

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

RECEIVED
JUL 10 2012

start

SUBMIT IN TRIPLICATE - Other instructions on page 2.

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Kaiser-Francis Oil Company

3a. Address

P. O. Box 21468, Tulsa, OK 74121-1468

3b. Phone No. (include area code)

918-491-4314

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SW SE 660' FSL & 1980' FEL of Sec. 6-23S-34E
32.328085 N Lat. 103.506667 W Lon

Unit 0

5. Lease Serial No.

NMNM01244A

6. If Indian, Allottee or Tribe Name

7. If Unit of CA/Agreement, Name and/or No.

891001066B

8. Well Name and No.

Bell Lake Unit 2/6

9. API Well No.

30-025-08483

10. Field and Pool or Exploratory Area

North Bell Lake Devonian

11. Country or Parish, State

Lea County, NM

12. CHECK THE APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize <input type="checkbox"/> Deepen <input type="checkbox"/> Production (Start/Resume) <input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing <input type="checkbox"/> Fracture Treat <input type="checkbox"/> Reclamation <input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair <input type="checkbox"/> New Construction <input type="checkbox"/> Recomplete <input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans <input checked="" type="checkbox"/> Plug and Abandon <input type="checkbox"/> Temporarily Abandon
	<input type="checkbox"/> Convert to Injection <input type="checkbox"/> Plug Back <input type="checkbox"/> Water Disposal

13. Describe Proposed or Completed Operation: Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports must be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 must be filed once testing has been completed. Final Abandonment Notices must be filed only after all requirements, including reclamation, have been completed and the operator has determined that the site is ready for final inspection.) See attached a complete copy of the revised plugging procedure.

Per our phone conversation w/Jim Amos, BLM, this is our revised plugging procedure:
Steps 5, 6 & 7 have been altered to eliminate the model D pkr removal steps, as well as the steps to set a CIBP inside the 5" csg. The new procedure is to cut-off the tbg approx. 10' to 20' above the 7" model D pkr, leaving pkr in place, while squeezing the perfs & liner top thru a cmt retainer set approx. 20' - 30' above the pkr. The perfs & liner top will be sqz'd w/100 sxs cmt & cmt will be spotted on top of the cmt ret. up to a depth of 13900'. All other steps in the plugging procedure will remain unchanged.

5. RIH w/7" trt'g pkr to approx. 13950'. Est. inj rate thru model D pkr & into Devonian perfs. Release pkr & POOH.

6. RIH w/7" cmt ret & set 13950'. Est. inj rate & sqz Devonian perfs w/150 sxs mct. On final 20 sxs, stage if necessary until sqz pressure is 2000 psi above initial inj rate. If well won't sqz, over displace cmt & plan to pump another cmt sqz. After well is sqz'd, sting out of ret & spot cmt up to 13900' (approx. 10 sxs). Reverse tbg clean.

7. Circ hole w/plug mud. POOH to 12850' & spot cmt plug @ 12850'-12600'. Spot cmt plug @ 12020'-11800'. WOC & tag. Spot cmt plug @ 11433'-11223'. POOH standing back approx. 11600' tbg.

14. I hereby certify that the foregoing is true and correct. Name (Printed/Typed)

Charlotte Van Valkenburg

Title Technical Coordinator

Signature

Charlotte Van Valkenburg

Date 7/5/12

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

James G. Amos

Title

SEAS

Date

7-5-12

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

CPD

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

Previous COA's apply & charges as specified 3-12-12.

JUL 11 2012

Kaiser-Francis Oil Company
North Bell Lake Unit #2-6
Plug and Abandon
660' FSL, 1980' FEL
Section 6, T23S, R34E
Lea County, New Mexico
API # 30-025-08483

WELL DATA

TD: 16,506'
PBTD: 14,734'

Elevation: GL Elev. = 3465'
KB Elev. = 3485'

Surface Casing: 20" @ 890', cemented w/ 1200 sx, circ.

Intermediate Csg: 13-3/8" @ 5810' cemented w/ 3100 sx, circ.

Intermediate Csg: 9-5/8" 43.5, 47, & 53.5# @ 11,910' cemented w/ 2080 sx,
TOC @ 5600' by TS.

Production Csg: 7" 26# & 35# N80 & P110 @ 14,165', cemented w/ 65 sx,
TOC @ 11,625' by TS.

Production Liner: 5" 17.93# / 18# FJ from 14,003' – 14,900'

Existing Perfs: Devonian 14,568-94', 14,609'-39', 14,622'-714'

Correlation Log: Schlumberger Induction-Electric log for Continental Oil Bell
Lake Unit #6 (attached).

BH Temp: 186 deg F @ 13,400'

Tubular Specs:

Item	ID	Drift	Bbl/ft	Gal/ft	Burst	80% Burst	Tens
7" 26# N80	6.276	6.151	.03826	1.6070	7240	5792	
7" 35#	6.004	5.879	.03500	1.4708	N/A	N/A	
5" 18#	4.276	4.151	.01776	0.7459	N/A	N/A	
5" 23# P110 ULTFJ	4.044	3.919	.01588	0.6672	18,400	14,720	567k
Item	ID	Drift	Bbl/ft	Gal/ft	Burst	80% Burst	Tens
4.5" 15# P110 ultfj	3.826	3.701	.01421	0.5972	N/A	N/A	344k
2-3/8" 4.7# P-110	1.995	1.901	.00387	0.1626	15400	12320	144k

Note: Exact depths of various weights of 7" casing are unknown. Casing grades are also unknown, but were reported as N80 and P110.

PROCEDURE

- 1) Notify BLM of intent to start plugging operations – (575)393-3612. Dig out WH as necessary and tie pressure gauges into 9-5/8"x13-3/8" annulus, and 7"x9-5/8" annulus. Repair well head valves as necessary. Prior to blowing well down record csg pressures. Blow down 7"x2-3/8" csg annulus. Monitor tbg, 9-5/8"x7" annulus, and 9-5/8"x13-3/8" annulus for signs of communication while blowing. Blow down tbg. RU pump truck and pump produced wtr down tbg while monitoring backside. If the well indicates circulation is possible up tbg / csg annulus, circulate produced water until csg is dead. If there is communication between tbg/csg annulus and 9-5/8"x7" annulus, circulate kill fluid down tbg/csg annulus and out 9-5/8"x7" annulus until dead. Blow down 9-5/8"x13-3/8" annulus and monitor for communication. SI annulus and pump down tbg with 20+ extra bbls in an attempt to pump swab fish down to pkr.
- 2) RU slick line. RIH w/ sinker bar and tag top of swab fish. If possible, push fish down to pkr @ 13,980'. If slick line is sticky inside of tbg, cease SL operations. RD SL.
- 3) MIRU PU. Kill well with produced wtr. ND WH, NU BOP. RU WL. RIH w/ chemical cutter and tag swab fish. Cut tbg on joint above top of swab. RD WL. POOH and LD 2-3/8" tbg string. Note: visually check tbg string for signs of scale buildup at periodic depths.
- 4) Take delivery of +/- 14,600' of 2-3/8" P110 tbg. If swab mandrel can be pushed down to where it's close to the pkr, cut tbg above pkr and skip to Step #5. Otherwise, TIH w/ external tbg cutter and wash pipe. Work over tbg fish and make cut below depth of swab mandrel fish. POOH w/ tools and fish. TIH w/ overshot and engage top of tbg fish. RU WL. Make chemical cut above pkr. RD WL. POOH and LD tbg fish.
- 5) RIH w/ 7" treating pkr to +/- 13,950'. Establish injection rate through treating packer and through Model D pkr into Devonian perfs. Release treating pkr and POOH.
- 6) RIH w/ 7" cement retainer and set at +/- 13,950'. Establish injection rate and squeeze Devonian perfs with 150 sx cmt. On final 20 sx, stage sqz if necessary until squeeze pressure is 2000 psi above initial injection rate. If well will not squeeze, over displace cement and plan to pump another cement squeeze. After zone is squeezed, sting out of retainer and spot cement on top of retainer up to 13,900' (approximately 10 sx). Reverse tbg clean.
- 7) Circ hole with plug mud. Load 7"x9-5/8" annulus. Load 9-5/8"x13-3/8" annulus. POOH to 12,850' and spot cement plug from 12,850' to 12,600'.

POOH to 12,020' and spot cmt plug from 12,020' – 11800'. WOC and tag plug. Spot cmt plug across Wolfcamp from 11,433' – 11,223'. POOH standing back +/- 11,600' of tbg.

- 8) RU WL. FP and cut 7" csg (estimated FP depth 11,000'). RU csg crew, LD 7" csg. RU WL. FP and cut 9-5/8" csg (estimated FP depth 5500' – do not cut below 5700'). LD 9-5/8" csg.

- 9) TIH w/ tbg to 7" csg stub, spot cmt plug 100' below to 100' above 7" stub. POOH to 8550', spot cmt plug from 8560' to 8380'. POOH to 5900'. Spot cmt plug to 5700'. Spot cmt plug 75' below to 75' above 9-5/8" csg stub. POOH and spot cmt plug from 3145' – 3015'. WOC 4 hrs and tag plug. POOH and spot cmt plug from 1426' – 1326'. WOC 4 hrs and tag plug. POOH and spot cmt plug from 950' to 830'. WOC 4 hrs and tag plug. POOH and spot cmt plug from 70' to surface.

- 10) Cut off wellhead and weld on plate. Backfill and reclaim location.