Office Office	State of New Mexico	Form C-103 ¹ of 8
<u>District I</u> – (575) 393-6161	Energy, Minerals and Natural Res	ources Revised July 18, 2013 WELL API NO.
1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> – (575) 748-1283	OIL CONSERVATION DIVIS	30-015-47448
811 S. First St., Artesia, NM 88210 District III – (505) 334-6178	1220 South St. Francis Dr	5. Indicate Type of Lease
1000 Rio Brazos Rd., Aztec, NM 87410	Santa Fe, NM 87505	STATE N FEE
<u>District IV</u> – (505) 476-3460 1220 S. St. Francis Dr., Santa Fe, NM	Santa 1 c, 1414 67505	6. State Oil & Gas Lease No.
87505	CES AND REPORTS ON WELLS	7. Lease Name or Unit Agreement Name
	SALS TO DRILL OR TO DEEPEN OR PLUG BACK	A OT A
DIFFERENT RESERVOIR. USE "APPLIC PROPOSALS.)	CATION FOR PERMIT" (FORM C-101) FOR SUCH	
1. Type of Well: Oil Well	Gas Well 🛛 Other SWD	8. Well Number 001
2. Name of Operator	ing II C	9. OGRID Number
XTO Permian Operat 3. Address of Operator	ing, LLC.	373075 10. Pool name or Wildcat
6401 Holiday Hill Rd,	Midland TX 79705	SWD;Devonian-Silurian
4. Well Location		OVVD,Devoman-onunan
Unit Letter O :	370 feet from the South li	ne and 1355 feet from the East line
Section 21	<u> </u>	30E NMPM County Eddy
	11. Elevation (Show whether DR, RKB, R	RT, GR, etc.)
	3253'	
12 Check A	Appropriate Box to Indicate Nature o	of Notice Report or Other Data
		•
NOTICE OF IN	I	SUBSEQUENT REPORT OF:
PERFORM REMEDIAL WORK ☒ TEMPORARILY ABANDON ☐		EDIAL WORK ☐ ALTERING CASING ☐ MENCE DRILLING OPNS.☐ P AND A ☐
PULL OR ALTER CASING		NG/CEMENT JOB
DOWNHOLE COMMINGLE	_	-
CLOSED-LOOP SYSTEM	□ OTHE	D
OTHER: 13. Describe proposed or comp		t details, and give pertinent dates, including estimated date
of starting any proposed wo	ork). SEE RULE 19.15.7.14 NMAC. For M	Aultiple Completions: Attach wellbore diagram of
proposed completion or rec	ompletion.	
•		of Intent to perform a workover on the above
mentioned well. Please	see attached Procedure, Propos	ed WBD, and current WBD.
Please note: Comment in	red on procedure "Current Packer b	oottom is set at 16,360' MD. NMOCD requirement
packer to be set within 10	0' of openhole which starts at 16,46	0' MD. If confirmed correct with CCL log, this will no
		ception is requested to set new packer as practical if
the existing packer is test	ed 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	y knowledge and belief.
1/	<u> </u>	
SIGNATURE Kruten H	ouston _{TITLE} Regulator	ry Analyst _{DATE} 6/11/2025
1		
Type or print name Kristen Hou For State Use Only	E-mail address: Krister	n.houston@exxonmobil.com PHONE: (432-894-1588
FOI DUIL OSE OMY		
	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

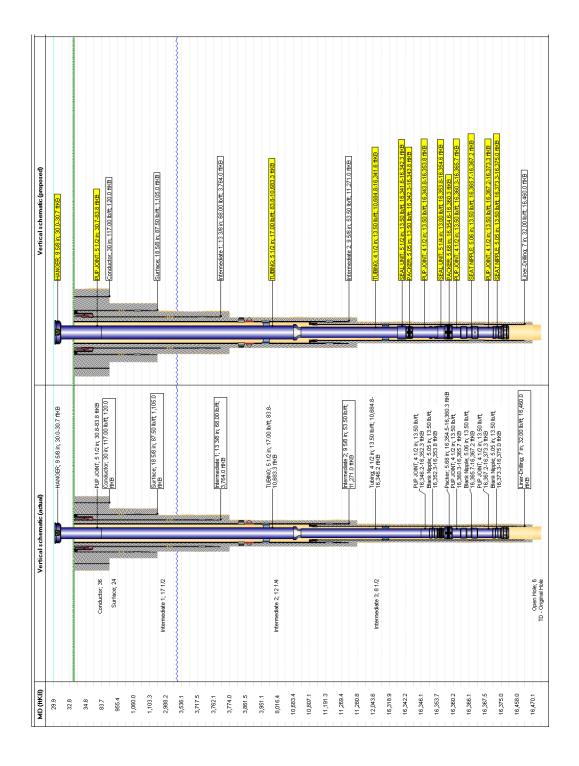
PROCEDURE:

- 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 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 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). 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 latchedon. 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

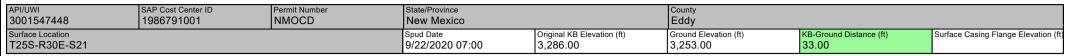
- 20. If new packer was run with bust dish, MIRU slickline (not braided line), Pressure test to 300/1500 psi for 15 minutes each. RIH with chisel and rupture disk
- 21. RDMO and turn over well to SWD Foreman (Frank Fuentes)
 - NOTE: Frank Fuentes will notify NMOCD of MIT at least 24 hrs before conducting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

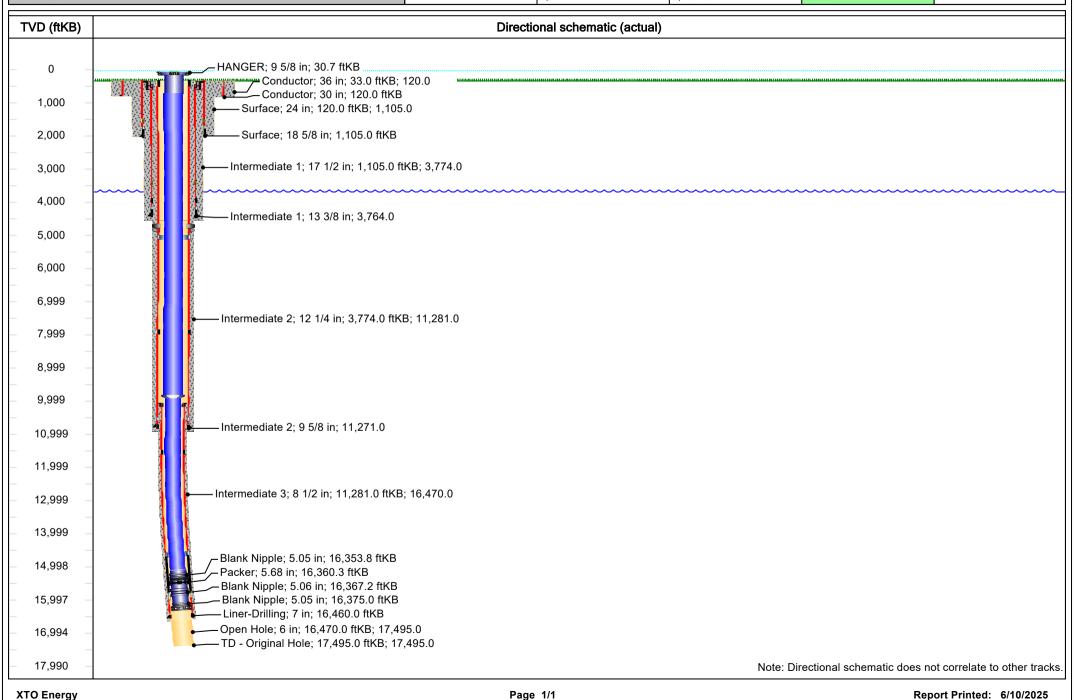


Received by 0 cb. 0/11/2020 10.32.10 /10/1

Schematic - Current Directional

Well Name: Poker Lake Unit 21 Lincoln Fee SWD 001







Tubing Details - With Schematic

Well Name: Poker Lake Unit 21 Lincoln Fee SWD 001

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

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

			Run Date/Time ma		Potash			
М	Vert	tical	Vertical		No			
D	scher		schematic	Zone				
,	(act		(proposed)	S	Pull Date			
<u>(</u>					Tubing Strings			
ŀ	T.	HANGER 9 5/8 in; 30.0-30.7 ftKB	HANGER; 9 5/8 in; 30.0-30.7 ftKB		Run Date			
1		1	30.0-30.7 IKB		6/10/2025 00:00 Wellbore	TH Elev		
.	"Con	T	11 N		Original Hole	I I I Elev		
	duc : tor;	H			Tubing Compo	nents		
1	36	PUP JOINT; 5 1/2 in; 30.8-83.8 fk(8)	PUP JOINT; 5 1/2 in; 30.7-83.8 ftKB Conductor; 30 in;		Item Des			
.	Surf	Conductor; 30 to; 117.00 lant; 120.0	Conductor; 30 in; 117.00 lb/ft; 120.0		HANGER PUP JOINT			
l	ace ; ; 24		ftKB		TUBING			
,	, 24	1			CROSS OVER			
					TUBING			
l	Inte :		Surface; 18 5/8 in;		SEAL UNIT			
	diat	Surface; 18 5/8 9; 87.50 (s/lt; 1,105.0	87.50 lb/ft; 1,105.0 ftKB		PACKER			
l	e 1;		IIINB		PUP JOINT			
"	17 17 1/2 1/2	~~~	· · · · · · · · · · · · · · · · · · ·		SEAL UNIT			
	1/2				PACKER			
l	-				PUP JOINT			
					SEAT NIPPLE			
		Intermediate 1; 13 38 in; 68.00 lb/ft;	Intermediate 1; 13 3/8 in; 68.00 lb/ft;		PUP JOINT			
l	Į.	532.04m	3,764.0 ftKB		SEAT NIPPLE			
l					CERAMIC DISC	SUB		
l								
Ì	Inte							
ļ	rme	TUBING; 5 1/2 in;	TUBING; 5 1/2 in; 17.00 lb/ft;					
l	diat e 2;	83.8-10,683.3 9908	83.8-10,683.3 ftKB					
l	12		····					
l	1/4							
١			Intermediate 2; 9 5/8 in; 53.50 lb/ft;					
ł			11,271.0 ftKB TUBING; 4 1/2 in;					
l	ì		13.50 lb/ft; 10,684.8-16,341.6					
Ì			SEAL UNIT; 5 1/2 in; 13.50 lb/ft;					
ļ		Intermediate 2; 9 58 in; 53.50 laft;	16,341.6-16,342.3 ftKB					
l	Inte 🖟	ŀ	PACKER; 5.05 in; 13.50 lb/ft;					
l	rme diat		16,342.3-16,343.8 PUP JOINT; 4 1/2					
ļ	e 3;	Tubing; 4 1/2 in; 13.50 lbsft; 10,684.8-16,346.2 8KB	in; 13.50 lb/ft; 16,343.8-16,353.8					
l	8		ftKB SEAL UNIT; 5 1/4					
l	1/2		in; 13.00 lb/ft; 16,353.8-16,354.6					
l			ftKB PACKER; 5.68 in;					
Ì		PUP JOINT: 4 1/2	16,354.6-16,360.3 ftKB					
			<mark>PUP JOINT; 4 1/2</mark>					
l		16,352.3-16,353.8 8KB	in; 13.50 lb/ft; 16,360.3-16,365.7					
0		Packer; 5.68 in; 16,354.5-16,360.3 8KB	fikB SEAT NIPPLE;					
	Ор	16,360.3-16,365.7 8KB	5.06 in; 13.50 lb/ft; 16,365.7-16,367.2 ftKB					
	en	Blank Nipple; 5.06 in; 13.50 bift;	PUP JOINT; 4 1/2					
	Hol -		in; 13.50 lb/ft; 16,367.2-16,373.3					
	e; 6	PUP JOINT; 4 12 in; 13.50 lb/lt; 16,367.2-16,373.3 lb(3) Blank Nipple; 5.05 in; 13.50 lb/lt; 16,373.3-16,375.0 lb(3)	SEAT NIPPLE;					
1	TD	Blank Nipple; 5.05 in; 13.50 luft; 16.373.3-16,375.0 6KB	SEAT NIPPLE; 5.05 in; 13.50 lb/ft; 16,373.3-16,375.0					
	- Ori	0	16,373.3-16,375.0 ftKB					
	gin		Liner-Drilling; 7 in;					
	al I	22 00 to ft; 16,460 0	32.00 lb/ft; 16,460.0 ftKB					
	ноі ј							
O.M.C.	1101							

Potash No											
Tubing String	(Enter t	the PULL	information	ONLY fo	r the St	rina beir	na Pulle	d)			
Pull Date								Pull Job			
Tubing Strings	S										
Run Date				Tubing Description				Set Depth (ftKB)			
6/10/2025 00:0 Wellbore	TH Elev	/ft\	Lateral Position	TUBING - INJECTION Run Job				16,377.1			
Original Hole	I I I Elev	(11)	Center			start>, T	UBING				
Tubing Compo	onents										
Item Des		Cond Ru	n OD (in)	ID (in)	Grade	Wt (lb/ft)	Jts	Len (ft)	Top (ftKB)	Btm (ftKB)	
HANGER			9 5/8					0.75	30.0	30.7	
PUP JOINT			5 1/2	4.892				53.06	30.7	83.8	
TUBING			5 1/2	4.892		17.00	269	10,599.49	83.8	10,683.3	
CROSS OVER	}		6 1/2	3.92				1.55	10,683.3	10,684.8	
TUBING			4 1/2	3.92		13.50	131	5,656.72	10,684.8	16,341.6	
SEAL UNIT			5 1/2			13.50		0.78	16,341.6	16,342.3	
PACKER			5.05	3.688		13.50		1.44	16,342.3	16,343.8	
PUP JOINT			4 1/2			13.50		10.00	16,343.8	16,353.8	
SEAL UNIT			5 1/4	3.88		13.00		0.78	16,353.8	16,354.6	
PACKER			5.68	4.0				5.75	16,354.6	16,360.3	
PUP JOINT			4 1/2	3.92		13.50		5.43	16,360.3	16,365.7	
SEAT NIPPLE			5.06	3.688		13.50		1.44	16,365.7	16,367.2	
PUP JOINT			4 1/2	3.92		13.50		6.13	16,367.2	16,373.3	
SEAT NIPPLE			5.05	3.688		13.50		1.68	16,373.3	16,375.0	

13.50

2.11

16,375.0

16,377.1

5.65

Page 1/1

Report Printed: 6/10/2025

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:	OGRID:
XTO PERMIAN OPERATING LLC.	373075
6401 HOLIDAY HILL ROAD	Action Number:
MIDLAND, TX 79707	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