

Submit a Copy To Appropriate District
Office
District I – (575) 393-6161
1625 N. French Dr., Hobbs, NM 88240
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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

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.)		WELL API NO.
1. Type of Well: Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>		5. Indicate Type of Lease STATE <input type="checkbox"/> FEE <input type="checkbox"/>
2. Name of Operator		6. State Oil & Gas Lease No.
3. Address of Operator		7. Lease Name or Unit Agreement Name
4. Well Location Unit Letter _____: _____ feet from the _____ line and _____ feet from the _____ line Section _____ Township _____ Range _____ NMPM _____ County _____		8. Well Number
		9. OGRID Number
		10. Pool name or Wildcat
11. Elevation (Show whether DR, RKB, RT, GR, etc.)		

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
PERFORM REMEDIAL WORK <input 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.

Spud Date:

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 _____ DATE _____

Type or print name _____ E-mail address: _____ PHONE: _____

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any):

Poker Lake Unit 32 Platy State SWD 001**30-015-46256****OBJECTIVE:** Repair tubing/packer leak, restimulate, and return well on injection**MASIP:** 720 psi**MAOP:** 1500 psi (3500 psi if acid stimulation)**Class C BOP Required****WO NOTES:**

- Tubing and casing tracking each at approximately at 720 psi with the fluid levels expected to be at or near the surface
- There are currently two permanent packers in the well. The top packer was set at 15,505' (100' above Production CSG shoes) with reference to KB-GL being 22.5'
- Existing tubing (5-1/2" 17# BTC P110 and 4-1/2" 13.5# BTC P110 w/ TK15XT coating and KC Coupling) will be laid down and new tapered tubing with BTS 6/8 connection will be run.
- Existing tubing may be sent back to yard for inspection and recoating if conditions visually inspected good
- New packer BHA will be contingent should existing packer assembly failed to pressure test and failed to retrieve to surface
- Should the existing packer fail to pressure test, the existing packer will be burn and pull prior to setting a new packer.

PROCEDURE:

1. MIRU WLU. RIH CCL+GR and tubing perforator. Shoot holes above packer
 - Record tubing and casing pressure immediately before and after perforating
2. MIRU WO rig and support equipment
3. Flush Tubing-Casing Annulus and then Tubing with 10# KWF
 - Tubing X Casing Annulus Capacity + open-hole *1.25 – 660 BBLS
 - Tubing Capacity (to packer) *1.25 – 340 BBLS
 - May flush tubing first for ease of RU WL and RIH with gun to perforate tubing
 - Note: The KWF is currently calculated at 10.2 PPG at 720 psi. However, it is anticipated that the SI pressure to decrease with SI. Recalculate the KWF density required as necessary after attempting to kill well with 10 PPG.
4. ND injection tree
 - Inspect tubing hanger thread condition. Take photos for documentation
 - Tubing Hanger specs: T-EN, 7, 11 X 5-1/2 BC BOX BTM AND TOP, W/5 HBPV THD.
 - A casing spear should be considered should landing thread compromised
 - Send in Christmas tree to Sonic (Jeff Barnett) for service and testing
5. NU 10K x 5K DSA, 5K Class B BOPs with VBR 3-1/2" to 5-1/2". Test according to the Completion and Well Work Standard Operating Procedures

6. Straight pull 25 pts over-pull (test pulling tubing)
7. Slack back ~5 pts over-pull, rotate 8-10 round to release from BWR Packer
 - Tubing string air weight is 246.2 K lbs, calculated buoyancy weight with **10 ppg fluid is 209 K lbs.**
 - Final Pick up was 232K and Final slack-off was 210K. Tubing was hanged with 60K compression on packer
 - If unable to release from packer, RU WLU. Make GR and tubing free point. RIH CCL with radial cutting tool to cut pipe body above packer (Further guidance to be provide based on free-point and CCL). Ensure the **tubing in tension** when making cut

NOTE: It is highly recommended to have casing spear and WLU (with tubing cutter and free-point tool) on location as contingencies for bad tubing hanger threads and the lack of success rotating out from the packer

8. TOH & LD 5-1/2" & 4.5" tapered tubing string. Send in tubing string inspection if condition visually inspected good.
 - Visually inspect pins for IPC damage while TOOH. 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 Halliburton
 - 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
9. MU Halliburton dummy seal assembly. RIH and sting into packer
10. PT casing and packer to 1500 psi for 30 minutes
 - If test failed, MIRU BLU and make GR. TIH 7" RBP/Service Packer combo. Set RBP above packer and pressure test casing to 1500 psi. Use the service packer to determine leak point as necessary
 - It expected that the liner top to allow very minor gas to percolate up the surface based on surface pressure build overtime
 - If failure is determined in casing or liner top, evaluation will be done to either perform a cement squeeze or suspend the operation
 - If failure is determined on the packer, attempt will be made to remove the existing packer. **Current packer BHA top is 15,505 ft-MD. NMOCD requires packer set within 100' of openhole which starts at 15,605 ft-MD.** Regulatory exception will be required to set packer above 15505 ft-MD
 - Plan to change from Halliburton packer to Baker Packer new packer is required
11. MIRU acid transport truck and pump unit (Jose Romero - Acid Tech - 432-266-2243, romero@acidtechservices.com)
 - Equipment list: 4 acid transport trucks, 1 quintuplex pump or equivalent
 - Standard safety equipment (Shower a must)

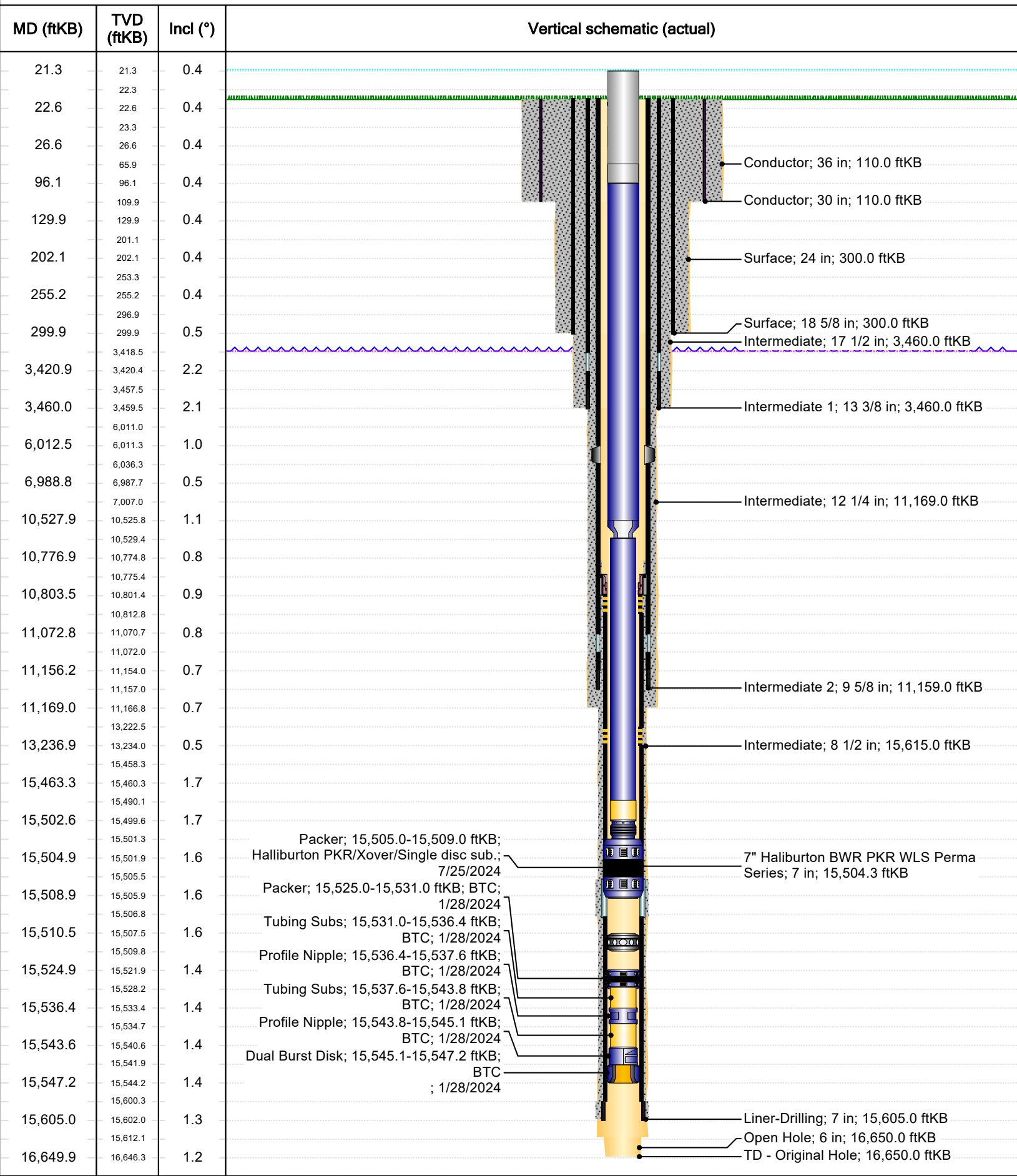
12. Rig up to work string. Pressure test equipment to 4500 psi. Max treating pressure during job is 3000 psi (Unlikely to reach the self-imposed limit)
13. Establish injection rate. Bullhead 20,000 Gallons of emulsified blend acid of 90%/10% of 15% HCl and Xylene at highest rate possible (~13 BPM) while keeping tubing pressure below 3000 psi
 - Be sure verify acid to monitor annulus pressure during acid treatment
14. Flush tubing with 165 bbls of KWF (30 bbl more than capacity). 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 work-string
16. TIH attached Halliburton latch seal assembly w/ tapered 5-1/2" x 4.5" tubing and latch into packer. **ENSURE TUBOSCOPE REPS (or qualified specialist) IS ON SITE WHILE TIH NEW PIPE**
 - Tubing Specs: **5-1/2" 17# L80 BTS-6 w/ TK15XT coating and & 4-1/2" 12.75# L-80 BTS8 w/ TK15XT coating**
 - There is possibility that the rig may not be able to release from packer once it has 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 pup joints should be considered when approaching packer depth
17. Treated 10 PPG 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 chart picture to Tom Lai, Pat Wisener, Clint Pinson, and Fabian Aranda
 - Add chart picture to Wellview Attachment section
 - Deliver physical chart to Clint Pinson or Fabian Aranda to be handed over to SWD Forman - Frank Fuentes
 - **NOTE:** If new packer assembly is run with rupture disc, 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 W/L, RIH and to rupture disk
21. RDMO and turn over well to SWD Forman (Frank Fuentes to RWTI)
 - **NOTE:** Frank Fuentes will notify NMOC of MIT at least 24 hrs before conducting an official MIT and returning the well on injection



Current Schematic - Vertical with Perfs

Well Name: Poker Lake Unit 32 Platy State SWD 001

API/UWI 3001546256	SAP Cost Center ID 2199131001	Permit Number 326088	State/Province New Mexico	County Eddy
Surface Location T23S-R30E-S32	Spud Date 11/16/2019 22:00	Original KB Elevation (ft) 3,267.50	Ground Elevation (ft) 3,245.00	KB-Ground Distance (ft) 22.50

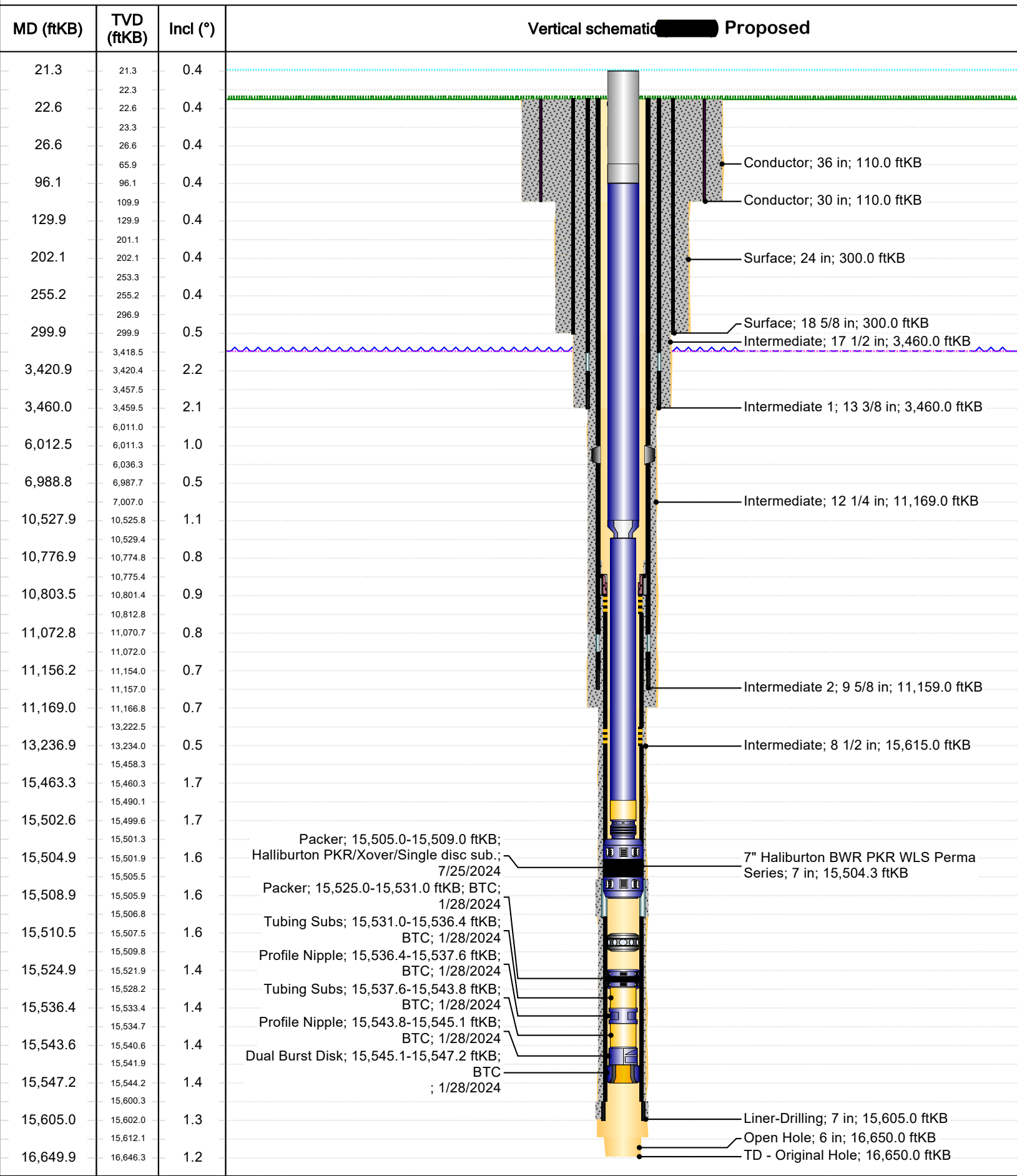




Proposed Schematic - Vertical with Perfs

Well Name: Poker Lake Unit 32 Platy State SWD 001

API/UWI 3001546256	SAP Cost Center ID 2199131001	Permit Number 326088	State/Province New Mexico	County Eddy
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Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 539822

CONDITIONS

Operator: XTO PERMIAN OPERATING LLC. 6401 HOLIDAY HILL ROAD MIDLAND, TX 79707	OGRID: 373075
	Action Number: 539822
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
pgoetze	None	1/9/2026