

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

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

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

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

State of New Mexico
Energy Minerals and Natural Resources
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-101
Revised July 18, 2013

☐ AMENDED REPORT
HOBBS OCD

NOV 22 2013

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address Kaiser-Francis Oil Company P. O. Box 21468, Tulsa, OK 74121-1468		² OGRID Number 012361
		³ API Number 30-025-25302
⁴ Property Code 005437	⁵ Property Name Bell lake Unit	⁶ Well No. 18

7. Surface Location

UL - Lot I	Section 36	Township 23S	Range 33E	Lot Idn -	Feet from 1980	N/S Line South	Feet From 660	E/W Line East	County Lea
---------------	---------------	-----------------	--------------	--------------	-------------------	-------------------	------------------	------------------	---------------

*** Proposed Bottom Hole Location**

UL - Lot	Section	Township	Range	Lot Idn	Feet from	N/S Line	Feet From	E/W Line	County
----------	---------	----------	-------	---------	-----------	----------	-----------	----------	--------

9. Pool Information

⁹ Pool Name Bell Lake (Bone Springs) TRIPLE X; BONE SPRING	¹⁰ Pool Code 05130 59900
--	--

Additional Well Information

¹¹ Work Type P	¹² Well Type G	¹³ Cable/Rotary R	¹⁴ Lease Type S	¹⁵ Ground Level Elevation 3632
¹⁶ Multiple No	¹⁷ Proposed Depth 13960	¹⁸ Formation 2nd Bone Springs	¹⁹ Contractor Unk.	²⁰ Spud Date 9/18/76
Depth to Ground water n/a		Distance from nearest fresh water well n/a		Distance to nearest surface water n/a

☒ We will be using a closed-loop system in lieu of lined pits

21. Proposed Casing and Cement Program

Type	Hole Size	Casing Size	Casing Weight/ft	Setting Depth	Sacks of Cement	Estimated TOC
Cond.	20	16	65	730	650	Surf
Surf.	14 3/4	10 3/4	45.5	5170	2250	Surf
Int.	9 1/2	7 5/8	33.7	12464	2125	5720

Casing/Cement Program: Additional Comments

Liner: 5", 18# set @ 11677-13957. Cmt'd w/300 sxs. TOC @ 11677'.
--

22. Proposed Blowout Prevention Program

Type	Working Pressure	Test Pressure	Manufacturer

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that I have complied with 19.15.14.9 (A) NMAC <input type="checkbox"/> and/or 19.15.14.9 (B) NMAC <input type="checkbox"/> if applicable. Signature: <i>C. Van Valkenburg</i>		OIL CONSERVATION DIVISION	
Printed name: Charlotte Van Valkenburg		Approved By: <i>[Signature]</i>	
Title: Mgr., Regulatory Compliance		Title: Petroleum Engineer	
E-mail Address: Charlottv@kfoc.net		Approved Date: 11/27/13	Expiration Date: 11/27/15
Date: 11/20/13	Phone: 918-491-4314	Conditions of Approval Attached	

DEC 02 2013

dm

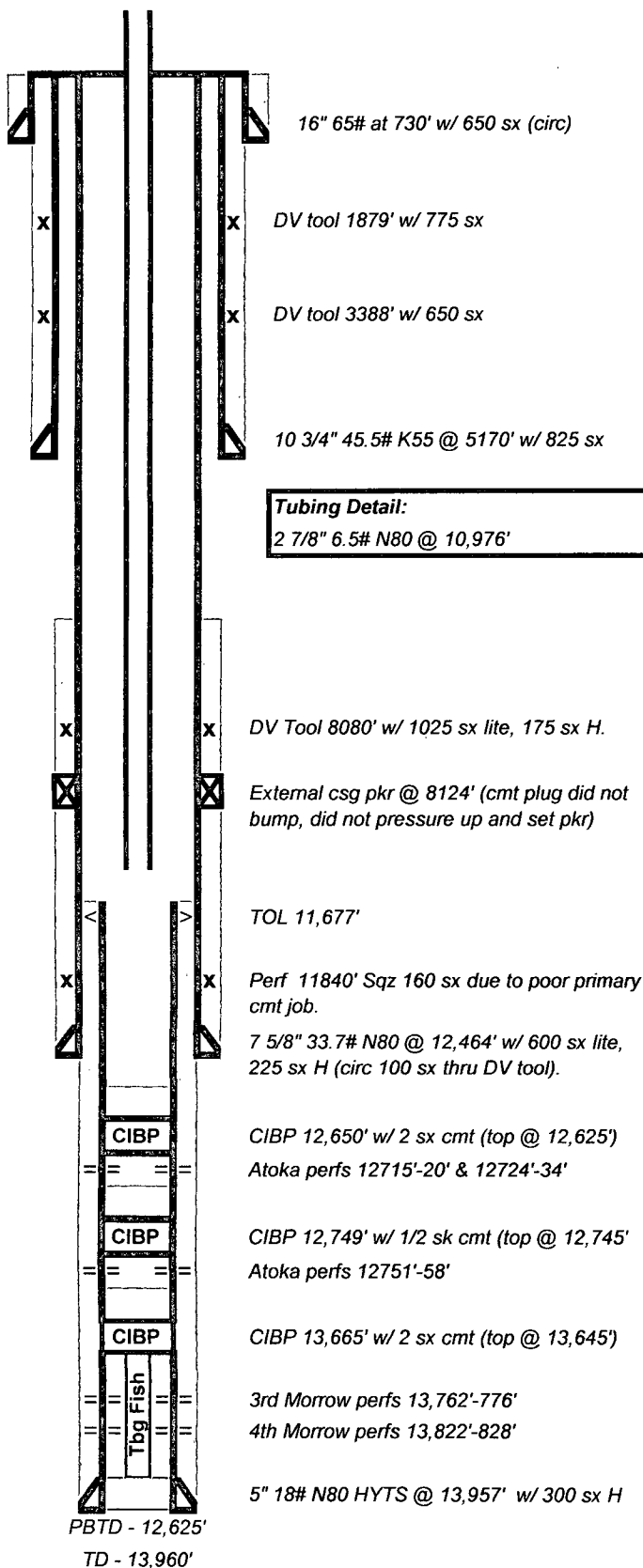
Kaiser-Francis**South Bell Lake #18**

Location: 1980' FSL, 660' FEL, Sec 36, T23S, R33E
County: Lea
State: New Mexico
Elevation: GL - 3632' KB - 3652'

API - 30-025-25302 **HOBBS OCD**
Spud Date: 9/18/76 **NOV 22 2013**
Completed: 2/77
Diagram: Updated - 11/01/13

Work History:

RECEIVED



SPUD: 9/18/76 - Ran dev svy after setting 7-5/8", max dev above 10,800' is 2 deg. 11/11/76 - TS showed TOC @ 5720' behind 7-5/8". 11/16/76 - ran cbl from 11,200 - 12,458' - poor cmt below 11,800'. Perf csg @ 11,840' & cmt w/ 160 sx - reports are unclear, indicate circ was obtained.

COMPLETION 2/77 - Ran CBL, poor cement above 10,800' Set Baker FB-1 pkr at 11,487' on 2-7/8" tbg. Swb tbg to 7000' and perf thru tubing: 3rd Morrow: 13762'-76' & 4th Morrow: 13822'-28' (4spf). Left perf gun in the hole. Flwd to clean up, SITP = 5150#. IPF 19.5 mmcfpd, 90 bcpd @ 3650# (CAOF 76.6 mmcfpd). Historical Morrow cum - 23 bcf, 45.5 mbo, & 671 mbw (water figures are questionable).

6/00 - Ran 1-1/2" 2.76 L80 & P110 IJ syphon string, set @ 13,770'. Could not get well to unload significant fluid. Tag PBT @ 13,872'. Pull 1.5" tbg, set plug in pkr, perf tbg above pkr - swab down getting mud. Cut off tbg at 11,464'. Circ lots of mud. RIH w/2448' of 1 1/2", XO, 2 7/8" tbg. EOT at 13,759'. SN 13730'. TA 11,276'. Ran pump and rods. Well wouldn't pump due to mud.

4/01 - Mill over and retrieve pkr, recovered mud while milling. Ran 3-7/8" bit, tag @ 13,825' & CO to 13,868' w/ air foam, no gas shows. Set pkr @ 13,715', swb - mud packed around swb cups. Az w/ 500 gals 7.5%, 125 gals methanol, & 1000 scf N2/bbl az. Press inc to 6100# & tbg split. Ran prod string & swb recov. mud. Tried to rod pmp, pump packed off w/ mud.

8/01 - Swb 68 bw, no show gas, recov mud in swab. Rev circ w/ air-foam recov iron sulfide and heavy mud. Attempt to pump again, pmp filled with mud.

11/01 - Rods prtd. While trying to fish FG rod, rods dropped & tbg parted. Pull 5.5 jts tbg down to part, shut well in and rig down.

9/02 - Fished rods and tbg out of well, leaving a tbg / rod fish in the hole @ 13,670'. Set CIBP @ 13,665' w/ 2 sx (20') cmt on top. Tstd csg to 650#.

12/02 - TIH w/ pkr & tbg, set pkr @ 12,599'. Swb FL to 8000', perf Atoka 12,751'-58'. Well flwd gas w/ no fluid - appeared to deplete rapidly. Ran BHP svy and it showed the well to be loaded up.

1/03 - Set CIBP @ 12,749' w/ 1/2 sx (4') cmt on top. Run pkr & tst plug to 2000#, tst csg to 800#. Swb FL to 9000', perf upper Atoka 12,715'-20' & 12,724'-34'. Well flwd gas @ 500 - 900 mcfpd rate and loaded up. Az w/ 500 gals 15% NeFe. Set CIBP @ 12,650' w/ 2 sx (20') cmt on top. TIH w/SN, 353 jts 2-7/8" 6.5# N80 at 10,976'. TA well.

5/22/06 - Ran MIT, tested to 550#.

2/23/12 - 10-3/4" x 7-5/8" annulus had 0 psi. 100# on 7-5/8", blew down and recov gas and oil. Loaded hole w/ 4 BW, press to 600#, bled to 540# in 30 mins.