

222-2711
Submit 1 Copy To Appropriate District Office
District I - (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
District II - (575) 748-1283
811 S. First St., Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Rd., Aztec, NM 87410
District IV - (505) 476-3460
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources

Form C-103
Revised July 18, 2013

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

SUNDRY NOTICES AND REPORTS ON WELLS (DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR. USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS.)	
1. Type of Well: Oil Well ☐ Gas Well ☒ Other	WELL API NO. 30-015-43995
2. Name of Operator Kaiser-Francis Oil Company	5. Indicate Type of Lease STATE ☐ FEE ☒
3. Address of Operator P. O. Box 21468, Tulsa, OK 74121-1468	6. State Oil & Gas Lease No. -
4. Well Location Unit Letter I : 2025 feet from the South line and 120 feet from the East line Section 1 Township 24S Range 28E NMPM Eddy County	7. Lease Name or Unit Agreement Name Willow Lake WA 15
	8. Well Number 001H
	9. OGRID Number 12361
	10. Pool name or Wildcat Purple Sage Wolfcamp Gas Pool
11. Elevation (Show whether DR, RKB, RT, GR, etc.) 2995 GR	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK ☐	PLUG AND ABANDON ☐	REMEDIAL WORK ☐	ALTERING CASING ☐
TEMPORARILY ABANDON ☐	CHANGE PLANS ☐	COMMENCE DRILLING OPNS. ☐	P AND A ☐
PULL OR ALTER CASING ☐	MULTIPLE COMPL ☐	CASING/CEMENT JOB ☐	
DOWNHOLE COMMINGLE ☐			
CLOSED-LOOP SYSTEM ☐			
OTHER: Change SHL + casing detail + TD ☒		OTHER: ☐	

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

Previous SHL: I 2025' FSL & 120' FEL Sec. 1-24S-28E

New SHL: L 2060' FSL & 220' FWL Sec. 14-24S-28E

*BHL did not change

Previous casing detail: 13 3/8" @ 500' w/547 sxs cmt
9 5/8" @ 2700' w/898 sxs cmt
7" @ 10225' w/675 sxs cmt
4 1/2" @ 14970' w/522 sxs cmt

*Previous Proposed TD: 14970'
New Proposed TD: 14520'

New casing detail: 20" @ 350' w/615 sxs cmt
13 3/8" @ 2700' w/920 sxs cmt
9 5/8" @ 9000' w/800 sxs cmt
5 1/2" @ 14520' w/625 sxs cmt

Attachments: Revised directional plan + C-102

NM OIL CONSERVATION
ARTESIA DISTRICT

DEC 22 2017

Spud Date:

Rig Release Date:

RECEIVED

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

SIGNATURE Charlotte Van Valkenburg TITLE Mgr., Regulatory Compliance DATE 12/21/17

Type or print name Charlotte Van Valkenburg E-mail address: Charlotv@kfoc.net PHONE: 918-491-4314

For State Use Only

APPROVED BY: Raymond H. Bodanz TITLE Geologist DATE 12-22-17
Conditions of Approval (if any):

NM OIL CONSERVATION

ARTESIA DISTRICT

State of New Mexico

DEC 22 2017

Energy, Minerals & Natural Resources Department

OIL CONSERVATION DIVISION

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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

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
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Phone: (505) 476-3460 Fax: (505) 476-3462

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-43995	² Pool Code 98220	³ Pool Name Purple Sage - Wolfcamp Gas
⁴ Property Code 317165	⁵ Property Name WILLOW LAKE WA 15	⁶ Well Number 1H
⁷ OGRID No. 12361	⁸ Operator Name KAISER-FRANCIS OIL COMPANY	⁹ Elevation 2995.0

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
L	14	24 S	28 E		2060	SOUTH	220	WEST	EDDY

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
L	15	24 S	28 E		2250	SOUTH	330	WEST	EDDY

¹² Dedicated Acres 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No.
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No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.

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.

Charlotte Van Valkenburg
Signature Date 12/21/17

Charlotte Van Valkenburg

Printed Name

Charlotv@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.

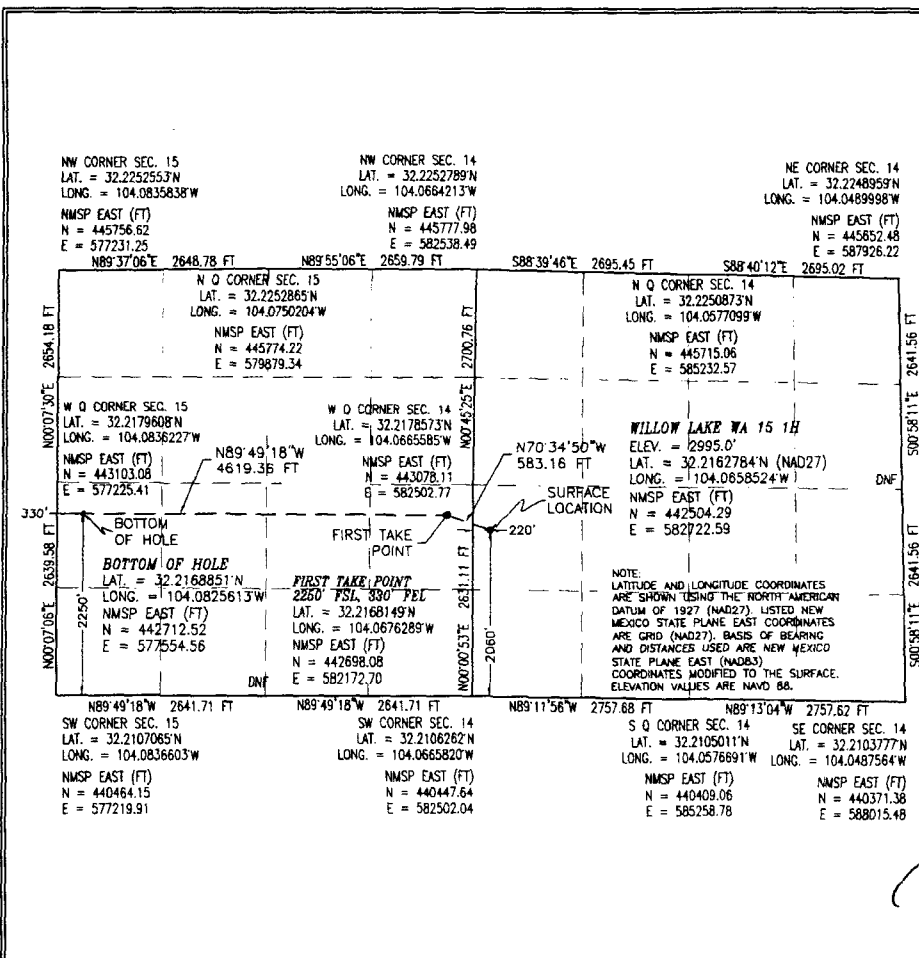
NOVEMBER 8, 2017

Date of Survey

Signature and Seal of Professional Surveyor:

Certificate Number: FILIMON F. JARAMILLO, PLS 12797

SURVEY NO. 5724

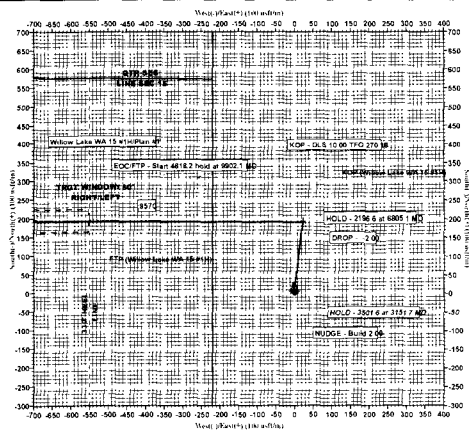
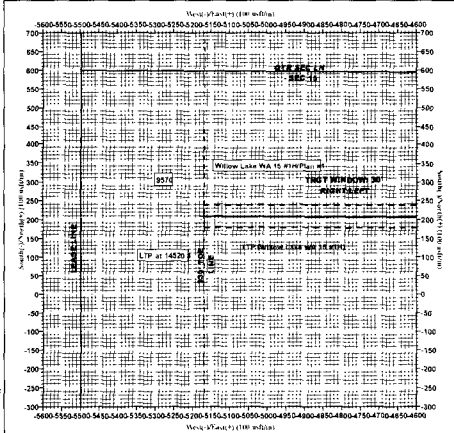
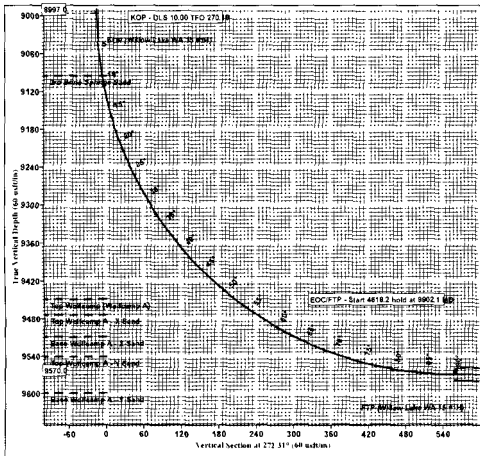
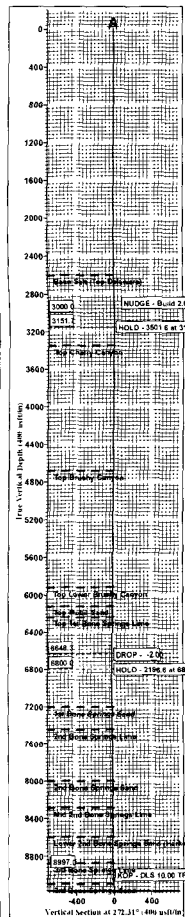
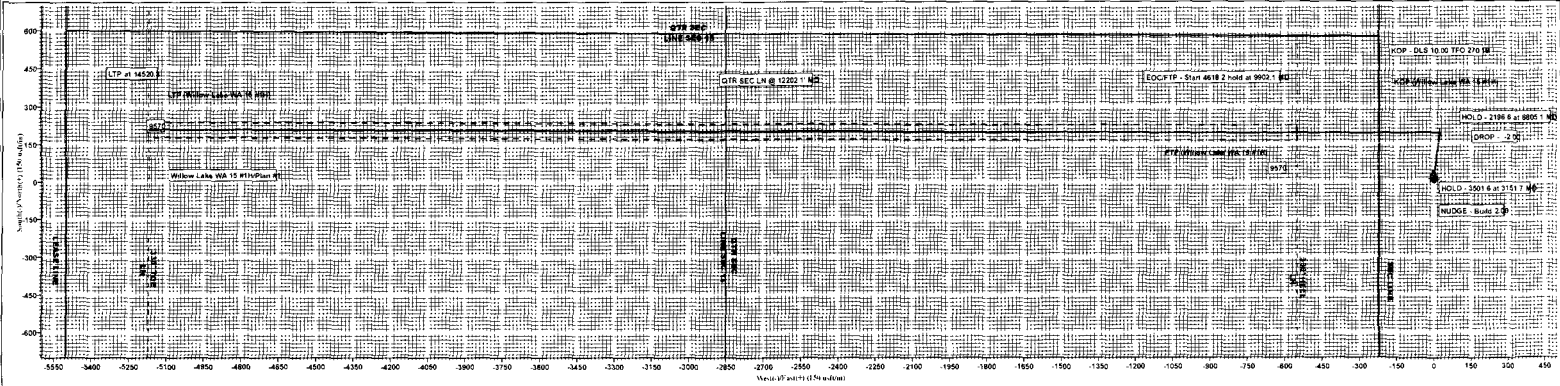


NM OIL CONSERVATION
ARTESIA DISTRICT
DEC 22 2017

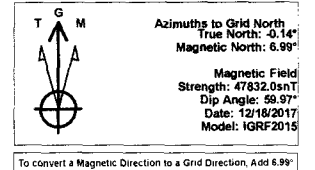
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KAISER-FRANCIS OIL COMPANY

INTREPID



WELL DETAILS: Willow Lake WA 15 #1H									
		Ground Level: 2995.0							
+N-S	+E-W	Northing	Easting	Latitude	Longitude				
0.0	0.0	442504.29	582722.59	32° 12' 58.602 N	104° 3' 57.069 W				
SECTION DETAILS									
MD	Inc	Azi	TVD	+N-S	+E-W	Diag TFace	Vsect	Annotation	
0.0	0.00	0.00	0.0	0.0	0.0	0.00	0.00		
3000.0	0.00	0.00	3000.0	0.0	0.0	0.00	0.00		
3151.7	3.03	6.85	3151.7	4.0	0.5	2.00	6.85	HOLD - 3501.6 at 3151.7 MD	
6653.3	3.03	6.85	6648.3	198.0	22.6	0.00	-15.0	DROP - 1.00	
6806.1	0.00	0.00	6800.0	192.0	23.1	2.00	180.00	HOLD - 2196.6 at 6800.0 MD	
9001.7	0.00	0.00	8996.6	192.0	23.1	0.00	0.00	HOLD - DLS 10.00 TFO 270.18	
9002.1	0.00	0.00	8997.0	192.0	23.1	0.00	0.00	HOLD - DLS 10.00 TFO 270.18	
8902.1	90.00	270.18	9570.0	193.8	-549.9	10.00	270.18	HOLD - DLS 10.00 TFO 270.18	
14520.3	90.00	270.18	9570.0	208.3	-5168.0	0.00	0.00	HOLD - DLS 10.00 TFO 270.18	
LTP at 14520.3									
DESIGN TARGET DETAILS									
Name	TVD	+N-S	+E-W	Northing	Easting				
KOP (Willow Lake WA 15 #1H)	8986.6	192.0	-549.9	442504.29	582722.59				
FTP (Willow Lake WA 15 #1H)	9570.0	193.8	-549.9	442504.29	582722.59				
LTP (Willow Lake WA 15 #1H)	9570.0	208.3	-5168.0	442712.52	577554.56				
FORMATION TOP DETAILS									
TVDPath	MDPath	Formation							
2605.0	2605.0	Base Salt (Top Delaware)							
3353.0	3353.0	Top Cherry Canyon							
4687.0	4687.0	Top Brushy Canyon							
5925.0	5925.0	Top Lower Brushy Canyon							
6120.0	6120.0	Top Midul Sand							
6245.0	6245.0	Top 1st Bone Springs Lime							
7210.0	7210.0	1st Bone Springs Sand							
7453.0	7453.0	2nd Bone Springs Lime							
8007.0	8007.0	2nd Bone Springs Sand							
8296.0	8300.0	Mid 2nd Bone Springs Lime							
8608.0	8611.0	Lower 2nd Bone Springs Sand (Hartley)							
8878.0	8883.0	3rd Bone Springs Lime							
9096.0	9101.0	3rd Bone Springs Sand							
9450.0	9424.5	Top Wolfcamp (Wolfcamp A)							
9475.0	9567.4	Top Wolfcamp A - X Sand							
9510.0	9600.0	Base Wolfcamp A - Y Sand							
9542.0	9722.2	Top Wolfcamp A - Y Sand							



Kaiser-Francis Oil Company
Project: Eddy County, NM (NAD 27 NME)
Site: (WILLOW LAKE) SEC 14, T-24-S, R-26-E
Well: Willow Lake WA 15 #1H
Wellbore: OWB
Design: Plan #1
Lat: 32° 12' 58.602 N
Long: 104° 3' 57.069 W
Pad GL: 2995.0
KB: KB @ 3020.0usft