

Well Name: PLU PIERCE CANYON 3
FED SWD**Well Location:** T25S / R30E / SEC 3 /
SWSE / 32.154681 / -103.865697**County or Parish/State:** EDDY /
NM**Well Number:** 1**Type of Well:** INJECTION - ENHANCED
RECOVERY**Allottee or Tribe Name:****Lease Number:** NMLC061616A**Unit or CA Name:****Unit or CA Number:**
NMNM71016X**US Well Number:** 3001540435**Well Status:** Water Disposal Well**Operator:** XTO PERMIAN
OPERATING LLC

Notice of Intent

Sundry ID: 2762065**Type of Submission:** Notice of Intent**Type of Action:** Workover Operations**Date Sundry Submitted:** 11/16/2023**Time Sundry Submitted:** 02:39**Date proposed operation will begin:** 01/02/2024**Procedure Description:** XTO Permian Operating, LLC. Respectfully requests approval for this NOI to Workover for the above mentioned well. Please find attached procedure, Current and Proposed WBD.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

PLU_Pierce_Canyon_3_Federal_SWD_1__WO_Procedure__WBD_Current_and_Proposed_20231116143751.
pdf

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Operator: XTO PERMIAN
OPERATING LLC

Conditions of Approval

Specialist Review

Workover_or_Vertical_Deepen_COA_20231208134129.pdf

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: KRISTEN HOUSTON

Signed on: NOV 16, 2023 02:37 PM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLAND

State: TX

Phone: (432) 620-6700

Email address: KRISTEN.HOUSTON@EXXONMOBIL.COM

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JONATHON W SHEPARD

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5752345972

BLM POC Email Address: jshepard@blm.gov

Disposition: Approved

Disposition Date: 12/08/2023

OBJECTIVE: Replace tubing and return well on injection

MASIP: 1000 psi

MAOP: 1500 psi (during testing only)

Class B BOP Required

WO NOTES:

- Tubing and casing are 60 psi and 150 psi and with fluid level expected to be at or near the surface
- Top of packer was set at 16,384' WLM (Bottom of packer BHA @16,400' WLM or 24' above the float shoe at 16,424' WLM)
 - o Top of packer at 16,395' via tubing tally, 14' above production CSG shoes @ 16,409' KB via casing tally)
- Proposed the similar tubing size design (4-1/2" 13.5# BTC w/ TK15XT coating and KC Coupling and 3-1/2" 9.3# EUE w/ TK15XT Coating and KC Coupling)
- Base plan is to install new packer BHA on top of existing BHA unless the existing seal assembly visually inspect in excellent condition
- Existing tubing is expected to be in poor condition. It will be laid down and sent to scrap yard for salvage value unless visually inspected good

PROCEDURE:

1. MIRU WO rig and support equipment
2. Bleed off casing pressure and monitor the rate of pressure buildup
 - Contact Ops Engr for if unable to bleed down
3. MIRU WLU. RIH CCL+GR and tubing perforator. Shoot holes above packer
 - Record tubing and casing pressure immediately before and after perforating
4. Flush Tubing and Tubing-Casing Annulus with KWF
 - Tubing Capacity – 229 BBLS
 - Tubing X Casing Annulus Capacity – 664 BBLS
5. ND injection tree
 - Inspect tubing hanger thread condition. Take photos for documentation
 - Recommended to have casing spear on location when encountered questionable tubing hanger landing threads
 - Effort exhausted to determine the tubing hanger landing thread. Based on past WO, the best guess is that the hanger to have 4.5" ACME-2G BOX for landing thread. A casing spear will be needed for contingency.
6. NU 10K x 5K DSA, 5K Class I BOPs with VBR 3-1/2" to 4-1/2". Test according to the Completion and Well Work SOP. 10K Class 1 BOP will be ok if 5K not available
7. Without rotation, pull test tubing to 240k lbs to confirm tubing integrity
 - Ensure rig floor is clear and secure
 - Tubing string air weight is **207.6K lbs**, The BW with **10 ppg fluid is 175.9K lbs.**
 - Record shows string weight of **185K lbs** (likely to include block weight)
 - Tubing was set with 70K lbs compression and took 10' to achieve the compression (Meaning the tubing should weight ~176K lbs with 10' traveled. May check/calibrate weight with 115K lbs initial pickup weight. However, do not trust this figure with certainty)

8. Pick up with 1-10 pts over-pull, rotate 8-10 round to release from packer
 - It is highly recommended to scope and plan for WLU (with tubing cutter and free point tool) due to experience on the lack of success rotating out from the 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 right above packer (Further guidance to be provided after free-point and CCL data). Ensure the **tubing in tension** at ~ 210k lbs when making cut
9. TOH & LD 4.5" x 3-1/2" tubing string
 - 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
 - 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
10. RU wireline and RIH w/ Baker permanent packer assembly and set immediately above the existing packer
 - Snap latch permanent packer – Nickel coated
 - 5' -3-1/2" 9.3 # L80 up – Nickel coated
 - 2.635" XN Nipple Stainless – Nickel coated
 - WL Re-entry guide – Nickel coated

NOTE: If the seal assembly in excellent condition, consideration may be given to keep existing packer and not setting new packer above existing packer

NOTE: **Top of packer was set at 16,384' WLM (Bottom of packer BHA @16,400' WLM. Top of packer at 16,395' via tubing tally, 14' above production CSG shoes @ 16,409' KB via casing tally). NMOCD requires packer set within 100' of openhole which starts at 16,409 ft-MD. Attempt to set tailpipe of new packer 1' above old packer top if requiring new packer.**

11. PT casing and packer to 1500 psi for 30 minutes
 - If test failed, MIRU BLU and make GR. TIH RBP/Service Packer combo of various sizes for 3 different sizes of casing). Set RBP above packer and pressure test casing to 1500 psi. Use the service packers 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
12. TIH attached Baker design latch assembly w 4.5"X3-1/2" tubing and latch into packer. **ENSURE TUBOSCOPE REPS (or qualified specialist) IS ON SITE WHILE TIH NEW PIPE**
 - Tubing Specs:
 - A) 4-1/2" 13.5# BTC w/ TK15XT coating and KC Coupling –
 - B) 4-1/2" BTC x 3-1/2" EUE crossover
 - C) 3-1/2" 9.3# EUE w/ TK15XT coating and KC Coupling – ~ 2575'
 - D) Baker snap latch seal assembly
 - There is possibility that the rig may not be able to release from packer once latch 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
13. 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 **50 pts compression**
 - Fill TCA to full if needed
 14. NU tree. Pressure test void to rated working pressure and trees to 4500 psi
 15. 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 Danny Thompson
 - Add chart picture to Wellview Attachment section
 - Deliver physical chart to Clint Pinson or Danny Thompson to be handed over to Frank Fuentes
 - **NOTE:** If new packer assembly is run, PT tubing to 1500 psi and monitoring casing annulus for 30 minutes before rupturing disc
 16. RDMO and turn over well to SWD Team (Sunanda Seshan and Frank Fuentes to RWTI)
 - **NOTE:** Frank Fuentes will notify NMOCD of MIT at least 24 hrs before conducting an official MIT and returning the well on injection



Tubing Details - With Schematic

Well Name: Poker Lake Unit PC 03 Federal 001 SWD

API/UWI 3001540435	SAP Cost Center ID 1667681001	Permit Number	State/Province New Mexico	County Eddy
Surface Location T25S-R30E-S03	Spud Date 3/16/2013 23:00	Original KB Elevation (ft) 3,347.00	Ground Elevation (ft) 3,322.00	KB-Ground Distance (ft) 25.00

DAILY SUMMARY:

This is only shown to ensure the summary matches to the Tubing Detail and is brought directly from the Daily Ops Summary. This will only show if the Run Date/Time matches the Daily Ops Start Date/Time

Vertical, Sidetrack 1, 7/20/2013 10:00:00 AM	
MD (ftKB)	Vertical schematic (actual)
24.9	
26.2	
27.2	
29.5	
30.8	
58.4	
60.4	
1,366.1	
1,799.9	
2,862.9	
2,864.8	
3,945.9	
3,958.0	
5,511.2	
7,000.0	
11,417.7	
11,660.1	
11,669.9	
13,795.3	
13,797.2	
13,816.6	
13,818.6	
13,969.5	
14,200.1	
14,442.9	
16,372.4	
16,373.7	
16,378.3	
16,383.9	
16,388.1	
16,389.4	
16,390.1	
16,393.7	
16,395.0	
16,399.6	
16,399.9	
16,409.1	
16,409.4	
16,410.8	
16,411.4	
16,500.0	
16,667.0	
17,794.9	
17,975.1	

Potash No											
Tubing String - Pulled Information											
Pull Date 11/16/2023 00:00				Pull Reason				Pull Job			
Tubing Strings											
Run Date 7/20/2013 10:00				Tubing Description Tubing				Set Depth (ftKB) 16,411.3			
Wellbore Sidetrack 1		TH Elev (ft)		Lateral Position		Run Job Drill and Complete, 4/3/2012 06:00, <jobsubtyp>					
Tubing Components											
Item Des	Cond Run	OD (in)	ID (in)	Grade	Wt (lb/ft)	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)		
Tubing Hanger		9	4.50			1	1.00	26.3	27.3		
Tubing		4 1/2	3.83		15.50	1	31.00	27.3	58.3		
Tubing Pup Joint		4 1/2	3.83		15.50	1	2.00	58.3	60.3		
Tubing		4 1/2	3.83	P-110	15.50	89	2,802.64	60.3	2,862.9		
Cross Over		4 1/2	3.96			1	1.75	2,862.9	2,864.7		
Tubing		4 1/2	3.96	L-80	12.75	347	10,951...	2,864.7	13,816.7		
Cross Over		4 1/2	2.92			1	1.92	13,816.7	13,818.6		
Tubing		3 1/2	2.92	L-80	9.30	85	2,575.00	13,818.6	16,393.6		
THSP CS Hydril A...		3 1/2	2.92			1	1.50	16,393.6	16,395.1		
Packer		3 1/2	2.92			1	4.59	16,395.1	16,399.7		
CS Hydril 10' tubin...		3.93	2.92	L-80	9.30	1	9.92	16,399.7	16,409.6		
X Nipple		3.93	2.31			1	1.22	16,409.6	16,410.8		
WL EG		3.93	2.92			1	0.52	16,410.8	16,411.3		



Proposed WBD

Well Name: Poker Lake Unit PC 03 Federal 001 SWD

API/Well	SAP Cost Center ID	Permit Number	State/Province
3001540435	1667681001		New Mexico
Surface Location	Spud Date	Original KB Elevation (ft)	Ground Elevation (ft)
T25S-R30E-S03	3/16/2013 23:00	3,347.00	3,322.00
Well Status	Method Of Production	Completion Date	
Active		7/21/2013	

MD (ftKB)	Vertical schematic (actual)	Vertical schematic (proposed)	Zones
27.2			
31.2			
51.8			
1,318.9	Surface; 18 1/8	Conductor; 20 in; 94.00 lb/ft; 153.0 ftKB Surface; 16 in; 84.00 lb/ft; 1,365.0 ftKB	Conductor; 20 in; 94.00 lb/ft; 153.0 ftKB Surface; 16 in; 84.00 lb/ft; 1,365.0 ftKB
1,365.2	Intermediate; 14 3/4	Intermediate 1; 13 3/8 in; 68.00 lb/ft; 3,946.0 ftKB	Intermediate 1; 13 3/8 in; 68.00 lb/ft; 3,946.0 ftKB
3,872.0			
3,945.9			
5,513.5	Intermediate; 12 1/4	Tubing; 4 1/2 in; 13.50 lb/ft; 27.3-13,795.3 ftKB	Tubing; 4 1/2 in; 13.50 lb/ft; 27.3-13,795.3 ftKB
11,417.7			
11,447.5			
11,557.1			
11,660.1			
13,797.2	Intermediate; 8 1/2	Intermediate 2; 9 5/8 in; 53.50 lb/ft; 11,653.0 ftKB Intermediate 3; 7 5/8 in; 39.00 lb/ft; 14,200.0 ftKB	Intermediate 2; 9 5/8 in; 53.50 lb/ft; 11,653.0 ftKB Intermediate 3; 7 5/8 in; 39.00 lb/ft; 14,200.0 ftKB
13,992.5			
14,106.9	Production; 6 1/2	Tubing; 3 1/2 in; 9.20 lb/ft; 13,797.3-16,372.2 ftKB Packer; 5 1/2 in; 16,373.7-16,378.3 ftKB	Tubing; 3 1/2 in; 9.20 lb/ft; 13,797.3-16,372.2 ftKB Packer; 5 1/2 in; 16,373.7-16,378.3 ftKB
14,200.1	Baker FAB Permanent Packer; 16,384.0-16,400.0 ftKB; 7/19/2013	6" tubing sub; 3 1/2 in; 9.20 lb/ft; 16,378.3-16,388.3 ftKB X Nipple; 3 1/2 in; 16,388.3-16,389.5 ftKB WL EG; 3 1/2 in; 16,389.5-16,390.0 ftKB	6" tubing sub; 3 1/2 in; 9.20 lb/ft; 16,378.3-16,388.3 ftKB X Nipple; 3 1/2 in; 16,388.3-16,389.5 ftKB WL EG; 3 1/2 in; 16,389.5-16,390.0 ftKB
16,274.3	Production; 4 1/2		
16,372.4	Sidetrack - Sidetrack 1		
16,383.9	Production; 4 1/2		
16,390.1			
16,409.1	Production; 4 1/2		
17,794.9	TD - Sidetrack 1	Production; 5 1/2 in; 23.00 lb/ft; 16,409.0 ftKB	Production; 5 1/2 in; 23.00 lb/ft; 16,409.0 ftKB

Baker FAB Permanent Packer; 16,384.0-16,400.0 ftKB; 7/19/2013

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
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 292799

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 292799
	Action Type: [C-103] NOI Workover (C-103G)

CONDITIONS

Created By	Condition	Condition Date
mgebremichael	same tubing size shall be replaced as it is stipulated in the respective SWD-order. The packer shall not be set more than 100 ft. above the top perforation or top part of the injection interval of the open hole.	12/29/2023