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 1000 Rio Brazos Rd., Aztec, NM 87410  
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 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

WELL API NO. <b>30-015-47448</b>	
5. Indicate Type of Lease STATE <input checked="" type="checkbox"/> FEE <input type="checkbox"/>	
6. State Oil & Gas Lease No.	
7. Lease Name or Unit Agreement Name <b>Poker Lake Unit 21 Lincoln Fee SWD</b>	
8. Well Number <b>001</b>	
9. OGRID Number <b>373075</b>	
10. Pool name or Wildcat <b>SWD; Devonian-Silurian</b>	
11. Elevation (Show whether DR, RKB, RT, GR, etc.) <b>3253'</b>	

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 <input type="checkbox"/> Gas Well <input checked="" type="checkbox"/> Other <b>SWD</b>	
2. Name of Operator <b>XTO Permian Operating, LLC.</b>	
3. Address of Operator <b>6401 Holiday Hill Rd, Midland TX 79705</b>	
4. Well Location Unit Letter <b>O</b> : <b>370</b> feet from the <b>South</b> line and <b>1355</b> feet from the <b>East</b> line Section <b>21</b> Township <b>25S</b> Range <b>30E</b> NMPM County <b>Eddy</b>	

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

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

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.

XTO Permian Operating respectfully submits this Notice of Intent to perform a workover on the above mentioned well. Please see attached Procedure, Proposed WBD, and current WBD.

Please note: Comment in red on procedure "Current Packer bottom is set at 16,360' MD. NMOCD requirement packer to be set within 100' of openhole which starts at 16,460' MD. If confirmed correct with CCL log, this will not allow a new packer to fit within 100' window, a regulatory exception is requested to set new packer as practical if the existing packer is tested bad.

Spud Date:

9/22/2020

Rig Release Date:

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

SIGNATURE Kristen Houston TITLE Regulatory Analyst DATE 6/11/2025

Type or print name Kristen Houston E-mail address: kristen.houston@exxonmobil.com PHONE: (432-894-1588)

**For State Use Only**

APPROVED BY: \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_

Conditions of Approval (if any):

**OBJECTIVE:** Repair tubing/casing/packer and return well on injection

**MASIP:** 1000 psi      **MAOP:**3000 psi (acid stimulation)      **Class C BOP Required**

**WO NOTES:**

- Tubing has 498 psi with 9.15 PPG fluid level expected to be very near surface.
- Full wellbore of 10 PPG KWF will result ~1000 psi overbalance at casing shoes
- Proposed same tapered tubing design (5-1/2" 17# L80 BTC and 4-1/2" 13.5# L80 BTC w/ TK15XT coating and KC Coupling)
- New Baker packer BHA will be a contingency if the existing packer to fail the pressure test. Should existing packer fail to test, the contingent plan stack new packer on the existing packer. Drill-out existing packer is not plan unless regulatory exception is not granted
- Existing tubing will be laid down and scrap, unless visual inspection indicated good quality which will necessitate inspection for future use on other company assets

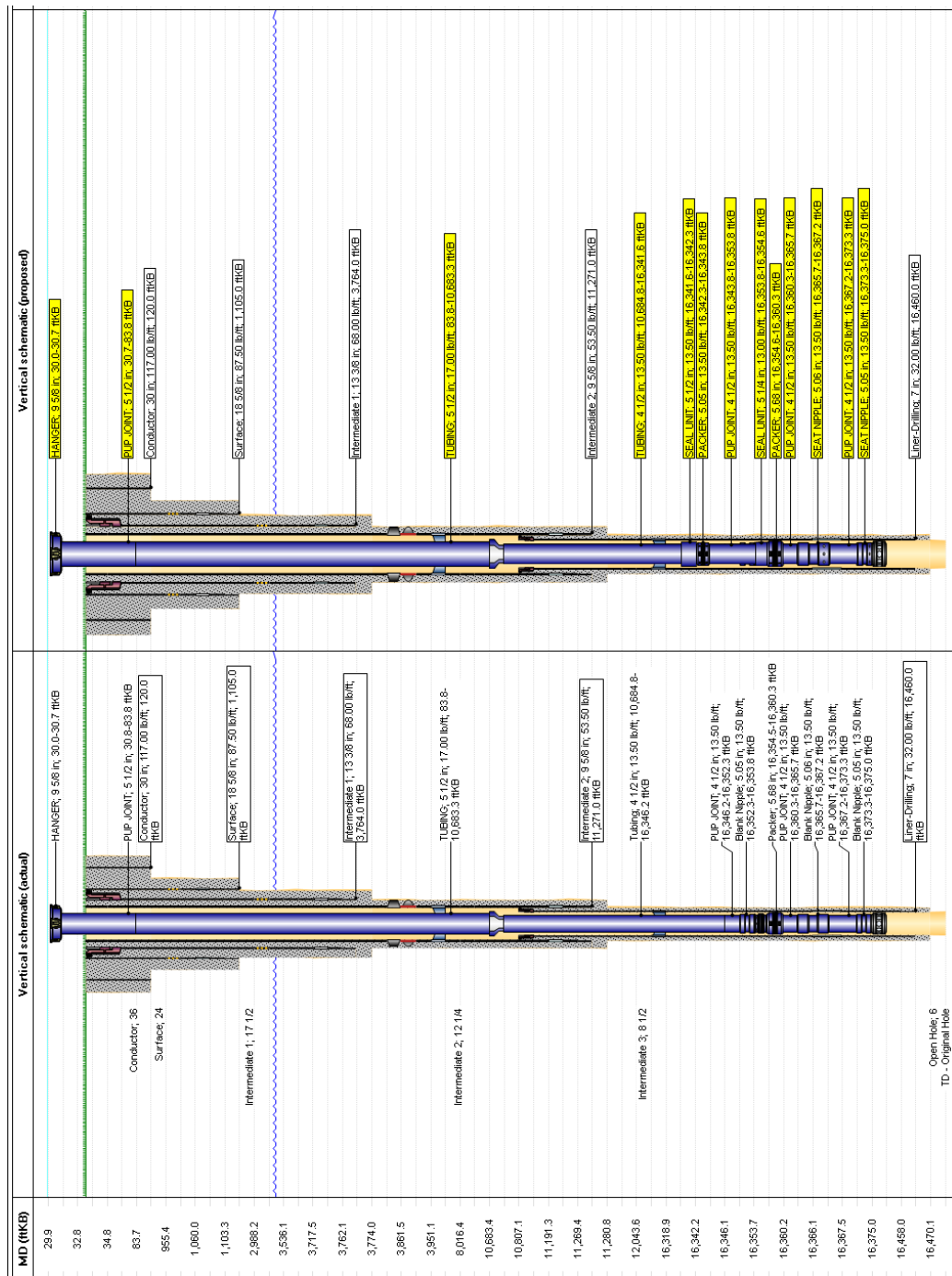
**PROCEDURE:**

1. MIRU WO rig and support equipment
2. Bleed any casing gas and monitor the rate of pressure buildup
3. Flush tubing with 421 BBLS of 10 PPG KW
  - 337 BBLS tubing capacity + 25% excess (78 BBLS)
  - Increase flush volume if sufficient return seen on casing
4. MIRU WLU. RIH CCL+GR and tubing perforator to open hole (to confirm packer and csg shoe dept). PU and shoot holes above packer
  - Record tubing and casing pressure immediately before and after perforating
  - Should GR not able to clear tubing to packer, pump 3500 Gallon 15% inhibited acid and spotting the acid across the packer for at least 15 minutes before flushing 1.25 tubing volume.
5. Flush the casing with 778 BBL of 10 PPG KWF. Monitor pressure buildup
  - 622 BBLS - Tubing X Casing annulus + open hole + 156 BBL (25% Excess)
6. ND injection tree
  - Inspect tubing hanger thread condition to determine whether a spear will be needed. Take photos for documentation
  - Tubing Hanger specs (Cactus):
    - CSGHGR,CW,MBU-3T-UPR-ONE,SN,7-5/8,11 NESTED X 5-1/2 (17#) BC BOX BTM X 6.125-4 STUB ACME-2G LEFT HAND BOX TOP & 5 HBPV THD,4.930 MIN BORE,18.5 LG,17-4PH SS,TEMP PU,MATL FF-0,5,PSL2,PR1
    - NOTE: HANGER MAKES UP TO LANDING JOINT WITH THE FOLLOWING-- PN 130131: RUN TOOL,CW,CSGHGR,MBU-3T-UPR-ONE,SN,7-5/8,11 NESTED,W/6.125-4 STUB ACME-2G LH PIN. BTM X 5-1/2 (20#) BC BOX TOP,24.5 LG,W/4.683 MIN BORE,4140 125K
  - Though 17-4 SS, a casing spear should be considered should landing thread compromised
  - Send in tree to Sonic WH (Jeff Barnett) for testing and repair

7. NU 10K x 5K DSA, 5K Class C BOPs with VBR for 5-1/2" to 3-1/2". Test according to the Completion and Well Work Standard Operating Procedures
8. Pick up and conduct 20 pts over-pull over string weight. Relax over-pull after 15 minutes pull test
  - Tubing string air weight is **~258.2 Klbs**, BW with 0.8472 Bouyancy Factor on **10 ppg fluid is 218.7 Klbs**.
  - Ensure rig floor and location are cleared and personnel in safe area while conducting the pull test on tubing
  - 40 pts overpull at surface is <40% tensile rating of 17# P110 pipe when new
  - Final pick-up 310 Klbs and slack-off ~250K (with block weight). Tubing was hanged ~with 45 pts compression on packer. Make sure to pick up and sit back down to attempt checking the initial weight for assessment.
9. Pick up with ~10 pts over-pull, rotate 8-10 rounds (~15 round at surface) to release from Baker's permanent packer. Gradually making step increase on over-pull until successful releasing from packer.
  - If unable to release from packer, RU WLU. Make GR and tubing free point (and possibly stuck pipe log). RIH CCL with radial cutting tool to cut pipe body above packer (Further guidance to be provided and be based on free-point and CCL). Ensure the **tubing in tension** when making cut
10. TOH & LD 5-1/2" & 4.5" tapered tubing. Send tubing string to scrap/inspection per procurement instruction
  - Visually inspect pins for IPC damage while TOO. Take photos for documentation
  - Visually inspect tubing for any scale. If scale is found, contact ChampionX reps for sampling and discuss with Ops Engr to determine the need of injectivity test
  - Inspect elastomer seals of anchor latch for signs of damage when pulled and send to Baker to verification and refurbishment
  - If pipe cutting performed, RU overshot and 4-1/2" basket grapple with 3-1/2" working. Rotate and release from packer. Pull out and LD the remaining 4-1/2" tubing
11. MU Baker's dummy seal assembly. RIH and sting into packer
12. PT casing and packer to 1500 psi for 30 minutes
  - If test failed, make a bit and casing scraper run for 7" casing. TIH 7" RBP/Service Packer combo. Set RBP above packer and pressure test casing to 1500 psi. Use the 9-5/8" service packer to determine leak point as necessary
  - If failure is determined in casing or liner top, evaluation will be done to either perform a cement squeeze or suspend the operation
  - If packer failure is determined, the base plan is to mill/pull the existing packer and set a new Baker packer if no significant hiccup on WO execution. Make additional trip to mill/pull the existing packer. If well conditions make it challenging to mill/pull existing packer. New packer may be set above existing packer. No pump-out plug nor rupture disk will be run with new packer if well remains static with 10 PPG.

- **Current packer bottom is set 16,360.3 ft-MD. NMOCD requires packer set within 100' of openhole which starts at 16,460 ft-MD. If confirmed correct with CCL log, this will not allow a new packer fit within 100' window. Regulatory exception is requested to set new packer as close to the existing packer as practical if the existing packer is tested bad.**
13. MIRU acid transport truck and pump unit (Jose Romero - Acid Tech - 432-266-2243, [romero@acidtechservices.com](mailto:romero@acidtechservices.com)). Pressure test line to 300/4000# for 15 minutes each, establish injection rate down casing. Bullhead 20,000 Gallons of emulsified blend acid of 90%/10% of 15% HCl and Xylene at highest rate possible (~13 BPM)
    - Be sure to monitor annulus pressure during acid treatment.
    - MAX treating pressure 3274 psi (self-imposed limit)
    - Pumping acid down workstring with workstring hang below liner top will be considered if scale build up is seen when pulling out tubing.
  14. Displace acid with treated KWF 25% excess. Once acid is flushed and displaced, shut down and monitor 5 min, 10 min, and 15 min ISIP's if well is not on a vacuum
  15. POOH and LD work-string and dummy seal assembly
  16. TIH Baker latch seal assembly w/ tapered 5-1/2" x 4.5" tubing and latch into packer.
- ENSURE TUBOSCOPE REP IS ON SITE WHILE TIH NEW PIPE**
- Tubing String Specs:
    - i. ~10685' of 5-1/2" 17# L80 BTC w/ TK 15XT coating and KC Coupling
    - ii. 5-1/2" BTC box x 4-1/2" pin with TK 15XT
    - iii. ~5681' of 4-1/2" 13.5# L80 BTC w/ TK 15XT coating and KC Coupling
    - iv. Nickel coated latch seal assembly - Baker
  - There is possibility that the rig may not be able to release from packer once latched-on. Be sure to keep careful tally of pipe. Pickup and slack off as the tubing close to packer. Displace well with packer fluid before tagging and use multiple pup joints approaching packer depth
17. Treated KWF will be used for packer fluid. Allow well to stabilize before latching into packer before spacing out and latch on packer
    - Land tubing with 40 pts compression
    - Fill TCA to full if needed
  18. NU tree. Pressure test void to rated working pressure and trees to 4500 psi
  19. Perform preliminary MIT by pressure testing the TCA to 500 psi for 30 minutes w/ 1000# chart recorder
    - Email/Text chart picture to Tom Lai, Pat Wisener, and Clint Pinson for review
    - Add chart picture to Wellview Attachment section
    - Deliver physical chart to Pat Wisener or Clint Pinson to be handed over to Frank Fuentes
    - NOTE: If new packer assembly is run with either pump out plug or rupture disk, PT tubing to 1500 psi and monitoring casing annulus for 30 minutes before rupturing disc

20. If new packer was run with bust dish, MIRU slickline (not braided line), Pressure test to 300/1500 psi for 15 minutes each. RIH with chisel and rupture disk
21. RDMO and turn over well to SWD Foreman (Frank Fuentes)
  - NOTE: Frank Fuentes will notify NMOCD of MIT at least 24 hrs before conducting an official MIT. The well will be returned on injection after obtaining necessary regulatory notifications and approvals.

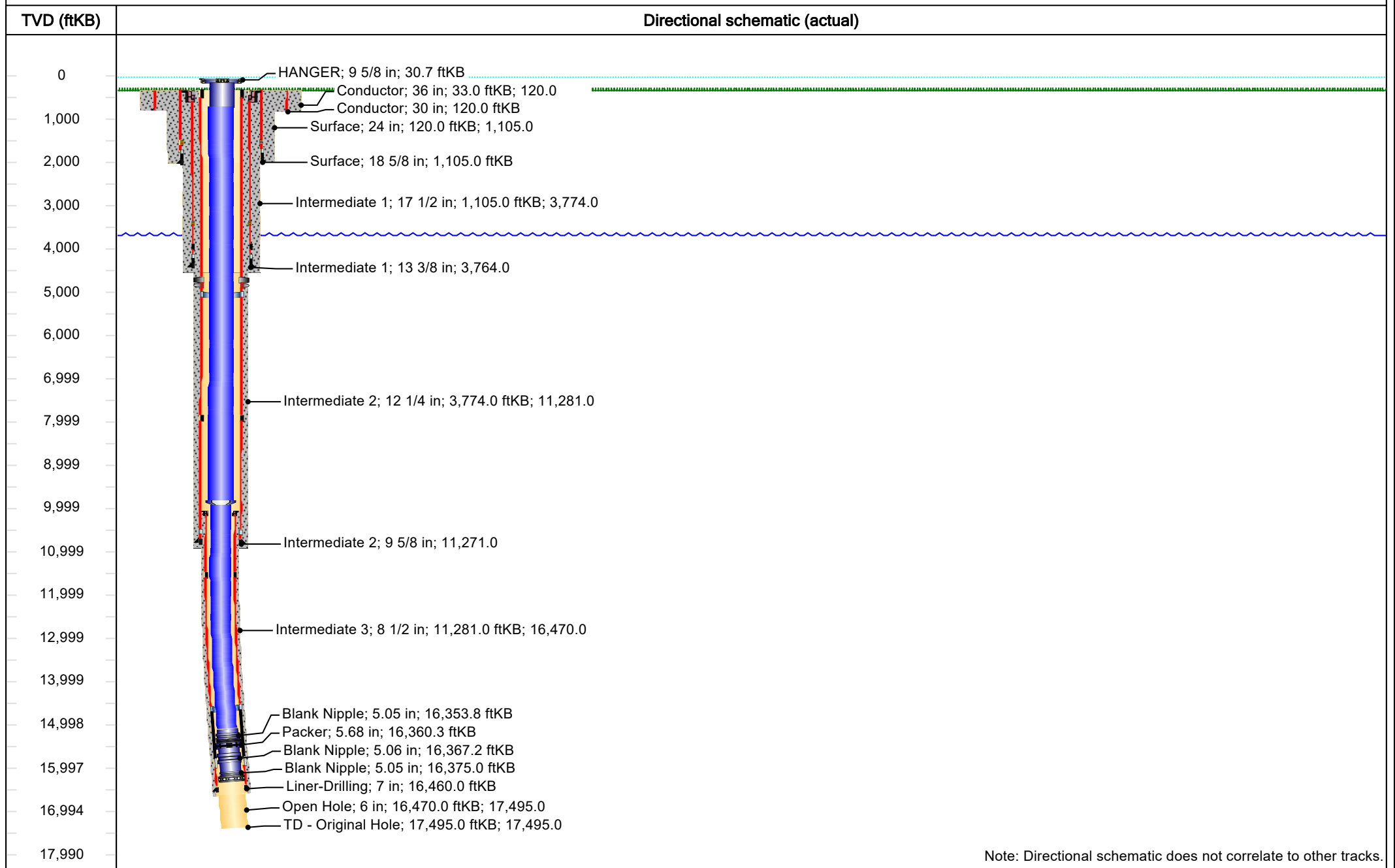




## Schematic - Current Directional

### Well Name: Poker Lake Unit 21 Lincoln Fee SWD 001

API/UWI 3001547448	SAP Cost Center ID 1986791001	Permit Number NMOCD	State/Province New Mexico		County Eddy		
Surface Location T25S-R30E-S21			Spud Date 9/22/2020 07:00	Original KB Elevation (ft) 3,286.00	Ground Elevation (ft) 3,253.00	KB-Ground Distance (ft) 33.00	Surface Casing Flange Elevation (ft)







Sante Fe Main Office  
Phone: (505) 476-3441

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/contact-us>

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

CONDITIONS

Action 473150

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 473150
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	Should placement of the packer be above the 100-foot limit, Operator shall submit a written request for a Packer Setting Depth Exception after completion of an acceptable MIT to return the well to injection. Resumption of injection shall be allowed prior to the issuance of an Exemption order with an acceptable MIT following the remedial action.	11/12/2025