

Well Name: POKER LAKE UNIT	Well Location: T24S / R31E / SEC 28 / SESW / 32.183766 / -103.785756	County or Parish/State: EDDY / NM
Well Number: 199	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0522A	Unit or CA Name:	Unit or CA Number: NMNM71016AL
US Well Number: 3001536506	Operator: XTO PERMIAN OPERATING LLC	

Accepted for record only BLM approval required NMOCD 8/29/24 KF

CBL on file

Marker in place 7/3/24

Subsequent Report

Sundry ID: 2800005

Type of Submission: Subsequent Report

Date Sundry Submitted: 07/11/2024

Date Operation Actually Began: 04/04/2024

Type of Action: Plug and Abandonment

Time Sundry Submitted: 07:36

Actual Procedure: XTO Permian Operating LLC., has P&A'd the above mentioned well per the attached P&A summary report, WBD and email correspondence. CBL is also submitted.

SR Attachments

Poker_Lake_Unit_199_PA_Summary_Rpt_WBD___Emails_20240711073407.pdf

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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: SHERRY MORROW

Signed on: JUL 11, 2024 07:35 AM

Name: XTO PERMIAN OPERATING LLC

Title: Regulatory Analyst

Street Address: 6401 HOLIDAY HILL ROAD BLDG 5

City: MIDLANDState: TX

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Field

Representative Name:

Street Address:

City:State:Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: JAMES A AMOS

BLM POC Title: Acting Assistant Field Manager

BLM POC Phone: 5752345927

BLM POC Email Address: jamos@blm.gov

Disposition: Accepted

Disposition Date: 07/11/2024

Signature: James A Amos

Poker Lake Unit 199
API Number 3001536506
P&A Summary Report

4/4/24: MIRU.

4/5/24: BD well. SD due to mechanical issues w/pump. SDFWE.

4/8/24: BD KW. BH 60 bbls 10# brine down tbg @ .25-.5 bpmw/2500 psi @ pump). SDFN.

4/9/24: Tested BOP. Draw down test on BOP. All worked as designed. BD SITP from 900 to 0 psi, SICP from 50 to 0 psi and SIICP2 from 90 to 0 psi. BH 50 bbls 10# brine down tbg @ .5 bpm. Well went on vacuum. ND tree. NU FT PT BOP. Drawn down test done. Test good. FT complete. Test good. PT down on pipe rams and blinds. Both tested to 4000 psi on high side and held for 10 minutes. Test good. Low test completed on low side. 300 psi on both. Test good, held for 10 minutes. RU work floor and tools (slips, tongs etc). Leveled out rig. Worked to come off of on/off tool. Put 10 points on it, turned to the left to torque. Worked tbg up and down a few times. No success. Pulled 20 pts over neutral and turned tbg to the left to torque and worked up and down a few times. No success. Decision made to cut tbg above the pkr. SDFN.

4/10/24: Function test BOP. Tested and function as designed. BH 48 bbls 10# brine down the backside @ .25 bpm (300 psi). BH 2 bbls 10# followed by 500 ga acid and flushed w/60 bbls 10# brine. Pumped @ .5-.75 bpm w/0 psi until 5 bbls of acid gone, then caught pressure to 2650 psi. Stayed steady until 40 bbls total fluid gone and it broke back to 1800 psi. Shutdown, closed in WH, bled offline pressure and then checked tbg pressure. (was on vacuum). Waited on WLU to show up. MIRU and PT Wireline to 3000 psi. RIH w/GR/JB and tag x nipple @ 14,586'. POOH. RD WL off of WH. SDFN.

4/11/24: Pump 60 bbls 10# brine down tbg. Caught pressure at 25 bbls pumped. Pumped @ 1 bpm. RU WLU. RIH and perf @ 14475'. POOH. RD WLU. Circulated 12 bbls FW, followed by 12 bbls FW /blue dye, 20 bbls FW. Followed it w 279 bbls 10# brine until dye and acid at pit. SDFN.

4/12/24: Circulate 60 bbls 10# brine down tbg and out backside. Good returns. SDFWE.

4/16/24: BD KW. BH 60 bbls 10# brine down tbg @ 1.5 bpm w/1000 psi. Went on vacuum. MIRU WLU. RIH and FP. Tbg was only 40% free @ 14,478 and 100% free @ 14,470'. POOH and RIH w/jet cutter and cut tbg @ 14,470'. Worked tbg to ensure that it was free. RDMO WLU. TOH std back and tally 442 jnts 2-3/8 L80 bare tbg. and LD 1 full jnt and partial. BH 60 bbls down csg. Went on vacuum. SDFN.

4/17/24: RIH w/ GRJB to 14,437'. POOH. PU 3.5" CIBP and set @ 14437' POOH RDMO WL. SDFN.

4/18/24: RIH and tag CIBP @ 14,466' Fill well and PT CIBP. 500 psi/ 30 mins. Displace well w/ SGM. Pump 30 sks Class H. 398' FOF Pumped 5.66 slurry mix. POOH 12 stands. Reverse circulate 60 bbls, 2 bpm @ 600 psi. POOH 18 stands. Reverse circ 50 bbls. Continue to POOH to 6624'. SDFN

4/19/24: POOH 443 jts. RIH w/ 3.60" GRJB to 13,880'. POOH. PU 4.50" GRJB to 11,992'. POOH. PU RCBL and RIH to 13,860' and log to surface. RDMO RES WL. SDFWE.

4/22/24: TIH 426 jnts 2-3/8 L80 4.7# tbg and a partial of jnt #427. TTOC @13,920'. MIRU WLU. Pump down tbg and PT to see if we have communication between the prod csg (5-1/2 & 4-1/2) and the intermediate (9-5/8). We left intermediate open and got circulation out. We then closed the intermediate and were able to pressure up. Csgs are communicated. Decision was made to release wireline and TOH tbg and TIH tbg w/pkr and try to find the leak. RDMO WLU. TOH std back 350 jnts 2-3/8 LDO tbg and LD 76 jnts. Total of 366 jnts in the derrick. SDFN.

4/23/24: TIH 130 jnts 2-3/8 L80 tbg w/5.5 AD1 pkr to 4230'. Hit a tight spot. TOH std back 130 jnts 2-3/8 L80 tbg w/5.5 AD1 pkr. LD pkr. Pumped 47 bbls 10# to load 5.5 csg. Open 9-5/8 and pumped 475 bbls 10# brine down csg up 9-5/8. Got returns @ 34 bbls gone. Never saw dye @ pit. SDFN.

4/24/24: TIH 184 jnt 2-3/8 L80 tbg w/pkr. Set pkr @ 6016'. Pumped down 5.5 csg and PT csg from 6016' to surface. PT good. 500 psi held for over 10 minutes. TIH 154 jnts 2-3/8 L80 tbg with pkr. Set pkr @ 11,018'. Pumped down 5.5 csg to PT csg. psi did not hold. Pumped down tbg through pkr to test below 500 psi. Held for 10 minutes. PT good. TOH std back 78 jnts 2-3/8 L80 tbg. Set pkr @ 8541'. Pumped down 5.5 csg to PT csg. psi did not hold. Pumped down tbg through pkr to test below 500 psi. Held for 10 minutes. PT good. TOH 12 jnts and pkr set itself. Worked tbg to try and release pkr. Could go down without issue, but would catch 5 10 and 15 pts after coming up 3-5'. BH 100 bbls 10# brine down tbg and up csg. Got returns @ 15 bbls pumped. Returns got dirty @ 30 bbls out and cleaned up at 80 bbls pumped. Pumped @ 3.5 bpm. Worked tbg to try and release pkr. Could go down without issue, but would catch 5 10 and 15 pts after coming up 3-5'. Decision made to get PS out and try to unset pkr. SDFN.

4/25/24: MIRU PS. Work pkr. Pulled 5 pts over neutral and made three turns to the right. Sat down to neutral and pulled up. Was not dragging. RD the PS and TOH. RD PS. TOH std back 236 jnts 2-3/8 L80 tbg. Did not have pkr on bottom. SDFN.

4/26/24: TIH 248 jnts of 2-3/8 L80 4.7# tbg and safety collar. Got onto pkr. Got onto pkr w/safety collar (turned left until we were tight) and pulled 40 pts (70 pts total) over string weight (35 pts) and sheared pkr. Attempted to pull up but were unable. We went down 6' and pulled up but gained weight immediately. Tried to go down 100' ut stacked out @ 30' and then were able to go down lower. TOH LD 248 jnts 2-3/8 L80 4.7# tbg. SD due to wind at 32+ mph. SDFWE.

4/29/24: TIH 120 jnts 2-3/8 L80 4.7# tbg. TOH LD 2-3/8 L80 4.7# tbg. Move off of pipe racks. Spot LD machine, pipe racks. Load WS and tally. Make up BHA. PU and start to TIH. SDFN.

4/30/24: Make up BHA (2-3/8 Safety Colla, 2-3/8 EUE to 2-7/8 PH-6 X-Over, 3-3/4 Accelerator Jar, 6 ea, 3-1/2 Drill Collars, 3-3/4 Oil Jar, 3-3/4 Bumper Sub, X-Over) Load tally PU and TIH 252 jnts 2-7/8 PH-6 tbg. worked to latch Safety Collar onto PKR pin. Pulled 10 pts over and ensured we were on the fish. Picked up 3 more jnts 2-7/8 PH-6 tbg. Worked on warming up jars. 15-20 pts over. Began jarring pulling 100 pts. total. Worked up and down to attempt to free fish. SDFN.

5/1/24: Worked tbg up and pulling 85 k to heat up jars and straight pulled up to 110k. Pulled pkr free and worked tbg. LD 1 jnt 2-7/8 L80 7.9 tbg. Worked tbg. Gained footage and LD 2nd jnt. Worked tbg and LD 3rd jnt. Continued to jnt 7. We got hung up @ 7 (~7971). Worked jnt 7 and lost weight. LD jnt 7 and 8. TOH std back 246 jnts 2-79 PH-6 7.9# tbg. LD BS, std back 6 DC's, LD jars, accelerator and XO. Had part of pkr on bottom. SDFN.

5/2/24: MIRU WLU. RIH w/4.51 rare earth magnet. Tag @ 8012'. Pulled up and sat back down 4 more times. POOH. Got to surface w/1 pkr slip on magnet. RIH w/magnet and tagged at the same spot (8012'). Pulled up 10' and tried to sit back down but were not able to go down more than a few inches. POOH. Had another pkr slip at surface. Slip was hung inside hole in center of magnet, and I believe that would not allow the slip to move thus not allowing us to go back down. RIH w/ magnet tagged @ 8012. Came up and sat back down @ 8012' four more times. POOH. Got to surface w/1 and a half slips. RIH w/magnet. Tagged @ 8012', pulled up and sat back down 4 times. POOH. Got to surface w/slip retaining ring. RIH w/magnet. Tagged @ 8012'. Pulled up and sat back down 4 times. POOH. Got surface with empty magnet. Secured well. RDMO WLU. SDFN.

5/3/24: MIRU WLU. RIH w/4.5 Impression block and tagged @ 4458'. POOH. Impression block had no markings on bottom, but a slight scuff on the outer portion. RIH w/3.5" impression block and tagged @ 8028' (WL footage). POOH. Impression block showed slight impression on the bottom

edge. Believe to be impression of pkr slip. RIH w/3.5 magnet and tagged @ 8028'. Sat on it five times and POOH. Brought back broken pieces of a slip or slips. RIH w/3.5 impression block and tagged @ 8028' PU and sat back down 10' lower. POOH. Magnet had very tiny metal pieces. RIH 3.5 magnet and tagged @ 8040'. Sat on it five times and POOH. Magnet had broken pieces of a slip. RIH 3.5 magnet and tagged @ 4440' and sat down 5 times. POOH. RDMO WLU. SDFWE.

5/6/24: MIRU reverse unit and pit. Make up BHA (4.5 butterfly mill, 2-3/8 reg to 2-3/8 IF bit sub, 2ea 3.5 DC's, 3.75 bumper sub, 3.75 jars, 4 ea 3.5 DC's, 3.75 energizer, 2-3/8 IF to 2-7/8 PH-6 XO) TIH 256 jnts 2-7/8 PH-6 7.9# tbg. SD due to wind. Depth @ 7884'. SDFN.

5/7/24: PU TIH 4 jnt 2-7/8 PH-6 tbg. Tagged w/15' of jnt #4. (7993'). LD 1 jnt. Adjust brakes on rig and tie back. RU 10kx5k spool for rubber. Change out elevators. PU and RU PS. Raise work floor. SD due to wind.

5/8/24: Made 1 connection and tagged TOF. Began to feather mill over TOF. Fell through after 20 minutes ((300 ft/lbs of torque, no weight). Worked jnt up and down pulled 3 pts over the first time, so we worked it up and down 5 more times and did not pull any weight after the first time. We were circulating down tbg up csg while milling. 2 bp. @ 500 psi. Lost no water. Circulated bottoms up, down tbg up csg. 110 bbls 10# brine @ 3 bpm. Made connections w/swivel to make sure we didn't tag before rd Swivel. Never tagged. RD PS spool and stripper head. Lowered work floor and RU tongs. Racked, tallied PU and TIH 127 jnts 2-7/8 PH-6 7.9# tbg. Total in hole 377 jnts, depth 11974'. Secured well. Verified well secured. SDFN.

5/9/24: RU spool and BIW head. RU PS and PU 1 jnt 2-7/8 PH-6 7.9# tbg. Tagged TOF @ 11973'. PU and opened BS. Sat over and milled. RPM on PS 44-108. 100-300 ftlbs torque on swivel. After an hour of float milling we began to get a little bit of rubber back to pit. Circulating down tbg up csg @ 2 bpm. Circulated bottoms up down tbg up csg. 196 bbls @ 2-3 bpm. SDFN.

5/10/24: Sat down on TOF. Pulled to open BS. Went down 500 to 1500 lbs and began to mill. (48-108 rpms on swivel, 600-800 ftlbs torque on swivel. Circulating 10# brine down tbg and up csg @ 2-2.5 bpm) Got back very little rubber pieces after a couple hours, but stopped getting after a few minutes. Kept milling over TOF. Attempted to dry mill for 30 minutes w/no success getting anything to pit. Began to set weight on TOF from 3 to 10 pts. Found limited success (PS started to bounce and get some torque @ 6.5 to 7.5 pts). Kept changing weight to try and make a path on fish. Beat down lightly on TOF to attempt to find a path w/limited success. Worked weight from 6-7.5 pts while intermittently hitting TOF. SD ops Secured well. Verified well secure. SDFWE.

5/13/24: LD 2 jts. RD spool and rubber. TOH std back 376 jnts 2-7/8 PH-6 7.9# tbg. LD accelerator, std back 4 DC's, LD jars and bumper sub, std back 2 DC's. SDFN.

5/14/24: MIRU WLU. RIH w/4.51 rare earth magnet. When we got to 9000' we noticed a broken strand on the braided line. SD and POOH. RIH w/4.51 rare earth magnet. Tagged @ 11980'. Pulled up and sat back down five times. POOH. SDFN.

5/15/24: RIH w/3.54 rare earth magnet. Tagged @ 1198'. PU and sat down 5 times. POOH. Got back a lot of metal shavings. RIH w/same magnet. Tagged and sat on it 5 times. POOH. Got back metal shavings. RIH a total of 5 times with magnet and got same results, metal shavings. On the sixth run we RIH w/4.51 Impression Block. Tagged hard and POOH. SDFN.

5/16/24: RDMO WLU. Made up BHA (spear, 4.5 ring stop, XO, 3.75 BS, 3.75 Jar, 6 ea 3.5 DC's, XO) and 362 jnt 2-7/8 PH-6 7.9# tbg (11565'). Secured well and SD due to high winds.

5/17/24: TIH 14 jnts 2-7/8 PH-6 7.9# tbg. PU and TIH 2 jnts. Tagged @ 11974'. PU and sat back down 4 times. Tagged at same spot. Put 6 pts and pushed through 4'. TOH std back 376 jnts, 6 DC's, LD jars, BS and spear. We had no fish. SDFWE.

5/20/24: Made up BHA (2.430' grapple w/spear, stop sub, BS, jars, 6 ea DC's, X-over). TIH 377 jnts 2-7/8 PH-6 7.9# tbg to 11,974'. PU pup jnt TIW valve and pump in swage. Circulated 15 bbls 10# brine @ 1 bpm w/900 psi and we attempted to spear into fish. Attempted twice w/no sucess. Speared in on the third attempt. Put 6 pts and fell through 4'. PU 3 more times and went down through fish putting 6 pts to ensure we were in. PU opened BS and hit fish w/2pts to verify we were all the way in. TOH std back. 156 jnts 2-7/8 PH-6 7.9# tbg. SDFN.

5/21/24: TOH jnts 2-7/8 PH-6 7.9# tbg w/fish. LD BHA. TIH 180 jnts 2-7/8 PH-6 WS. RD PS stiff arm, kelly hose and static line. RD rev pump and pit. TOH LD 180 jnts 2-7/8 PH-6 tbg. Put on pipe bolsters. SDFN.

5/22/24: TIH 198 jnts 2-7/8 PH-6 7.9# tbg. TOH LD 2-7/8 PH-6 tbg. Took off pipe racks and set in bolsters. Released work string and bolsters. Put prod tbg on pipe racks and tallied. PU pkr and TIH to 66' and tagged solid. Attempted to work through spot. TOH to check packer. LD pkr. TIH 10 jnts 2-3/8 L80 tbg. to circulate trash off top of FL. Circulated 40 bbls 10# brine down tbg up csg to try and flush trash out. Got dirty brackish water w/pieces of metal shavings and rubber out. SDFN.

5/23/24: PU BHA (xover, BS, Xover, 4.4 String mill) TIH 100 jnts 2-3/8 L80 tbg to 3260'. Worked tbg up and down as we TIH. TOH std back 100 jnts 2-3/8 L80 tbg. LD BHA. PU pkr (5.5 x 2-3/8 20-23# HD Compression Packer. 4.5 OD, 1.950 ID, 5.85' length). TIH 100 jnts 2-3/8 L80 tbg from derrick, racked and tallied 268 jnts. PU and TIH. Tagged @ 11994'. Set pkr @ 11,992. RU pump to tbg. Pumped down tbg to PT below pkr. From 11992' to 13,920. PT 500 psi for 30 minutes. PT good. Released Pressure. Secured well. SDFN.

5/24/24: MIRU WLU. Waited on orders from BLM. The plans were to perf @ 13000' and BLM changed the plan to spot CMT instead of squeezing. RDMO WLU. Unset pkr, TOH and std back 328 jnts 2-3/8 L80. Pkr and 38 jnts still in the hole. SDFHWE.

5/28/24: TOH std back 38 jnts 2-3/8 L80 tbg. LD pkr. Change out tongs. TIH 421 jnts 2-3/8 L80 tbg plus a 4' sub. EOT @ 13728". Tub outlet valve on CMT pump would not open. Removed actuator on valve and opened manually so that we could pump CMT plug. Broke circulation w/10 bbls 10# brine, swapped to CMT pumped 207 sks Class H CMT (FOF 1738' in 4.5 csg and 692' in 5.5 csg, CTOC @ 11,300', slurry vol 39.07 bbls, 130 sks in 4.5 and 77 sks in 5.5, 25.5 bbls FW mix). Displaced w/53.75 bbls 10# brine. TOH 76 jnts attempted to reverse circulate. Caught pressure after 25 bbls gone. TOH 116 jnts (EOT @ 6259'). SDFN.

5/29/24: TOH std back 186 jnt 2-3/8 L80 tbg. LD 43 jnts 2-3/8 L80 tbg (all had cmt in them except for the last jnt. load tbg on pipe racks and tally 23 jnts 2-3/8 L80 tbg. TIH 359 jnts plus ~28' from jnt 360 and TTOC @ 11,732'. PU 1'. Broke circulation w/45 bbls 10# brine to condition well. Swapped to CMT spotted 50 sks Class H CMT (FOF 432, FW mix 6 bbls, Slurry vol 9.43 bbls, CTOC 11,300'). Displaced w/ 44 bbls 10# brine. TOH std back 80 jnts 2-3/8 L80. Reverse circulated 50 bbls 10# brine. Got grayish water to pit then it cleared up. SDFN.

5/30/24: TIH 58 jnts 2-3/8 L80 tbg and 10' (total in hole 346 jnts and 10') TTOC @ 11,290'. TOH std back 278 jnts 2-3/8 L80 tbg and LD 68 jnts. Make up pkr. TIH 2076 jnts 2-3/8 L80 tbg and set pkr @ 9003'. Tested below pkr to 100 psi. Test good. Tested above pkr, did not hold. TOH 14 jnts and set pkr @ 8547'. PT good below. PT no good above. TOH 16 jnts and set pkr @ 8025'. PT good below pkr. Did not hold psi above. TOH 16 jnts and set pkr @ 7503'. PT good above pkr. Did not hold psi below. TIH 2 jnts and set pkr @ 7568'. PT above good. Did not hold psi below pkr. TIH 2 jnts and set pkr @ 7633'. PT good above pkr. Did not hold psi below pkr. TIH 2 jnts and set pkr @ 7698'. PT above pkr no good. PT below pkr no good. TIH 2 jnt and set pkr @ 7764'. PT below pkr good. Did not hold psi above pkr. TOH LD 1 jnt and set pkr @ 7732'. PT below pkr good. Did not hold psi above. All PT tested to 1000 psi. Good tests held for 10 minutes. Secured well. SDFN.

5/31/24: MIRU WLU. RIH and perf @ 10,050' w/300 psi on csg. POOH. RD WLU. Unset pkr. PU 1 jnt 2-3/8 L80 tbg and TIH w/52 jnts from derrick. (290 jnts in the hole). Set pkr @ 9,460'. Establish injection rate. 1.5 bpm @ 1200 psi. Broke circulation w/48 bbls 10# brine. Swapped to CMT sqz 75 sks Class H CMT (FOF 500', Slurry vol 14.15, FW mix 9.25 bbls, CTOC 9850') Displaced w/43.75 bbls 10# brine. SDFN.

6/1/24: Unset pkr and PU. Unable to Re-set pkr. Work pkr unsuccessful. TOH to inspect pkr. TIH w/ pkr to tag TOC. Tag TOC @ 9,762' PU stand back 60 jts, set pkr @ 7,829' 240 jts in hole. SDFN.

6/2/24: Shot 4 holes @ 8236 .84 grams per shot 11.9 penetration .24 holes casing collars @ 8207 & 8250 spoke with superintendent before shooting holes. RDMO wireline. Circulated 40 BBL of BW injection rate 1000 PSI @ 1.5 BPM. Went over numbers with superintendent and BLM. 61 sacks 11.52 slurry 182' up 9-5/8 187' in 5.5 Shut in pressure 400psi after pumping cement. Secured well using pipe rams. SWION.

6/3/24: RIH w/PT tagged cement @ 7987' 245 JNTS POOH. Laid down 74 JNTS. Set packer @ 5540' 170 JNTS. Spoke with superintendent about next squeeze; Plans changed, going to squeeze the holes in the casing from 7633-7732'. RIH w/ 54 JNTS set packer @ 6308' 224 JNTS squeezed 100 sacks of class H cement. CTOC @ 7433' 300' in 5-1/2 casing & 9-5/8 casing while displacing cement pressure dropped from 2500 psi to 900 psi @ 21 BBLs; Spoke with superintendent about the drop; Planned wait on cement. Unset packer POOH laying down 54 JNTS; set packer @ 5548' 170 JNTS #11 on procedure. Secure well using the pipe rams, SWION.

6/4/24: Tested cement plug @ 7433' to 500 PSI for 10 minutes (no leaks were present). HSM on surface detonation; MIRU WL. RIH with wireline; We have a collar at 6000'; called superintendent; Put 300 psi on tubing and opened up the 9-5/8; Shot holes @ 6008'; POOH with wireline circulated 40 BBL of BW down the tubing and out the 9-5/8" casing. Injection rate 2 BPM @ 500 PSI. Went thru cementing procedure with superintendent and engineering. Squeeze is 44 sks 10.34 slurry Perfs @ 6008'. Puts 165' of cement in the 5.5 and the 9-5/8". Displace with 27.5 BBL pumping class C Cement. Last ¼ bbl shut the 9-5/8" and left 500 psi on tubing; WOC. RIH to tag cement; Tagged @ 5,797' 178 JNTS. POOH standing back 63 stands laying down 50 jnts; secure well using the blind rams; SWION.

6/5/24: Pump 40 BBLs 10# BW to load 13-3/8 RU WL and RIH to perf. Perf @ 4,395 ft. Pumped 40BBLs of 10#BW through 5.5 csg. Got returns through 9-5/8 and 13-3/8 seen fluid @ 38bbls gone. RIH w/ 61 stands set packer @ 3,985' 122 JNTS circulated 40 BBL of BW down the tubing and out the 9-5/8" & 13-3/8 casing Injection rate 2 BPM. Squeeze is 155 sks 14.8 slurry Perfs @ 4,395' Puts 200' of cement in the 5.5 and 295' 9-5/8" and 13-3/8 Displace with 20 BBL BW. Secure well and SWION.

6/6/24: RIH to tag cement; Tagged @ 4,325' 133 JNTS PT 5-1/2 casing 400 psi. POOH standing back 66 stands laying down 1 jnt; pump BW 13-3/8 and 9-5/8 20bbls in each RU WL and RIH to perf. Perf @ 4,325 ft. RIH w/ 61 stands set packer @ 3,985' 122 JNTS circulated 20 BBL of BW down the tubing and out the 9-5/8" & 13-3/8 casing. Injection rate 2 BPM. Squeeze is 155 sks 14.8 ppg slurry. Perfs @ 4,313' Puts 118' of cement in the 5.5 and 386' 9-5/8" and 13-3/8 Displace with 20 BBL BW. Secure well and SWION.

6/7/24: RIH to tag cement; Tagged @ 4,263' 131 JNTS PT 5-1/2 casing 400 psi. POOH standing back 66 stands. RU WL and RIH to perf. Perf @ 4,260 ft. POOH. Try to get injection rate on 5-1/2. unable to pressure up to 1,000 psi and held. Bleed pressure off. WL and RIH to perf. Perf @ 4,050 ft. POOH RIH w/ 56 stands set packer @ 3,658' 112 JNTS pumped 300 sks 14.8 ppg slurry. Perfs @ 4,050' Puts 144' of cement in the 5.5 and 666' 9-5/8" and 13-3/8 Displace with 19.5 BBL BW. Secure well and SWIOWE.

6/10/24: Unset pkr. TIH 12 jnts (total in hole 124 jnts) and 15' of 125. TTOC @ 4065'. TOH std back 2 jnts. Pumped 20 bbls down 13-3/8. No pressure. Pumped 20 bbls down 9-5/8 got returns out the prod csg. Shut everything in and out gauge on the 13-3/8 and pumped down 9-5/8. Caught pressure on the 9-5/8 but no pressure on the 13-3/8. Put a gauge on the 9-5/8 and pumped down the 13-3/8 and got a hundred pounds. No pressure change on the 9-5/8. SDFN.

6/11/24: TOH std back 18 jnts 2-3/8 L80 tbg. Added 6' sub and set pkr @ 3468'. Attempted EIR. Pumped 6 bbls FW down tbg w/9-5/8 and 13-3/8 open. Got returns on 9-5/8 but not the 13-3/8. Shut 9-5/8 and got 500 psi. Attempted once again and got 1000 psi. Bled off pressure. Put 500 psi on tbg and backside. Put down 13-3/8 (2 bbls and caught 1000 psi and held. No psi change on tbg or backside. Bled off psi. Unset pkr and TOH std back 12 jnts 2-3/8 tbg. SD due to flying ants swarming DH.

6/12/24: TOH std back w/ 94 jnts 2 3/8 L80 tbg. LD pkr. MIRU WLU. RIH w/ WL TTOC @ 4048'. PU to 4045'. Put 500 psi on 5 1/2 & 9 5/8 csg. perfed & got no change on 13 3/8 csg. POOH. Attempted to EIR. Unsuccessful. Caught 500 psi immediately. Brought psi up to 1000 and still unable to EIR. Pumped down the 13-3/8 csg. Caught 400 psi after 2 bbls (FW) gone. Brought psi up to 1000 psi and held. PSI did not drop off. Put 500 psi on the 5.5 and 9-5/8 csgs. Slowly lost psi. 13-3/8 psi held the entire time. Bled off psi. RDMO WLU. SDFN.

6/13/24: Loaded 13 3/8 w/ 1 bbl 10# brine. conducted bubble test. was bubbling immediately. RIH w/100 jts 2 3/8 L80 tbg from derrick added 6' sub & set pkr @ 3274'. put 250 psi on 5 1/2. pumped down tbg got circ @ pit after 2 bbls pumped. swapped to blue dye water & circ down tbg out the 5/12 up the 9 5/8 to the pit. circ 188 bbls 10# brine @ 1.5 bpm before we saw blue dye @ pit. Broke circ w/ 9 bbls 10# brine. swapped to cmt. sqz 133 ksk class C cmt. (20 bbls FW mix, slurry vol 31.25 bbls, CTOC @ 3545') disp w/18.25 bbls 10# brine. Unset pkr, LD 6' sub & TOH std back 100 jts 2-3/8 L80 tbg. SDFN.

6/14/24: RU WLU. RIH TTOC @ 3300'. Pulled up and Perf @ 3275'. POOH. RDMO WLU. Made up pkr and TIH w/ 86 jts 2 3/8 L80 tbg plus a 6' sub & set pkr @ 2687'. Broke circ w/ 12bbls 10# brine. Swapped to CMT and sqz 154 sks Class C CMT (23 bls FW mix, 36.2 bbls slurry mix, CTOC 2975'). Displaced w/16.5 bbls 10# BW. Secured well. Verified well secure. SDFN.

6/15/24: LD 81 jts 2 3/8 tbg L80. Pkr was dragging had to pull out slowly. RU WL. RIH TTOC @ 2955'. Move up to 1008' and perf. POOH WL. RDMO WL. MU pkr. TIH 18 jts 2/38 L80 tbg attempt to set pkr w/o success, move deeper, moved up different depths to attempt to set pkr w/o success. TOOH LD 18 2 3/8 L80 tbg. LD pkr. MU 81 pkr & TIH 18 jts 2 3/8 L80 plus 6' jnt & set pkr @ 599'. Tested pkr to ensure it held. Test good. EIR w/ 13 bbls 10# @ 1.5 bpm 100 psi. broke circ w/5bbls 10# brine. Swapped to CMT & sqz 58 sxs class C CMT (FWM 8.75, slurry vol 13.63 bl, CTOC 898'). Disp w/8.75bbls 10# brine. Ensure 200 psi on backside, 300 psi on 8 5/8 csg & 300 psi on 11 3/8 csg. secured well. SDFN.

6/16/24: TIH 7 jnts 2-3/8 L80 tbg and TTOC @ 842'. (Total jnts in hole to tag 25) TOH LD 25 jnts and pkr. RU WLU. RIH w/WLU and perf @ 100'. Got communication between 5.5, 9-5/8 and 13-3/8. RDMO WLU. TIH 2 jnts 2-3/8 L80 to establish injection rate. EIR w/10 bbls 10# brine @ 1.5 bpm and 150 psi. TIH 12 jnts 2-3/8 L80. TOH 14 jnts 2-3/8 L80 tbg. RD work floor, ND BOP and accumulator. Break circulation w/5 bbls 10# brine. Swapped to CMT and sqz CMT (78 sks Class C, FW mix 12 bbls, Slurry volume 18.3 bbls) to surface out the 13-3/8 (shut in), then out the 9-5/8 (shut in). Put 300 psi all the way around. RD PU.

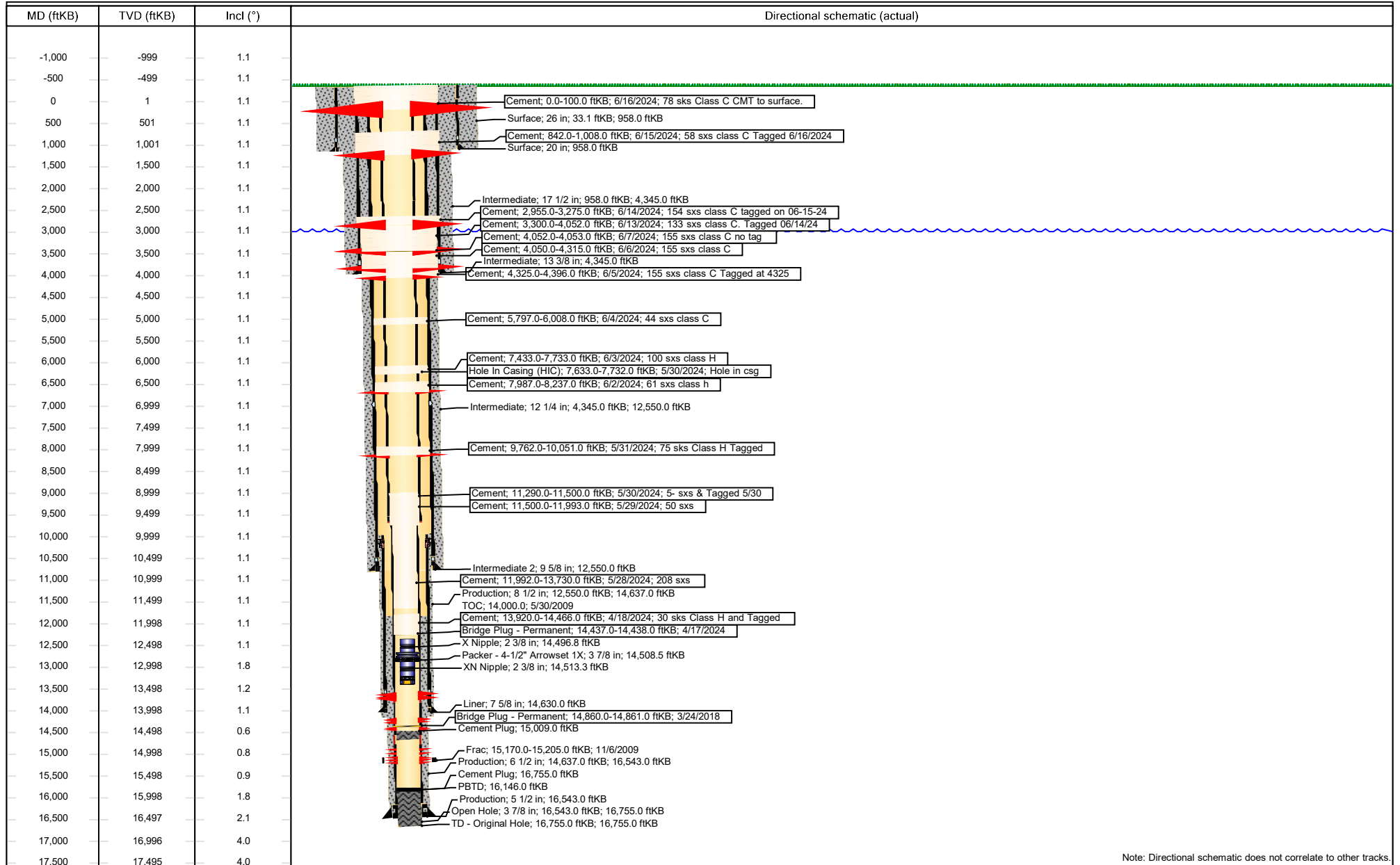
7/3/24: Cut off WH & install DHM.



Schematic - Current Directional with Perfs

Well Name: Poker Lake Unit 199

API/UWI 3001536506	SAP Cost Center ID 1138791001	Permit Number	State/Province New Mexico	County Eddy
Surface Location T24S-R31E-S28	Spud Date 1/8/2009 07:30	Original KB Elevation (ft) 3,492.70	Ground Elevation (ft) 3,459.50	KB-Ground Distance (ft) 33.20
Surface Casing Flange Elevatio...				



Note: Directional schematic does not correlate to other tracks.

Morrow, Sherry /C

From: Staub, Peter G
Sent: Friday, May 24, 2024 10:21 AM
To: Vo, Long T
Cc: Midland Regulatory /SM; Houston, Kristen /C; Morrow, Sherry /C; Martinez Bejarano, Cesar A
Subject: RE: [EXTERNAL] PLU 199 P&A

Thank you!

Thanks,

Peter Staub
Wellwork Engineer
XTO Energy, Delaware New Mexico
432-967-8237

From: Vo, Long T <lvo@blm.gov>
Sent: Friday, May 24, 2024 9:38 AM
To: Staub, Peter G <peter.g.staub@exxonmobil.com>
Cc: Midland Regulatory /SM <Midland.Regulatory@exxonmobil.com>; Houston, Kristen /C <kristen.houston@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>; Martinez Bejarano, Cesar A <cesar.a.bejarano@exxonmobil.com>
Subject: Re: [EXTERNAL] PLU 199 P&A

External Email - Think Before You Click

Good Morning Peter,

I've reviewed the attached CBL, it looks like there's solid cement below the liner top. There are strings of cement from the top of liner to around 10,400 feet with amplitude of around 30 or less mV.

You can spot cement from 13728' to 11354' instead of perforate and squeeze.

Regards,

Long Vo, EIT, M.Sc. (Smart Oilfield Technologies)

Petroleum Engineer SME
Carlsbad Field Office
Land and Minerals
Bureau of Land Management
Department of Interior
575-988-5402 Cell

From: Staub, Peter G <peter.g.staub@exxonmobil.com>
Sent: Friday, May 24, 2024 9:20 AM
To: Vo, Long T <lvo@blm.gov>
Cc: Midland Regulatory /SM <Midland.Regulatory@exxonmobil.com>; Houston, Kristen /C <kristen.houston@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>; Martinez Bejarano, Cesar A <cesar.a.bejarano@exxonmobil.com>
Subject: RE: [EXTERNAL] PLU 199 P&A

Long,

We got the fish out and are looking to squeeze the Atoka but the CBL is not looking good. If we cannot establish injection/circulation at 13,700' I propose we spot cement from 13,750' to 11,300' then proceed with the procedure as planned.

Thanks,

Peter Staub
Wellwork Engineer
XTO Energy, Delaware New Mexico
432-967-8237

From: Vo, Long T <lvo@blm.gov>
Sent: Monday, May 20, 2024 3:40 PM
To: Staub, Peter G <peter.g.staub@exxonmobil.com>
Cc: Midland Regulatory /SM <Midland.Regulatory@exxonmobil.com>; Houston, Kristen /C <kristen.houston@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>; Martinez Bejarano, Cesar A <cesar.a.bejarano@exxonmobil.com>
Subject: Re: [EXTERNAL] PLU 199 P&A

Peter,

You have verbal approval to proceed with the attempt perforation and squeeze. I think the TOC behind the 9 5/8" was 4139' from the completion report. Could you run a CBL to confirm?

Since the attempt to fish was unsuccessful, the variance is granted to not isolate the Strawn and Atoka formation. Previous requirement before Jan 2024 did not require the isolation of the Strawn from the Atoka or the Strawn from the Wolf camp formation.

Regards,

Long Vo, EIT, M.Sc. (Smart Oilfield Technologies)

Petroleum Engineer SME
Carlsbad Field Office
Land and Minerals
Bureau of Land Management
Department of Interior
575-988-5402 Cell

From: Staub, Peter G <peter.g.staub@exxonmobil.com>
Sent: Monday, May 20, 2024 9:16 AM
To: Vo, Long T <lvo@blm.gov>
Cc: Midland Regulatory /SM <Midland.Regulatory@exxonmobil.com>; Houston, Kristen /C <kristen.houston@exxonmobil.com>; Morrow, Sherry /C <sherry.morrow@exxonmobil.com>; Martinez Bejarano, Cesar A <cesar.a.bejarano@exxonmobil.com>
Subject: [EXTERNAL] PLU 199 P&A

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Long,

As discussed on the phone last week we are stuck at an impasse on the PLU 199. We successfully set the CIBP spotted 30 sx of cement at 14,438', tagged at 13,920' on 4/18/24. We were then trying to isolate a leak in the casing (believed to be around 7,000') and the packer set itself. It could not be unset and had to be sheared. Then with no success fishing it we had to mill it out. The top cone, rubber, and bottom cone fell to the liner top at 11,990'. We have spent the last 18 days milling, running magnets, running impression blocks, attempting to fish with a spear with no success.

We would like to P&A the well from 11,980'. We propose to perf at this point and squeeze 100 sx class H cement to 11,700'. WOC and tag. We will then isolate our casing leak above this point and proceed with the procedure from step 8.

Let me know if you would like to discuss on the phone.

Thanks,

Peter Staub
Wellwork Engineer
XTO Energy, Delaware New Mexico
432-967-8237

District I
1625 N. French Dr., Hobbs, NM 88240
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811 S. First St., Artesia, NM 88210
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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 364053

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 364053
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
kfortner	Accepted for record only BLM approval required NMOCD 8/29/24 KF CBL on file Marker in place 7/3/24	8/29/2024