Santa Fe Main Office
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https://www.emnrd.nm.gov/ocd/contact-us/

State of New Mexico
Energy, Minerals and Natural Resources

OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-103
Revised July 18, 2013

WELL API NO.
30-015-45237

5. Indicate Type of Lease
STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

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.)

7. Lease Name or Unit Agreement Name
POKER LAKE UNIT 36 DTD STATE

1. Type of Well: Oil Well ☐ Gas Well ☒ Other SWD

8. Well Number 001 SWD

2. Name of Operator
XTO PERMIAN OPERATING LLC

9. OGRID Number
373075

3. Address of Operator
6401 HOLIDAY HILL RD BLDG 5, MIDLAND, TX 79707

10. Pool name or Wildcat
WOLFCAMP

4. Well Location
Unit Letter A : 660 feet from the NORTH line and 660 feet from the EAST line
Section 36 Township 24S Range 30E NMPM County EDDY

11. Elevation *(Show whether DR, RKB, RT, GR, etc.)*
3438' GL

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

NOTICE OF INTENTION TO:				SUBSEQUENT REPORT OF:			
PERFORM REMEDIAL WORK	☒	PLUG AND ABANDON	☐	REMEDIAL WORK	☐	ALTERING CASING	☐
TEMPORARILY ABANDON	☐	CHANGE PLANS	☐	COMMENCE DRILLING OPNS.	☐	P AND A	☐
PULL OR ALTER CASING	☐	MULTIPLE COMPL	☐	CASING/CEMENT JOB	☐		
DOWNHOLE COMMINGLE	☐						
CLOSED-LOOP SYSTEM	☐						
OTHER:	☐			OTHER:			☐

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 LLC, RESPECTFULLY REQUESTS PERMISSION TO WORKOVER THE ABOVE MENTIONED WELL PER THE ATTACHED PROCEDURE. PLEASE ALSO SEE ATTACHED CURRENT AND PROPOSED WELLBORE DIAGRAMS.

Spud Date: 8/25/2018 Rig Release Date: 10/31/2017

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 11/22/2024

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

WO NOTES:

- Tubing has 291 psi with 9.15 PPG fluid level expected to be at surface
- Casing has 115 psi with the fluid level near or at surface
- Full wellbore of 10 PPG KWF will result ~600 psi overbalance at casing shoes
- Well was last WO'd in July 2022 with tubing and seal assembly replaced
- 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.
- Existing tubing will be laid down and scrap, unless visual inspection indicated good quality which will necessitate inspection for future use

PROCEDURE (Conditional to NOI approval):

1. MIRU WO rig and support equipment
2. Bleed any casing gas and monitor the rate of pressure buildup
3. Flush tubing with 390 BBLS of 10 PPG KW
   - 311 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. Shoot holes above packer
   - Record tubing and casing pressure immediately before and after perforating
   - Should GR not able to clear tubing to packer, pump 5000 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 751 BBL of 10 PPG KWF. Monitor pressure buildup
   - 601 BBLS - Tubing X Casing annulus + 150 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 (from Vaught): 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 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 ~**251 Klbs,** BW with **10 ppg fluid is 212 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 238 KLbs and slack-off ~220K (with block weight). Tubing was hanged ~with 42 points compression on packer. (Pick up and drop down to attempt checking the initial weight if necessary).

9. Pick up with ~10 pts over-pull, rotate 8-10 round 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 just 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 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 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 set 16,640 ft-MD, NMOCD requires packer set within 100' of openhole which starts at 16,700 ft-MD. Attempt to set new packer and tailpipe and seal assembly (no latch) inside existing packer (Using workstring).**

13. MIRU acid transport truck and pump unit (Jose Romero - Acid Tech - 432-266-2243, romero@acidtechservices.com). Pressure test line to 300/3000# 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
- 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. ~7526' 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. ~9100' 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 pup joints should be considered when 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 W/L, 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.

Proposed

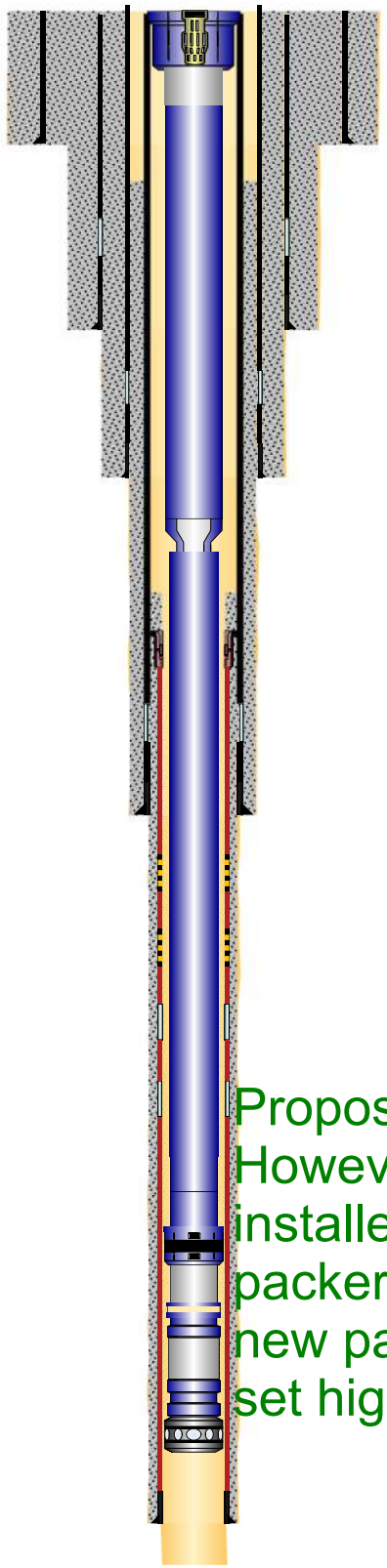
Schematic - Wellbore - Vertical

Well Name: Poker Lake Unit 36 DTD State SWD 001

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County
3001545237	1935341001	NMOCD	New Mexico	Eddy

Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)	KB-Ground Distance (ft)
T24S-R30E-S36	11/27/2018 13:00	3,468.00	3,438.00	30.00

Vertical schematic (actual)



2/7/2019; Tubing Hanger; 9 in; 31.5 ftKB

2/7/2019; Tubing Pup Joint; 5 1/2 in; 36.6 ftKB

Conductor; 36 in; 120.0 ftKB

Casing; Conductor; 30 in; 157.73 lb/ft; J-55; 30.0-120.0 ftKB

Surface; 24 in; 870.0 ftKB

Casing; Surface; 18 5/8 in; 87.50 lb/ft; J-55; 30.0-870.0 ftKB

Intermediate; 17 1/2 in; 4,100.0 ftKB

Casing; Intermediate 1; 13 3/8 in; 68.00 lb/ft; HCL-80; 30.0-4,100.0 ftKB

2/7/2019; Tubing; 5 1/2 in; 11,068.4 ftKB

Production; 12 1/4 in; 12,017.0 ftKB

2/7/2019; Cross Over; 5 1/2 in; 11,069.9 ftKB

Casing; Production; 9 5/8 in; 53.50 lb/ft; HCP-110; 30.0-12,017.0 ftKB

2/7/2019; Tubing; 4 1/2 in; 16,624.6 ftKB

Production; 8 1/2 in; 16,700.0 ftKB

Proposed - Same as current. However, new packer may be installed of top of the existing packer if fail to pressure test. If new packer is needed, it will be set higher than 16,600'.

2/7/2019; Tubing Pup Joint; 4 1/2 in; 16,630.7 ftKB

2/7/2019; Seal Assembly; 4 1/2 in; 16,633.9 ftKB

2/7/2019; Packer; 5.69 in; 16,639.7 ftKB

2/7/2019; Tubing Pup Joint; 4.52 in; 16,645.1 ftKB

2/7/2019; R Nipple; 5.04 in; 16,646.5 ftKB

2/7/2019; Tubing Pup Joint; 5.03 in; 16,652.7 ftKB

2/7/2019; RN Nipple; 5.05 in; 16,654.4 ftKB

2/7/2019; Ceramic Disc Sub; 5.67 in; 16,656.5 ftKB

Casing; Liner-Drilling; 7 in; 32.00 lb/ft; P-110; 11,613.5-16,700.0 ftKB

Open Hole; 6 in; 17,820.0 ftKB

TD - Original Hole; 17,820.0 ftKB

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1220 S. St Francis Dr.
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CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 405791
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	If the workover requires a tubing change, the tubing size must match the specifications outlined in the respective order. Additionally, the packer shall not be set more than 100 feet above the top of the open hole injection interval. In the event of a leak in the casing and a squeeze operation being performed, a cement bond is necessary to ensure the competency of the cement.	12/19/2024