

Well Name: BELL LAKE UNIT	Well Location: T22S / R34E / SEC 32 / SWNW /	County or Parish/State: LEA / NM
Well Number: 21	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: STATE	Unit or CA Name: BELL LAKE, BELL LAKE INT. MORROW B	Unit or CA Number: NMNM68292F, NMNM68292X
US Well Number: 3002535118	Well Status: Abandoned	Operator: KAISER FRANCIS OIL COMPANY

Subsequent Report

Sundry ID: 2698244

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 10/14/2022	Time Sundry Submitted: 02:12
Date Operation Actually Began: 09/29/2022	

**Actual Procedure:** 9/29/22: POOH w/ tubing. Set CIBP @ 11,150' 9/30/22: TIH tag plug @ 11,150'. Spot 180 bbls mud. Spot 25sx on plug. 10/3/22: Tag TOC @ 10,976'. Pump 140 bbls mud. Spot 50sx @ 8526'. WOC. 10/4/22: Tag TOC @ 8230'. Set CIBP @ 7693'. Run CBL on 7" f/ 7000'-400'. TOC est @ ~3380' 10/5/22: Spot 25sx on top of CIBP. WOC and tag @ 7537'. Spot 40sx @ 6826. WOC and did not tag plug. Spot 40 additional sx @ 6826'. 10/6/22: Tag TOC @ 6549'. Test 7" to 500#. Spot 35sx @ 5290'. WOC and tag @ 5088'. Spot 45sx @ 3700'. WOC and tag @ 3477' 10/10/22: Run freepoint. Cut and pull 7" casing f/ 2600'. 10/11/22: Spot 80sx @ 2650'. WOC & tag @ 2417'. 10/12/22: Run CBL on 9 5/8". TOC @ surface. Spot 70sx 2263'. Spot 70sx @ 1650'. Spot 70sx @ 880'. Circ cement f/ 100' to surface. Well plugged.

SR Attachments

- Actual Procedure
- Log\_belllake21\_20221014141142.pdf
  - NBLU\_21\_Plugging\_Email\_20221014141142.pdf
  - NBLU\_21\_Plugging\_Email\_2\_20221014141142.pdf
  - Bell\_Lake\_North\_21\_P\_A\_WBD\_20221014141116.pdf

Accepted for record – NMOCD

JRH      05/03/2023

Received by OCD: 12/20/2022 8:22:57 AM

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US Well Number: 3002535118	Well Status: Abandoned	Operator: KAISER FRANCIS OIL COMPANY

Operator

I certify that the foregoing is true and correct. 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. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

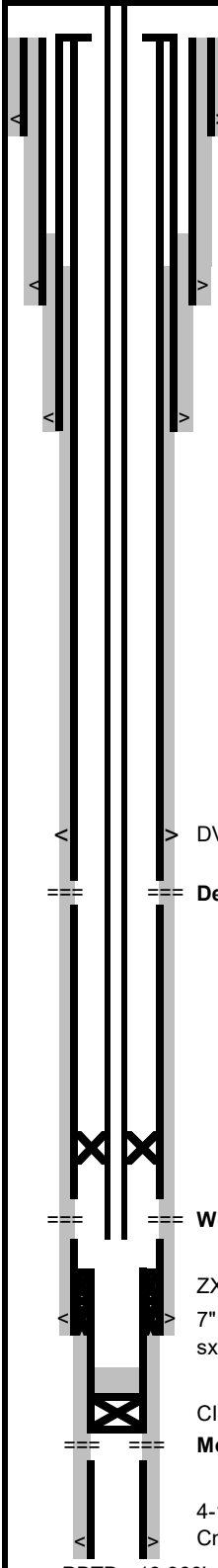
Operator Electronic Signature: CHRISTINA OPFER	Signed on: OCT 14, 2022 02:12 PM
Name: KAISER FRANCIS OIL COMPANY	
Title: Regulatory Manager	
Street Address: 6733 S YALE AVENUE	
City: TULSA	State: OK
Phone: (918) 491-4468	
Email address: CHRISTINAO@KFOC.NET	

Field

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: JAMES A AMOS	BLM POC Title: Acting Assistant Field Manager
BLM POC Phone: 5752345927	BLM POC Email Address: jamos@blm.gov
Disposition: Accepted	Disposition Date: 12/20/2022
Signature: James A. Amos	

<b>Kaiser-Francis Oil Company</b>	<b>North Bell Lake 21</b>
<b>Location:</b> Section 32-22S-34E <b>Field:</b> OJO Chiso <b>County:</b> Lea <b>State:</b> New Mexico <b>Elevation:</b> KB - 3448' GL - 3431'	<b>API:</b> 30-025-35118  <b>Spud Date:</b> 08/29/00 <b>Completed:</b> 12/00 <b>Diagram Updated:</b> 3/25/2020
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;">  <p>20", 94# K-55 @ 830'. Cmt'd w/ 1025 sx. Circ.</p> <p>13 3/8", 61# J-55 ST&amp;C @ 2213'. Cmt'd w/ 1300 sx. Circ.</p> <p>9 5/8" 40# N80 &amp; K55 @ 5239'. Cmt'd w/ 625 sx.</p> <p>DV Tool @ 6771'. Cmt'd w/ 1025 sx</p> <p>Delaware: 7743-7801' OA</p> <p>Wolfcamp: 11,201-07'</p> <p>ZXP Liner top packer @ 11,655'</p> <p>7" 26# P-110 csg @ 12,020'. Cmt'd w/ 925 sx</p> <p>CIBP @ 12,865' w/ 35' cmt on top</p> <p>Morrow: 12,886-13,094' OA</p> <p>4-1/2" 13.5# P-110 liner 11,674-13,407'. Cmt'd w/ 200 sx.</p> <p>PBTD - 13,366'</p> <p>TD - 13,407'</p> </div> <div style="width: 55%;"> <p style="text-align: center;"><b>Work History:</b></p> <p><b>8/00-</b> Drilled by DVN to 13,407'. Got stuck @ 5239' and had to run 9 5/8" to cover sloughing hole. Some deviation shallow: 3.5 @ 2357, 4 @ 2768, 2.25 @ 3081', 2.75 @ 4270', 2.5 @ 5104. Pretty mild dev from there to TD.</p> <p><b>8/00-</b> Ran 4 1/2" liner. Cemented and csg wouldn't bleed off. Found drill string to be plugged. C/O w/ CT. C/O cement to liner top. Pos test to 1500#, neg test 2325# and held. RIH and set ZXP liner top packer w/ tieback seal. Set pkr @ 11,655'. C/O to 13,366' w/ 3 3/4" mill.</p> <p><b>12/00-</b> TIH w/ TCP guns and TCP'd Morrow 12,886-90, 12,900-06, 12,915-16, 13,063-72, 13,080-82, 13,092-94 6 SPF (144 holes). Well IP'd 2.8 MMcf/d, 34 BOPD flowing at 5700# FTP on 6/64" ck. CAOF 30,877 mcf/d</p> <p><b>2/05-</b> Az Morrow w/ 204 gal acetic acid, 2496 gal methanol, 300 gal MS-16 and 5 tons CO2 + 100 BS. MP-6417#, AR-5.1. ISIP-3219, 15-241#</p> <p><b>8/08-</b> Set CIBP @ 12,865'. Dump 35' cmt. Perf Wolfcamp 11,201-07' w/ 4" csg gun @ 3 SPF. Ran tubing and packer and frac'd Wolfcamp 11,201-07 down 2 3/8" tubing w/ 1000 gal acid, 456 bbls X-link &amp; 15,645# 18/40 Versaprop. AR-9.1, AP-8500. ISIP-6172 15-4613 IP'd 22 BOPD + 35 Mcf/d</p> <p><b>11/08-</b> Set RBP @ 8,390'. Perf Delaware 7801-7798, 7758-50, 7743-46 @ 2 SPF. Frac 7743-7801' OA down 7" csg w/ 75 bbls 7.5% HCl, 2038 bbls Spectra Frac carrying 83000# 20/40 white and 21000# 16/30 Siberprop. AP-1418, AR-41.3. IP'd 8.3 BOPD and 128 BWPD (load)</p> <p><b>2/09-</b> Commingled Wolfcamp and Delaware. Noted box wear on top rods.</p> <p><b>7/09-</b> Box break 3rd rod from surface. <b>2/11-</b> PC. Stuck w/ scale. Barrell pitted.</p> <p><b>3/11-</b> PC pump stuck open w/ scale <b>5/11-</b> Rods back off (plunger broken)</p> <p><b>8/11-</b> Body break 4th rod from surface.</p> <p><b>1/12-</b> TL. Scanned: 299 yellow, 30 blue, 23 green, hole above SN</p> <p><b>2/12-</b> TL. Hydrotested all jts to 7000#. No leaks found</p> <p><b>11/12-</b> PC. Barrel grooved and scored. Scale in pump.</p> <p><b>3/13-</b> TL. Scanned: all yellow. Hole above SN.</p> <p><b>4/15-</b> Box break between 3rd and 4th rod. Ran grooved plunger pump. No scale found in pump. Installed guides on top 125 rods.</p> <p><b>7/18-</b> Scanned 298-Y, 36-B, 14-G, 5-R. No Hole. Replaced 20 jts.</p> </div> </div>	
<div style="display: flex; justify-content: space-between;"> <div style="width: 40%;"> <p style="text-align: center;"><b>Tubing Detail ( string landed w/ 13K tension)</b></p> <p>349 jts 2 3/8" L-80 (some AB Mod)</p> <p>2 3/8" X 7" TAC @ 11,100'</p> <p>4 jts 2 3/8"</p> <p>1 25/32" Mech SN @ 11,230'</p> <p>2 3/8" X 4" perf sub</p> <p>1 jt 2 3/8" MA EOT @ 11,265'</p> </div> <div style="width: 55%;"> <p style="text-align: center;"><b>Rod Detail</b></p> <p>125 7/8" N97 rods w/ S/O guides</p> <p>41 7/8" N97 rods</p> <p>240 3/4" N97 rods</p> <p>42 7/8" N97 rods</p> <p>On/off tool</p> <p>Spiral rod guide</p> <p>2" X 1.25" X 24 RHBM w/ grvd plgr</p> </div> </div>	

\* Good Porosity @ 10,530'. Decent porosity in BS @ 10,200'. Same Below 10,050'

# Kaiser-Francis Oil Company

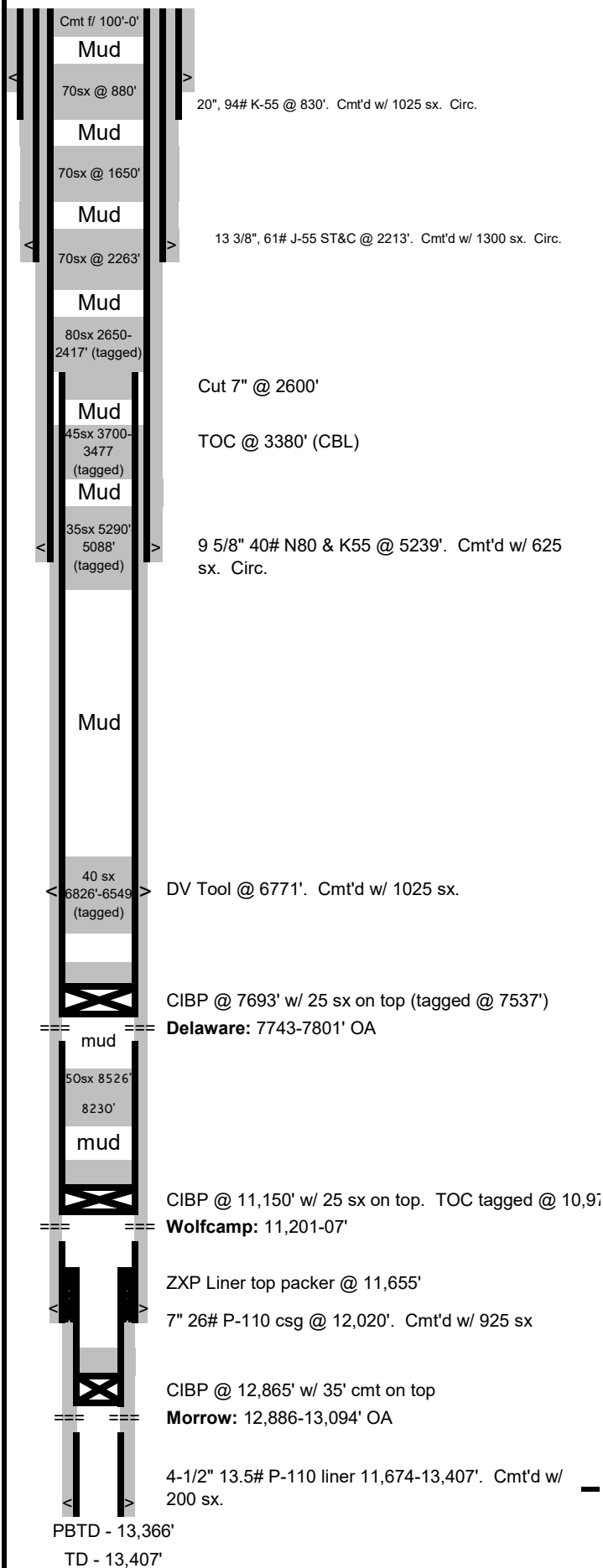
**Location:** Section 32-22S-34E

**Field:** OJO Chiso

**County:** Lea

**State:** New Mexico

**Elevation:** KB - 3448' GL - 3431'



North Bell Lake 21 (P&A)	
API:	30-025-35118
Spud Date:	08/29/00
Completed:	12/00
Diagram Updated:	11/19/2021
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<p>8/00- Drilled by DVN to 13,407'. Got stuck @ 5239' and had to run 9 5/8" to cover sloughling hole. Some deviation shallow: 3.5 @ 2357, 4 @ 2768, 2.25 @ 3081', 2.75 @ 4270', 2.5 @ 5104. Pretty mild dev from there to TD.</p> <p>8/00- Ran 4 1/2" liner. Cemented and csg wouldn't bleed off. Found drill string to be plugged. C/O w/ CT. C/O cement to liner top. Pos test to 1500#, neg test 2325# and held. RIH and set ZXP liner top packer w/ tieback seal. Set pkr @ 11,655'. C/O to 13,366' w/ 3 3/4" mill.</p> <p>12/00- TIH w/ TCP guns and TCP'd Morrow 12,886-90, 12,900-06, 12,915-16, 13,063-72, 13,080-82, 13,092-94 6 SPF (144 holes). Well IP'd 2.8 MMcf/d, 34 BOPD flowing at 5700# FTP on 6/64" ck. CAOF 30,877 mcf/d</p> <p>2/05-Az Morrow w/ 204 gal acetic acid, 2496 gal methanol, 300 gal MS-16 and 5 tons CO2 + 100 BS. MP-6417#, AR-5.1. ISIP-3219, 15-241#</p> <p>8/08-Set CIBP @ 12,865'. Dump 35' cmt. <u>Perf Wolfcamp 11,201-07' w/ 4" csg gun @ 3 SPF</u>. Ran tubing and packer and frac'd Wolfcamp 11,201-07 down 2 3/8" tubing w/ 1000 gal acid, 456 bbls X-link &amp; 15,645# 18/40 Versaprop. AR-9.1, AP-8500. ISIP-6172 15-4613 <b>IP'd 22 BOPD + 35 Mcf/d</b></p> <p>11/08-Set RBP @ 8,390'. Perf Delaware 7801-7798, 7758-50, 7743-46 @ 2 SPF. Frac 7743-7801' OA down 7" csg w/ 75 bbls 7.5% HCl, 2038 bbls Spectra Frac carrying 83000# 20/40 white and 21000# 16/30 Siberprop. AP-1418, AR-41.3. <b>IP'd 8.3 BOPD and 128 BWPD (load)</b></p> <p>2/09-<u>Commingled Wolfcamp and Delaware</u>. Noted box wear on top rods.</p> <p>7/09-Box break 3rd rod from surface. 2/11-PC. Stuck w/ scale. Barrell pitted.</p> <p>3/11-PC pump stuck open w/ scale 5/11-Rods back off (plunger broken)</p> <p>8/11-Body break 4th rod from surface.</p> <p>1/12-TL. Scanned: 299 yellow, 30 blue, 23 green, hole above SN</p> <p>2/12-TL. Hydrotested all jts to 7000#. No leaks found</p> <p>11/12-PC. Barrel grooved and scored. Scale in pump.</p> <p>3/13-TL. Scanned: all yellow. Hole above SN.</p> <p>4/15-Box break between 3rd and 4th rod. Ran grooved plunger pump. No scale found in pump. Installed guides on top 125 rods.</p> <p>7/18- Scanned 298-Y, 36-B, 14-G, 5-R. No Hole. Replaced 20 jts.</p> <p>1/21-Frac protect well: LD rods. Scan tubing OOH. RIH w/ packer.</p> <p>10/22-Well P&amp;A'd</p> <p>76'</p> <p>* Good Porosity @ 10,530'. Decent porosity in BS @ 10,200'. Same Below 10,050'</p>	

**District I**  
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Phone:(575) 393-6161 Fax:(575) 393-0720

**District II**  
811 S. First St., Artesia, NM 88210  
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**District III**  
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Phone:(505) 334-6178 Fax:(505) 334-6170

**District IV**  
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

CONDITIONS

Action 168703

CONDITIONS

Operator: KAISER-FRANCIS OIL CO PO Box 21468 Tulsa, OK 74121146	OGRID: 12361
	Action Number: 168703
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
john.harrison	None	5/3/2023