

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

<b>SUNDRY NOTICES AND REPORTS ON WELLS</b> (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.) <b>1. Type of Well:</b> Oil Well <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other		<b>WELL API NO.</b> 30-025-24335
<b>2. Name of Operator</b> Kaiser-Francis Oil Company		<b>5. Indicate Type of Lease</b> STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/> FED
<b>3. Address of Operator</b> P.O. Box 21468, Tulsa, OK 74121		<b>6. State Oil &amp; Gas Lease No.</b>
<b>4. Well Location</b> Unit Letter <u>J</u> : <u>1,980</u> feet from the <u>South</u> line and <u>1,980</u> feet from the <u>East</u> line Section <u>31</u> Township <u>23S</u> Range <u>34E</u> NMPM County <u>Lea</u>		<b>7. Lease Name or Unit Agreement Name</b> Bell Lake Unit
<b>11. Elevation (Show whether DR, RKB, RT, GR, etc.)</b> 3,513' GR		<b>8. Well Number</b> 12
<b>9. OGRID Number</b> 12361		<b>10. Pool name or Wildcat</b> Bell Lake (Bone Springs)

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

<b>NOTICE OF INTENTION TO:</b> PERFORM REMEDIAL WORK <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> CHANGE PLANS <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPL <input type="checkbox"/> DOWNHOLE COMMINGLE <input type="checkbox"/> CLOSED-LOOP SYSTEM <input type="checkbox"/> OTHER: <input type="checkbox"/>	<b>SUBSEQUENT REPORT OF:</b> REMEDIAL WORK <input type="checkbox"/> ALTERING CASING <input checked="" type="checkbox"/> COMMENCE DRILLING OPNS. <input type="checkbox"/> <b>P AND A</b> <input checked="" type="checkbox"/> PNR CASING/CEMENT JOB <input type="checkbox"/> OTHER: <input type="checkbox"/>
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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.

- 6/28/22: Set CIBP @ 8680'. 30 sx on top. Tagged TOC @ 8371'. Spot plugging mud to 5900'
- 6/29/22: Set CIBP @ 6780'. 30 sx on top. Tagged TOC @ 6464. Circ hole w/ plugging mud. Casing test to 500# failed.
- 7/1/22: Located hole between 5850-5885'. Casing above leak tested good to 500#. Sqz'd inside/outside w/ 50sx f/ 5850-5500'
- 7/1/22: Perf sqz holes @ 3900'. Couldn't establish injection @ 500#. Spot 25 sx 3950-3550'. Sqz'd 1 bbl into perfs.
- 7/2/22: cut cmt'd tbg @ 3450'. Spot 25 sx @ 3450'.
- 7/3/22: Weld pull sub to 5 1/2". Could not get free movement.
- 7/5/22: Perf @ 1500'. Break Circ down 5 1/2" and up 5 1/2" X 8 5/8". Circ 100 sx cmt inside and outside f/ 1500-1100'. WOC & Tag @ 1183'
- 7/6/22: Perf @ 200'. Circ 100 sx cement to surface.
- 7/6/22: Cut off wellhead and install marker.

Spud Date:

12/30/72

Rig Release Date:

1/25/73

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

SIGNATURE

Christina Opfer

TITLE Regulatory Manager

DATE 7/7/2022

Type or print name

Christina Opfer

E-mail address [ChristinaO@kfoc.net](mailto:ChristinaO@kfoc.net)

PHONE 918-491-4468

For State Use Only

APPROVED BY:

Kerry Fortner

TITLE

Compliance Officer A

DATE 7/11/22

Conditions of Approval

Kaiser-Francis Oil Company  
Bell Lake Unit 12  
API #30-025-24335  
ACTUAL Plugging Procedure

Kaiser-Francis Oil Company is submitting a subsequent report, form C-103P, for the South Bell Lake Unit 12. Below is a description of the plugging procedure performed.

1. -Set CIBP @ 8680'. 30 sx on top. Tagged TOC @ 8371'. Spot plugging mud to 5900'
2. -Set CIBP @ 6780'. 30 sx on top. Tagged TOC @ 6464. Circ hole w/ plugging mud. Casing test to 500# failed.
3. -Located hole between 5850-5885'. Casing above leak tested good to 500#. Sqz'd inside/outside w/ 50sx f/ 5850-5500'
4. -Perf sqz holes @ 3900'. Couldn't establish injection @ 500#. Spot 25 sx 3950-3550'. Sqz'd 1 bbl into perfs.
5. -Cut cmt'd tbg @ 3450'. Spot 25 sx @ 3450'.
6. -Weld pull sub to 5 ½". Could not get free movement.
7. -Perf @ 1500'. Break Circ down 5 ½" and up 5 ½" X 8 5/8". Circ 100 sx cmt inside and outside f/ 1500-1100'. WOC & Tag @ 1183'
8. -Perf @ 200'. Circ 100 sx cement to surface.
9. -Cut off wellhead and install marker.

**WELLBORE SKETCH****Bell Lake Unit No. 12****API: 30-025-24335****Sec 31-23S-34E****1980' FSL & 1980' FEL****Lea County, NM****Tbg Detail (15k Ten)**

212 jts 2 7/8" J-55  
 TAC (45K shear) @ 6801'  
 64 jts 2 7/8" J-55  
 2 7/8" X 2 3/8" XO  
 2" SN @ 8791.62'  
 2 3/8" X 2 7/8" XO  
 2 7/8" X 4' perf sub  
 2 7/8" BP MA  
 EOT @ 8804.22'

**Elev: GL 3513'; KB 3623'****Completed 3/26/73****Zones: Bone Springs & Cherry Canyon****Completion - 3/73**

**Perf Bone Springs w/ 1 JSPF @ 8697', 8724', 55', 66' & 78'**  
**total 6 holes**

**Acidize w/ 1200 gal 28% HCl**

**Frac w/ 4000 gal GW, 6000 gal 28% HCl & overflush w/**  
**4000 gal GW**

**IPF: 240 BO, 3 BW, 598 MCF**

8-5/8" 24# csg

@ 1230' w/ 1180 sx

TOC @ surface

**Recompletion in Cherry Canyon - 7/87****Rod Detail**

7/8" EL Pony Rods  
 115-7/8" EL rods  
 220-3/4" D90 rods  
 12-7/8" "HD" rods  
 2 1 1/2" K-bars  
 26K shear tool  
 spiral rod guide  
 2" X 1 1/4" X 24' RHBC w/  
 screen nipple

**Set 5-1/2" Elder Sur-Drill CIBP @ 8652' w/ 10 sx cmt on top****Perf Cherry Canyon 6821-40' w/ 2 JSPF****Swb wtr, squeeze perms w/ 100 sx "H" cmt****Re-perf 6821-40' w/ 2 JSPF**

**Acidize w/ 2000 gal 7-1/2% NEFE & 80 balls, 4 BPM @ 1400#**  
**did not ball off**

**Frac w/ 2000 gal GW & 10000# 20/40 sd, 8 BPM @ 1900#****IPP: 6 BO & 42 BW**

**11/99:** Drill out CIBP @ 8652. Push to 8866'. Run rods and tubing to 8779'. Well  
 commingled in Cherry Canyon and Bone Springs.

**6/22/04:** Tbg leak, split 256th jt, repl, PC**9/10/04:** Split 257th jt, repl**9/17/04:** Body brk 126th 3/4" rod (243rd from surf), pump change**1/13/05:** Tbg leak, split 268th & 270th jts, PC, POL**5/05:** Rod part & chemical treat well, body brk 318th rod, treat perms w/scale inhibitor, POP

TOC @ 5200' Calc

**Perf "Cherry Canyon**  
**6821-40' w/ 2 JSPF**

**6/16/05:** Tbg leak, split 174th jt, chg out 8 others, chg out rods**1/17/06:** Pin part 296th rod, repl pump**7/28/06:** Tbg leak, found split jt, repl, test tbg in hole, busted 9 jts, repl**11/15/06:** Pump change**12/5/06:** Rod part, pin unscrewed 312th rod (3/4"), repl PC**7/17/07:** Tbg leak, pull pump, tbg, test tbg**10/31/07:** Pump repair, some bad rods & boxes**1/25/08:** Tbg leak 268th jt, repl 3 jts, changed pump, POL**Perf Bone Springs**

8697-8778' O/A

w/ 6 holes

**6/08:** H/O well. Tbg leak changed 30 jts. Put guides on lower 7/8" rods on bottom and some  
 3/4" rods

**1/09:** PC. Heavy Paraffin. **2/10:** PC-Some guides came off and lodged. Had to pull tbg**3/11:** PC. Hvy Paraffin. Pump plugged w/ trash.**1/12-TL:** Scanned tbg: 130 Y, 55 B, 81G, 15R. Hole in top jt where wellhead slips are

**7/14-RP** 61st 3/4" rod. Scanned tbg OOH: 114 Y, 151 B, 11G, 2R. Replaced 5-3/4" rods  
 and 50-3/4" and 20-7/8" boxes due to wear and pitting

**2/15-Pull rods and pump. Pump had two splits. Tag PBDT @ 8860' TM. TIH w/ tbg. H/O****CIBP pushed to 8860'**

5-1/2" 17# csg

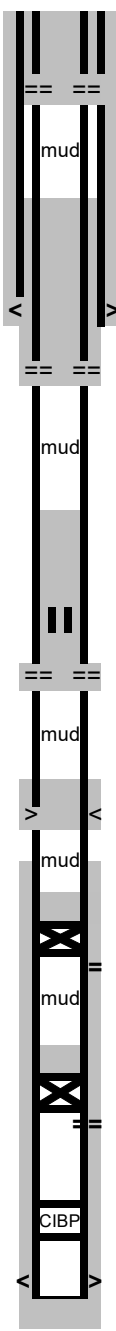
@ 8910' w/ 475 sx

PDTD 8652'

TD 8910'

**CIBP**



Kaiser-Francis Oil Company	South Bell Lake 12 (P&A)
<b>Location:</b> Section 31-22S-34E <b>Field:</b> Bell Lake <b>County:</b> Lea <b>State:</b> New Mexico <b>Elevation:</b> KB - 3623' GL - 3513'	<b>API:</b> 30-025-24335  <b>Spud Date:</b> 12/30/72 <b>Completed:</b> 1/28/73 <b>Diagram Updated:</b> 8/28/19
 <p>Perf &amp; circ cmt f/ 200-0'</p> <p>mud</p> <p>Tagged TOC @ 1183'</p> <p>TOC @ surface</p> <p>8-5/8" 24# @ 1230' w/ 1180 sx</p> <p>Perf &amp; circ 100 sx f/ 1500-1100'</p> <p>mud</p> <p>Spot 25 sx on top of cut tbg.</p> <p>~50' tbg cut @ 3450'</p> <p>Spot 25sx Cement plug f/ 3950-3700</p> <p>Sqz holes @ 3900' couldn't pump into below 500#</p> <p>mud</p> <p>Csg leak @ 5850-85 sqz'd w/ 50 sx</p> <p>mud</p> <p>CIBP @ 6780' w/ 30 sx on top. Tagged @ 6464'</p> <p>Cherry Canyon: 6821-40' 2 JSPF</p> <p>mud</p> <p>CIBP @ 8680' w/ 30 sx on top. Tagged @ 8371'</p> <p>Bone Springs: 8697-8778' O/A w/ 6 holes</p> <p>CIBP</p> <p>CIBP pushed to 8871'</p> <p>5-1/2" 17# @ 8910' w/ 475 sx</p> <p>PBTD - 8871'</p> <p>TD - 8910'</p>	
<b>Work History:</b>	
<b>Completion - 3/73</b> Perf Bone Springs w/ 1 JSPF @ 8697', 8724', 55', 66' & 78' total 6 holes Acidize w/ 1200 gal 28% HCl Frac w/ 4000 gal GW, 6000 gal 28% HCl & overflush w/ 4000 gal GW IPF: 240 BO, 3 BW, 598 MCF	
<b>Recompletion in Cherry Canyon - 7/87</b> Set 5-1/2" Elder Sur-Dril CIBP @ 8652' w/ 10 sx cmt on top Perf Cherry Canyon 6821-40' w/ 2 JSPF Swb wtr, squeeze perfs w/ 100 sx "H" cmt Re-perf 6821-40' w/ 2 JSPF Acidize w/ 2000 gal 7-1/2% NEFE & 80 balls, 4 BPM @ 1400# did not ball off Frac w/ 2000 gal GW & 10000# 20/40 sd, 8 BPM @ 1900# IPP: 6 BO & 42 BW	
<b>11/99:</b> Drill out CIBP @ 8652. Push to 8866'. Run rods and tubing to 8779'. Well commingled in Cherry Canyon and Bone Springs.	
<b>6/22/04:</b> Tbg leak, split 256th jt, repl, PC	
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<b>9/17/04:</b> Body brk 126th 3/4" rod (243rd from surf), pump change	
<b>1/13/05:</b> Tbg leak, split 268th & 270th jts, PC, POL	
<b>5/05:</b> Rod part & chemical treat well, body brk 318th rod, treat perfs w/scale inhibitor, POP	
<b>6/16/05:</b> Tbg leak, split 174th jt, chg out 8 others, chg out rods	
<b>1/17/06:</b> Pin part 296th rod, repl pump	
<b>7/28/06:</b> Tbg leak, found split jt, repl, test tbg in hole, busted 9 jts, repl	
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<b>12/5/06:</b> Rod part, pin unscrewed 312th rod (3/4"), repl PC	
<b>7/17/07:</b> Tbg leak, pull pump, tbg, test tbg	
<b>10/31/07:</b> Pump repair, some bad rods & boxes	
<b>1/25/08:</b> Tbg leak 268th jt, repl 3 jts, changed pump, POL	
<b>6/08:</b> H/O well. Tbg leak changed 30 jts. Put guides on lower 7/8" rods on bottom and somw 3/4" rods	
<b>1/09:</b> PC. Heavy Paraffin.	
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<b>7/14-RP</b> 61st 3/4" rod. Scanned tbg OOH: 114 Y, 151 B, 11G, 2R. Replaced 5-3/4" rods and 50-3/4" and 20-7/8" boxes due to wear and pitting	
<b>2/15-Pull rods and pump.</b> Pump had two splits. Tag PBTD @ 8860' TM. TIH w/ tbg. H/O	
<b>12/17:</b> Pump pull rod parted on bottom pin end, RIH w/ replacement pump	
<b>3/19:</b> Tag bottom @ 8871'. Scanned tbg, replaced 73 bad 2 7/8" jts J-55 6.5# Set 5 1/2" TA @ 6783' w/ 12,000 # tension	
<b>1/20 - Pull rods, pmp &amp; tbg.</b> Pmp's 10# to keep csg dead. Found sand in MA. RIH w/ MA, SN & TA on tbg, pmp'g 10#. Flow well, FCP 900#. BD, kill well, TOOH pmp'g 10#. PU Mod R pkr, TIH & set @ 6730'. Blow csg to 0#. SITP 1050#. BD, attempt to lwr pkr, would not set. Reset @ 6702'. LD rods. Flow via tbg w/ small psi & flow. Swab w/ no psi/flow. Tag TD w/ SL @ 8870', no fill. Rel pkr, pull some tbg & well flowing. TIH, set pkr @ 7020, flow well 450mcf. Rel pkr, attempt RIH, pkr kept setting. POOH pmp'g brine. PU new pkr, TIH pmp'g brine. Set pkr @ 8595'. RD & well dead. Swab w/ no psi/flow.	

**District I**  
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1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

COMMENTS  
  
Action 123333

COMMENTS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 123333
	Action Type: [C-103] Sub. Plugging (C-103P)

COMMENTS

Created By	Comment	Comment Date
plmartinez	DATA ENTRY PM	7/11/2022

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

CONDITIONS

Action 123333

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Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 123333
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	need C103Q and marker pics to release	7/11/2022