.49	8345.91	0.00

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).

Based upon Minimum Curvature type calculations, at a Measured Depth of 19685.00ft.,  
 the Bottom Hole Displacement is 8366.59ft., in the Direction of 180.000° (Grid).

STATE OF NEW MEXICO  
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT  
OIL CONSERVATION DIVISION

APPLICATIONS OF KAISER-FRANCIS OIL  
COMPANY FOR COMPULSORY POOLING,  
LEA COUNTY, NEW MEXICO.

Case Nos. 23211 - 23212

**SELF-AFFIRMED STATEMENT OF NOTICE**

COUNTY OF SANTA FE      )  
                                )  
                                ) ss.  
STATE OF NEW MEXICO    )

James Bruce deposes and states:

1. I am over the age of 18, and have personal knowledge of the matters stated herein.
2. I am an attorney for Kaiser-Francis Oil Company.
3. Kaiser-Francis Oil Company has conducted a good faith, diligent effort to find the names and correct addresses of the interest owners entitled to receive notice of the applications filed herein.
4. Notice of the application was provided to the interest owner, at its last known address, by certified mail. Copies of the notice letter and certified return receipt are attached hereto as Attachment A.
5. Applicant has complied with the notice provisions of Division Rules.
6. I understand that this Self-Affirmed Statement will be used as written testimony in this case. I affirm that my testimony in paragraphs 1 through 5 above is true and correct and is made under penalty of perjury under the laws of the State of New Mexico. My testimony is made as of the date handwritten next to my signature below.

Date: 11/29/22

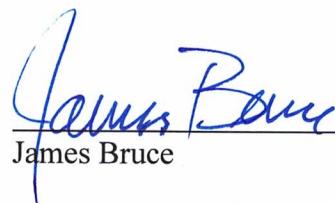
  
\_\_\_\_\_  
James Bruce

EXHIBIT 4

JAMES BRUCE  
ATTORNEY AT LAW

POST OFFICE BOX 1056  
SANTA FE, NEW MEXICO 87504

369 MONTEZUMA, NO. 213  
SANTA FE, NEW MEXICO 87501

(505) 982-2043 (Phone)  
(505) 660-6612 (Cell)  
(505) 982-2151 (Fax)  
[jamesbrue@aol.com](mailto:jamesbrue@aol.com)

November 10, 2022

CERTIFIED MAIL – RETURN RECEIPT REQUESTED

MRC Permian Company  
Suite 1500  
5400 LBJ Freeway  
Dallas, Texas 75240

Attention: Kyle Perkins

Ladies and gentlemen:

Enclosed are copies of two applications for compulsory pooling, filed with the New Mexico Oil Conservation Division by Kaiser-Francis Oil Company, seeking the following:

Case No. 23211: Kaiser-Francis Oil Company seeks an order pooling all uncommitted mineral interest owners in the Bone Spring formation underlying a horizontal spacing unit comprised of the SE/4 of Section 5 and the E/2 of Section 8, Township 24 South, Range 34 East, N.M.P.M. The unit will be dedicated to (a) The Bell Lake Unit South Well No. 217H, with a first take point in the NW/4SE/4 of Section 5 and a last take point in the SW/4SE/4 of Section 8; and (b) The Bell Lake Unit South Well No. 218H, with a first take point in the NE/4SE/4 of Section 5 and a last take point in the SE/4SE/4 of Section 8; and

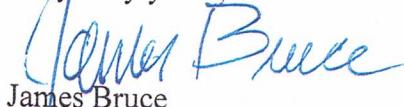
:  
Case No. 213212: Kaiser-Francis Oil Company seeks an order pooling all uncommitted mineral interest owners in the Wolfcamp formation underlying a horizontal spacing unit comprised of the SE/4 of Section 5 and the E/2 of Section 8, Township 24 South, Range 34 East, N.M.P.M. The unit will be dedicated to (a) The Bell Lake Unit South Well No. 417H, with a first take point in the NW/4SE/4 of Section 5 and a last take point in the SW/4SE/4 of Section 8; and (b) The Bell Lake Unit South Well No. 418H, with a first take point in the NE/4SE/4 of Section 5 and a last take point in the SE/4SE/4 of Section 8.

ATTACHMENT

A

These matters are scheduled for hearing at 8:15 a.m. on Thursday, December 1, 2022. During the current circumstances, state buildings are closed to the public and the hearing will be conducted remotely. To view the hearing docket and to determine how to participate in an electronic hearing, go to <https://www.emnrd.nm.gov/ocd/hearing-info/>, or contact Marlene Salvidrez at [Marlene.Salvidrez@emnrd.nm.gov](mailto:Marlene.Salvidrez@emnrd.nm.gov). You are not required to attend this hearing, but as an owner of an interest who may be affected by the applications, you may appear and present testimony. Failure to appear at that time and become a party of record will preclude you from contesting these matters at a later date. A party appearing in a Division case is required by Division Rules to file a Pre-Hearing Statement no later than five business days before the hearing date.. This statement may be filed online with the Division at [ocd.hearings@emnrd.nm.gov](mailto:ocd.hearings@emnrd.nm.gov), and should include: The name of the party and his or her attorney; a concise statement of the case; the name(s) of the witness(es) the party will call to testify at the hearing; the approximate time the party will need to present his or her case; and identification of any procedural matters that need to be resolved prior to the hearing. The Pre-Hearing Statement must also be provided to the undersigned.

Very truly yours,



James Bruce

Attorney for Kaiser-Francis Oil Company

R/K of B.L. 1/26/2023

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<input type="checkbox"/> Certified Mail Restricted Delivery \$ _____	
<input type="checkbox"/> Adult Signature Required \$ _____	
<input type="checkbox"/> Adult Signature Restricted Delivery \$ _____	
Postage \$	MRC Permian Company Suite 1500 5400 LBJ Freeway Dallas, Texas 75240
Total Postage and Fees \$	
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City, State, ZIP+4	

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

RFD  
B.Lake

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 Adult Signature Restricted Delivery \$ \_\_\_\_\_

Postage  
\$ \_\_\_\_\_

Total Postage and Fee MRC Permian Company  
Suite 1500  
5400 LBJ Freeway  
Dallas, Texas 75240

Sent To \_\_\_\_\_  
Street and Apt. No., or P.O. Box No. \_\_\_\_\_  
City, State, ZIP+4® \_\_\_\_\_

PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions

<b>SENDER: COMPLETE THIS SECTION</b>		<b>COMPLETE THIS SECTION ON DELIVERY</b>	
<ul style="list-style-type: none"> <li>■ Complete Items 1, 2, and 3.</li> <li>■ Print your name and address on the reverse so that we can return the card to you.</li> <li>■ Attach this card to the back of the mailpiece, or on the front if space permits.</li> </ul>		<p><b>A. Signature</b> <b>X</b> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee</p> <p><b>B. Received by (Printed Name)</b> <b>C. Date of Delivery</b></p> <p><b>D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No</b></p>	
<p>1. Article Addressed to:</p> <p>MRC Permian Company Suite 1500 5400 LBJ Freeway Dallas, Texas 75240</p> <p>9590 9402 7635 2122 8554 66</p> <p></p>		<p>3. Service Type</p> <p><input type="checkbox"/> Adult Signature  <input type="checkbox"/> Adult Signature Restricted Delivery  <input checked="" type="checkbox"/> Certified Mail®  <input type="checkbox"/> Certified Mail Restricted Delivery  <input type="checkbox"/> Collect on Delivery</p> <p><input type="checkbox"/> Priority Mail Express®  <input type="checkbox"/> Registered Mail™  <input type="checkbox"/> Registered Mail Restricted Delivery  <input type="checkbox"/> Signature Confirmation™  <input type="checkbox"/> Signature Confirmation Restricted Delivery</p>	
<p>2. Article Number</p> <p>7022 1670 0002 1183 0435</p>		<p>Delivery (over \$500)</p>	
<p>PS Form 3811, July 2020 PSN 7530-02-000-9053 <i>1183 1670 0002 7022</i> Domestic Return Receipt</p>			

# COMPULSORY POOLING APPLICATION CHECKLIST

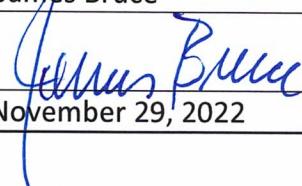
**ALL INFORMATION IN THE APPLICATION MUST BE SUPPORTED BY SIGNED AFFIDAVITS**

<b>Case:</b>	<b>23212</b>
<b>Date</b>	<b>December 1, 2022</b>
Applicant	Kaiser-Francis Oil Company
Designated Operator & OGRID (affiliation if applicable)	Kaiser-Francis Oil Company/OGRID No. 12361
Applicant's Counsel:	James Bruce
Case Title:	Application of Kaiser-Francis Oil Company for Compulsory Pooling, Lea County, New Mexico
Entries of Appearance/Intervenors:	MRC Permian Company/Holland & Hart LLP
Well Family	Bell Lake Unit-South Block Wells
<b>Formation/Pool</b>	
Formation Name(s) or Vertical Extent:	Wolfcamp Formation
Primary Product (Oil or Gas):	Oil
Pooling this vertical extent:	Entire Wolfcamp formation
Pool Name and Pool Code:	Bell Lake; Wolfcamp, South/Pool Code 98266
Well Location Setback Rules:	Special rules and current horizontal well rules
Spacing Unit Size:	480 acres
<b>Spacing Unit</b>	
Type (Horizontal/Vertical)	Horizontal
Size (Acres)	480 acres
Building Blocks:	480 acres
Orientation:	North-South
Description: TRS/County	SE/4 §5 and E/2 §8-24S-34E, NMMP, Lea County
Standard Horizontal Well Spacing Unit (Y/N), If No, describe	Yes
<b>Other Situations</b>	
Depth Severance: Y/N. If yes, description	No
Proximity Tracts: If yes, description	No
Proximity Defining Well: if yes, description	
Applicant's Ownership in Each Tract	
<b>Well(s)</b>	
Name & API (if assigned), surface and bottom hole location, footages, completion target, orientation, completion status (standard or non-standard)	Bell Lake Unit-South Block Well No. 417H API No. 30-025-48213 SHL: 2244 FNL & 1398 FEL §5 BHL: 103 FSL & 2250 FEL §8 FTP: 2540 FSL & 2260 FEL §5 LTP: 103 FSL & 2250 FEL §8 Upper Wolfcamp/TVD 11630 feet/MD 20750 feet

EXHIBIT

5

	Bell Lake Unit-South Block Well No. 418H API No. 30-025-48261 SHL: 2167 FNL & 319 FEL §5 BHL: 86 FSL & 988 FEL §8 FTP: 2540 FSL & 1000 FEL §5 LTP: 100 FSL & 100 FEL §8 Upper Wolfcamp/TVD 11680 feet/MD 20750 feet
Horizontal Well First and Last Take Points	See above
Completion Target (Formation, TVD and MD)	See above
<b>AFE Capex and Operating Costs</b>	
Drilling Supervision/Month \$	\$8000
Production Supervision/Month \$	\$800
Justification for Supervision Costs	Exhibit 2, page 2
Requested Risk Charge	Cost + 200%/Exhibit 2 page 2
<b>Notice of Hearing</b>	
Proposed Notice of Hearing	Exhibit 1
Proof of Mailed Notice of Hearing (20 days before hearing)	Exhibit 4
Proof of Published Notice of Hearing (10 days before hearing)	Not necessary
<b>Ownership Determination</b>	
Land Ownership Schematic of the Spacing Unit	Exhibits 2-A and 2-B
Tract List (including lease numbers and owners)	Exhibits 2-A and 2-C
Pooled Parties (including ownership type)	Exhibit 2-C
Unlocatable Parties to be Pooled	Not applicable
Ownership Depth Severance (including percentage above & below)	None
<b>Joinder</b>	
Sample Copy of Proposal Letter	Exhibit 2-D
List of Interest Owners ( <i>i.e.</i> Exhibit A of JOA)	Exhibit 2-C
Chronology of Contact with Non-Joined Working Interests	<b>Exhibit 2-D</b>
Overhead Rates In Proposal Letter	
Cost Estimate to Drill and Complete	Exhibit 2-E
Cost Estimate to Equip Well	Exhibit 2-E
Cost Estimate for Production Facilities	Exhibit 2-E
<b>Geology</b>	
Summary (including special considerations)	Exhibit 3
Spacing Unit Schematic	Exhibit 2-B
Gunbarrel/Lateral Trajectory Schematic	Exhibit 2
Well Orientation (with rationale)	Standup/Exhibit 3

	Wolfcamp
HSU Cross Section	Exhibit 3-C
Depth Severance Discussion	Not Applicable
<b>Forms, Figures and Tables</b>	
C-102	Exhibit 2-B
Tracts	Exhibit 2-A
Summary of Interests, Unit Recapitulation (Tracts)	Exhibit 2-C
General Location Map (including basin)	Exhibit 2-A
Well Bore Location Map	Exhibit 2-B
Structure Contour Map - Subsea Depth	Exhibit 3-A
Cross Section Location Map (including wells)	Exhibit 3-C
Cross Section (including Landing Zone)	Exhibit 3-C
<b>Additional Information</b>	
<b>CERTIFICATION:</b> I hereby certify that the information provided in this checklist is complete and accurate.	
Printed Name (Attorney or Party Representative):	James Bruce
Signed Name (Attorney or Party Representative):	
Date:	November 29, 2022