U.S. Department of the Interior
BUREAU OF LAND MANAGEMENT

Sundry Print Report

12/08/2023

Well Name: NASH UNIT	**Well Location:** T23S / R30E / SEC 18 / SENW /	**County or Parish/State:** EDDY / NM
Well Number: 2	**Type of Well:** CONVENTIONAL GAS WELL	**Allottee or Tribe Name:**
Lease Number: NMNM0556857	**Unit or CA Name:** NASH DRAW-ATOKA	**Unit or CA Number:** NMNM70992A
US Well Number: 3001521672	**Well Status:** Abandoned	**Operator:** XTO ENERGY INCORPORATED

Accepted for record –NMOCD gc2/23/2024

Subsequent Report

Sundry ID: 2760737

Type of Submission: Subsequent Report

Type of Action: Plug and Abandonment

Date Sundry Submitted: 11/09/2023

Time Sundry Submitted: 09:39

Date Operation Actually Began: 06/16/2023

Actual Procedure: XTO Permian Operating, LLC. respectfully requests approval for this subsequent P&A on the above mentioned well. Please find attached P&A Summary Report, as well as Current P&A WBD.

SR Attachments

Actual Procedure

NASH_UNIT_002H_P_A_Summary_Report__Current_P_A_WBD_20231109093832.pdf

Well Name: NASH UNIT

Well Location: T23S / R30E / SEC 18 / SENW /

County or Parish/State: EDDY / NM

Well Number: 2

Type of Well: CONVENTIONAL GAS WELL

Allottee or Tribe Name:

Lease Number: NMNM0556857

Unit or CA Name: NASH DRAW-ATOKA

Unit or CA Number: NMNM70992A

US Well Number: 3001521672

Well Status: Abandoned

Operator: XTO ENERGY INCORPORATED

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 09, 2023 09:38 AM

Name: XTO ENERGY INCORPORATED

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: 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: 12/01/2023

Signature: James A Amos

Nash Unit 002

30-015-21672

P&A Summary Report

6/16/2023-6/19/23: MIRU pulling unit, bled down SICP & SITP.

6/20/23: Bled dwn tbg/csg pressures. pumped 46bbls 9.9 KWF down. Pumped 11bbls 9.9 KWF down backside with no success in killing backside.

6/21/23: Bled down tbg (2600psi) bled down1500psi prod csg pumped dwn tbg capacity (45bbls 10.3# KWF), wait 30min, looked good. ND PT, 2-3/8" tbg was attached to wrap around and no hanger. Try to unset packer with no success.

6/22/23: Bled down tbg (2950psi) bled prod. csg down to zero. MIRU WL. while rigging up WL RIH w/GR. tagged TOP @ 12530'. RIH & set perfs @ 12518'. RDMO WL. try to unset packer. with no success.

6/23/23: RU power swivel. no luck releasing packer. pumped 220bbl 10.3KWF down backside trying to circulate thru perfs on 2-3/8"tbg.to wash out to packer. Worked it all day, SWI SDFW

6/26/23-6/28/23: MIRU WL RIH to free point. (12,001' = 0% free. 11,488' + 0% free. 10,988'+ 30% free. 10,918'=75% free. 10,886' = 100% free.) RD. Build cutter and RU to wellhead. RIH w/jet cutter. Got hung up @1200' and then again @ 3300'. POOH. RD WL and strip cutters down.

6/29/23: RU WL. RIH GR and tagged @ 12,531'. RD GR and RU jet cutter. RIH tagged @ 12,531'. Made first cut @12,520'. POOH. jet cutter. RIH and made second cut at 11,745 due to collar @ 11,750'. POOH. RD WL. MIRU LD unit.

6/30/23: RU WL RIH w/Jet cutter and cut @10,968' due to collar @ 10,974. POOH. RDMO WLU. MIRU Power swivel. Work stuck pipe Believe we may be stuck @ the wrap around at spool.

7/5/23: Remove wrap around hanger. TOH LD and tally tbg. (230 jnts 2-3/8 tbg. Approx 142 jnts still left from last cut).

7/6/23: TOH LD tbg (357 jnts and 1 piece. Total feet 10,871'.) MIRU reverse Unit. Assemble BHA to fish.

7/7/23-7/20/23: PU and TIH WS. Tagged top of liner @ 10,692'. TOH with tbg, BHA and fish. Overshot @ 10,491 (~200' out of liner. ~24 of production tbg below fish.) Cont fishing. Washed over fish 15'. Worked tbg over fish. Continued fishing. TIH Tagged top of fish @ 10,900'). Dressed top of fish. Latched onto fish. Hit it twice with

bump sub. Fish came up dragging. Decided to TIH and ensure we were latched onto fish. Worked fish. TOH 285 jnts 2-7/8 PH-6., 59 jnts 2-3/8 PH- and BHA. plus, fish.

7/21/23: Make up wash over BHA and TIH wash pipe to @ 6300'.

7/24/23 Wash pipe Total depth @ 10,917'). MIRU PS. made 11 connections and washed going in (11,259'). Washed going in (11,690'). RD PS.

7/25/23: WO fish to 11,675'. TIH washing over fish. Tagged hard @ 11,900'. Worked through hard spot. Total depth @ 11,914). Circulated till clean returns due to mud and trash to pit. RD PS.

7/26/23-7/27/23: Cont fishing TIH Total depth @ 11,914'). RU PS Total depth @ 11,980'. Tagged top bashing. Washed over fish. Got dirty returns and then packer fluid. Washed until clean returns to pit. RD PS. TIH (tagged top of fish @ 11,675'). Worked FISH. Dress off top of fish. Latched on. Cocked jars a few times. Fish came free @ 140k. Pulled up and made fish latched on. RD PS. TOH std back 228 jnts 2-7/8 PH-6 tbg. Grapple @ 4,573'.

7/28/23-: Cont fishing TOH w/BHA Total length 214. No fish. Could see marks on grapple were we had fish latched on and cracks as well. Disassemble and LD BHA. Assemble new BHA. TIH BHA. (Overshot @ 10,669'. Top of liner @ 10,692'.

7/31/23: TIH 2 Tagged top of liner @ 10,692'. Worked tbg into liner. TIH RU PS. tagged top of fish. Worked tbg, dressed top of fish and latched on. Pressured up to 2100 psi. Unable to pump down tbg or csg. Cocked jars and worked tbg for ~5 hours. Jars quit working. Got off of fish. TOH 310 jnts 2-7/8 PH-6 tbg, 59 jnts 2-3/8 PH-6 tbg, and BHA. Disassembled BHA.

8/1/23-8/7/23: Cont fishing and wash out. Assemble and pick up BHA. TIH BHA Tagged top of fish @ 11,675'. RU PS. PU 1 jnt. Worked fish. Latched onto fish. Move in, spot and rig up WLU. Ran GR to top of fish (11,703'. Could not get into fish. Ran weight bar through fish and tagged packer @ 12,492' to ensure no obstructions). Unable to get jet cutter into fish to cut tbg. RDMO WLU. RU PS. Worked fish. No success. Came off of fish. RD PS. tagged top of fish @11,675'. RU PS. Worked tbg to get on fish. Began washing over. Made 12' and hit tight spot @ 12,012'. WO to 12,018'. Total depth 10,648'. Tagged tight spot w/BHA. Began WO @12,018'. Tight spot fell through @ 12,030'. WO to 12,135'. Tagged top bushing @11,675' and dressed off ~6". Circulated wellbore RD PS. TOH 2-7/8 tbg. EOT @ 11,111' (564' aboveTOF).

8/8/23: Cont fishing and wash out. TOH 282 jnts 2-7/8 PH-6 tbg, 59 jnts 2-3/8 PH-6 tbg and BHA LD 1 jnt 3-3/4 wash pipe, and 10 full jnts 2-3/8 EUE plus 15' piece on bottom and 5' piece on top (fish), Std back 14 jnts 3-3/4 wash pipe. LD shoe. Washed out reverse pit. Secured well. Verified well secure. SDFN. All personnel off location

8/9/23-8/17/23: Cont fishing and wash out. TIH BHA (TIH 40 jnts 2-7/8 PH-6 tbg. Tagged top of fish @ 12,004'. RU PS w/1 jnt 2-7/8 PH-6 tbg.. WO 12' of fish to 12,016'. RD PS w/1 jnt. TOH 44 jnts 2-7/8 PH-6 tbg. EOT @ 10,660'. TIH 2-7/8 tbg. RU PS w/1 jnt. Tagged fish @ 12,014. WO fish. Made 8' (believe we are milling the collars with shoe. Made decision to TOH and replace shoe. TOH EOT @ 8284'. TOH BHA. LD disassemble BHA. Make up and TIH BHA Total depth 12,026'. RU PS. PU 1 jnt tagged @ 12,045'. Filled hole and circulated 100 bbls. started WO. WO fish to 12,052'. Came off from on top of fish. Began circulation but were unable to get through tight spot. Working tight spot. TOH BHA. Had 18" of fish in the grapple. Disassemble and LD BHA. Wait on orders from BLM.

8/18/23-8/24/23: -Cont fishing. Main airhose from compressor on PU gave out. PU supervisor went into town to have one made. Returned and hose was replaced. TIH Began millimg w/322 jnts 2-7/8 PH-6 tbg, 59 jnts 2-3/8 PH-6 tbg and BHA @ 12,020'. Made 7' to 12,027'. RD PSEOT @ 11,684'. PU TIH tbg. RU PS. Begin milling ops. Made 3' (total depth 12,030') TIH BHA. Started to dress TOF @ 12,030'. Made 3'. Worked tight spot. (Believed it was the fish). Got hung up so we worked (jarred) pipe. Attempted to latch onto fish. Worked it over for a while. RD PS w/1 jnt. TOH 322 jnts 2-7/8 PH-6 tbg, 59 jnts 2-3/8 PH-6 tbg and 4 3-1/8 DC's. LD BHA.

8/25/23: - Spot and MIRU WLU. RIH w GR. POOH GR. RIH w/impression block to TOL. Could not get through TOL. Worked it and still unable to get through. Got call that BLM approved setting CIBP at 11,950'. POOH impression block. RDMO WLU. TIH to TOH LD DC's, WO's and Wildcat tools. TOH and RD and loaded PS.

8/26/23: - TIH 322 jnt PH-6 tbg. TOH and LD 322 jnt 2-7/8 PH-6 tbg. Set on bolsters to release back to Graco tomorrow.

8/27/23: -Load Graco WS onto trucks and release. Spot and MIRU WLU. RIH w/GRJB to 12,000'. No issues. RD GRJB. Good voltage. Build charge and CIBP. RIH w/CIBP. Set CIBP @11,950. CCL read 11938'. 12' offset. POOH WL.

8/28/23: Tallied, PU and TIH 323 jnts 2-3/8 L-80 tbg. (total in hole= 371 jnts and 2 perforated subs. Total depth 11,954.2'. TOH LD 1 jnt. EOT 11,922'.

8/29/23: - PT CIBP @ 500 psi for 30 minutes. (pressure held. Test good. Verified by David Mervine w/BLM). Pumped 45 bbls 10# brine ahead of plug. Spotted 25 sks Class H CMT over CIBP. EOT @ 10,634'.

8/31/23: - TIH 30 jnts 2-3/8 L80. TTOC @ 11,597'. (TOH LD 27 jnts 2-3/8 L80 tbg. EOT @ 11,052'. RU PU. Circulated 30 bbls 10# brine ahead of plug @ 1.5 bpm. Pumped 30 sks Class H CMT from 11,052' to 10,696' (5.66 bbls total slurry. 31.8 cuft. 16.4 ppg. 1.06 yld.) TOH std 40 jnts 2-3/8 L80 tbg. EOT 9,756'. (303 jnts in the hole.)

9/1/23: - TIH tagged @ 10,982'. TOH LD 323 jnts. Removed perf sub. EOT 10,400'. spot 80 sks Class H CMT. Calc TOC 10071'. TOH std back 40 jnts. Rev circ 38 bbls 10# brine @ 1.5 bpm.

9/5/23: LD 58 jnts. 7,245' Circulated 6 bbls 10# brine ahead of plug @ 1.5 bpm. Spot 90 sks Class C CMT from 7,250' to 6,835' (21.15 bbls total slurry, 14.8 ppg. 1.32 yld.) TOH std 40 jnts 2-3/8 L80 tbg. CTOC 6,788'. (185 jnts in the hole.) Reverse circulated 27 bbls 10# brine @ 1.5 bpm. WOC. TIH w/27 jnts & tag TOC @ 6,828'. (212 Jnts IH) LD 16 Jnts. (196 Jnts IH) Spot 30 sks class C from 6,350 to 6,200. CTOC - 6,196' Reverse circulated 23.5 bbls 10# brine @ 1.5 bpm. TOH w/40 stnds & LD remaining 2-3/8" tbg. Prep for WL CBL

9/6/23: MIRU WLU. Fill the well w/16 bbls of 10# brine. RIH w/CBL to 4k' & LOOH. RDMO WLU. Wait on updated perf depths Email Correspondence with BLM 9/6/2023: Verbal/Email approval was asked @ 12:49 pm to Keith Immatty for: Shooting perfs @ 32070' and 1270', Set paker at 1350'. Establish circulation. Set cmt retainer at 3170'. Perform cmt squeeze from 32070' to 1170'., Flush tbg w/exact volume of fresh water to CICR. Sting of retainer and flus csg with 1.5x csg volume. Run CBL to determine ne TOC and repeat as necessary. @ 3:36pm Keith Immatty said it was reviewed and is OK. If pressuring up, please spot from 32070' to 3100' and re attempt at TOC.

9/7/23: - MIRU WLU. RIH & perforate @ 3,270' & 1,270'. POOH. RDMO WLU.

9/8/23: - RIH w/6.453" Pkr & set @ 1,350'. Establish circ. 2bpm @ 100 Psi. 14 bbls pumped. POOH w/Pkr TIH w/CMT retainer. CMTR preset itself @ 1,974' Attempted to POOH pulling 10k over. RBIH & found out CMT retainer was preset. After multiple attempts putting rounds into the pipe the retainer came free. We have movement uphole but cannot go down. TOOH to look at CMTR. On surface w/CMTR confirmed we sheared off of it @ 1,974'. TIH sting into CMT retainer. Attempt to Circ dye, Unsuccessful. 1.5 bpm down the tbg @ 1,200 Psi w/little returns. Wait on updated CMT procedure approval Email to Zota Stevens BLM @ 6:11pm Noting Keith approved the suicide squeeze and as we ran in the hole w/cmt retainer we sheared it @ 1974'. We are currently pumping dye to get an exact volume to squeeze cmt from 1925' (above sheared retainer) down to perfs and up annulus. We propose to pump dye and obtain exact volume to displace down csg and up annulus. Set new cmt retainer @ 1925'. Pmp 800 sxs of cmt down csg to 3270' and up annulus to 1270'. WOC and tag cmt in csg. Spot cmt from TOC to 1270'. (We will not run CBL since we will have pumped dye and know exact volume to pump to cover annulus). Carry on with approved P&A procedure from this point. Zota Stevens BLM approved this procedure via email. WOC and Tag this plug @ 6:31 pm.

9/11/23: Attempted to forward circ. 1.5 bpm 10# brine @ 1400 psi. Pumped 15 bbls with no returns. Reverse circulated 1.5 bpm 10# brine @ 1400 psi. Pumped 20 bbls with no returns. Sting off of Cast Iron Cement Retainer. TOH std back 64 jnts 2-3/8 L80 tbg. LD tools. Move in, spot and rig up reverse pump, pit, swivel

9/12/23: Make up BHA. Tagged CICR @ 1987'. RU PS. Circ 10 bbls FW @ 1.5 bpm. To bottoms up. Started DO ops. Made ~ 6". Pulled up and forward circulated 10 bbls @ 1.5 bpm. To clean returns at pit.

9/13/23: - Begin DO Ops. Bit fell through, pushed CICR (believe it fell to bottom.) TIH pkr 42 jnts 2-3/8 L80 tbg. Set pkr @ 1352'. RU CMT pump. Attempted to forward circulate and establish rate.

9/14/23: - Unset pkr. TIH 18 jnt 2-3/8 L80 tbg from derrick, PU 42 jnts 2-3/8 L80 tbg and TIH (total of 102 jnt in the hole. Total depth 3,284'. TOH std back 102 jnts 2-3/8 L80 tbg. Disassembled pkr. TIH 105 jnts 2-3/8 L80 tbg to 3381'. RU CMT pump. Circ 45 bbls 10# brine @ 1.5 bpm. Pumped 25 sks Class C CMT (5.877 bbls slurry, total yld 1.32, 33 cuft.) Displaced w/12 bbls 10# brine @ 1 bpm. TOH std back 104 jnts 2-3/8 L80 tbg, and LD 1 jnt. PU pkr and TIH 30 jnts. WOC. RU WLU while on WOC. RIH w/WL to 4000' and did not tag CMT. TOH WL.

Email correspondence with BLM 9/14/2023: Peter Staub XTO notified Keith Immatty via email @ 9:46 am That we could not fet circulation as discussed. Confirming approval to spot cmt from 3,365'-3250' then reperforate @ 3250' and attempt to get circulation up annulus from 3250'-1270. Keith Immatty reviewed and OK'd via email @ 12:02pm.

9/15/23: - TIH 103 jnts 2-3/8 L80 tbg. TTOC @ 3,252'. TOH std back 103 jnts 2-3/8 L80 tbg. TIH pkr and 31 jnts 2-3/8 L80 tbg. EOT 1,006'. RIH w/WL TTOC @ 3254'. Move up and perf @ 3250. POOH and RD WLU. TIH Set pkr. EOT 1352' plus pkr 1358'. RU CMT pump and attempt to circulate. Attempted to EIR. Pumped 12 bbls @ 1 bpm. Pressured up to 1400 psi. No returns to the pit. Attempted to rev circulate. RD WLU. RU CMT pump. Attempted to rock back and forth (forward and reverse circulate). RIH w/WL and perf @ 2,200'. TIH set pkr @ 2575'. Rev circulated and got clean returns. Circulated 15 bbls @ 1.5 bpm @ 600 psi. Got immediate clean returns to pit followed by dyed returns. Unset pkr TOH.

9/18/23: MIRU WLU. RIH GRJB to 3200'. SET CICR @ 3150'. Assemble CICR stinger and TIH 2-3/8 L80 tbg and tagged CICR @ 3150'. LD 1 jnt and added three subs. Stung onto CICR. Circulated 190 bbls10# brine @ 1.5 bpm and 1500 psi.

Email Correspondence with BLM: 9/18/2023: Peter Staub XTO emailed @ 8:58am to Keith Immatty letting him know that we could not get circulation, so we shot holes @ 2,200'. We then go circulation from 3250'-2200' and from 2200'-1270'. Now we would like to set a cmt retainer at 3150' then squeeze from 3250'-2200'. WOV and tag. Then spot from the cmt retainer up to 2200'. WOC and tag. After this we would do it all over again from 2200'-1270'. Keith w/BLM responded via email @ 9:03am and said reviewed and is OK. @ 9:22am Peter Staub XTO emailed Keith BLM: Minor change: We would set cmt retainer at 2230' (30' below upper ferfs) then squeeze dwn the csg to 3250' and up annulus to 2200'. Then proceed to squeeze the upper half to 1270'. Keith BLM replied @ 11:35am Since we are attempting to

cover the critical (potash area) salt zone with this plug, verification is needed. The original plan would accommodate that better Please revert to the same.

9/19/23: - Stung off CICR. Pumped 12 bbls 10# brine. SQZ 40 sks. Displaced w/12.25 bbls 10# brine. TOH and std back 92 jnts 2-3/8 L80 tbg. LD 5 jnts and CICR stinger. WOC. MIRU WLU. RIH and RCBL. RDMO WLU

Email Correspondence BLM: 9/19/23: Peter Staub XTO reply @ 10:24am Once we got the cmt retainer set at 3150' we could not establish circulation. As per our conversation we propose to squeeze 40 sx of cmt through the retainer at 3150' and into perfs at 3250'. This should get cmt up the annulus to 3150'. From there we would like to run a CBL fr 3150'-1200' and determine where to perf and reattempt the squeeze. Keith Immatty BLM replied @ 10:45 am Reviewed and OK. @ 4:33pm Peter emailed CBL and told Keith We squeezed 40 sxs at 3150' into the perfs @ 3250' then ran the CBL. Looks like we are clear from 3135' and up. With our recent circulation issues using cmt retainers would like to: Perf 3120'. Set a paker at 2230' (below perfs at 2200'). Establish circ and perform dye sweep to get volume estimatie of annulus. Squeeze cmt to cober inside 7-7/8" csg and of 7-7/8" by 10-3/4" annulus from 3120'-2200' w ~5% excess. Release paker and TOOH. WOC and tag. Keith BLM replied @ 5:07pm reviewed and is OK.

9/20/23: - MIRU WLU. RIH perf @ 3,090'. POOH. Incident investigation. WL pulled had glitch on computer and hit flange. Lost tools downhole.

Email Correspondence with BLM: 9/21/23 @ 1:39pm Peter Staub XTO emailed Keith Immatty w/BLM: As discussed pm the phone we perfed @ 3090' then dropped the gun. Today we successfully recovered the gun. There is a cmt retainer at 3150'. We will dump bail 8 sxs cmt on top of the retainer to fill up to the perfs. Then we will set a packer @ 2230', establish circulation and proceed to squeeze from there. Keith Immatty replied @ 2:30 pm Reviewed and OK.

9/21/23: -Begin Fishing. Assemble & TIH BHA Tagged @ 3148'. Worked BHA over fish. Latched on. TOH and Disassembled BHA with fish. Wait on orders from BLM for go ahead to dump bail CMT over CICR. MIRU WLU. Waited WL flange from other rig. RIH w/dump bailer (4 runs two sks each of Class C CMT.). ETOC 3100'.

9/22/23:. TIH Set pkr @ 2231'. Circulated 25 bbls @ 2bpm2000 psi. Unset pkr TOH LD sub. PU 1 jnt TIH set pkr @2254'. Circ 20 bbls lost dye and got brackish water at pit. Cleared up and pumped 142 bbls to bright blue returns (today's spacer). Pumped 12 bbls 10# brine followed by 325 sks Class C CMT (73 bblsslurry volume). Displaced w/5 bbls 10# brine to leave CMT in tbg to fall out as we TOH. Unset pkr TOH and std back 70 jnts w/pkr.

9/25/23: 9:32am 39pm Peter Staub XTO emailed Keith Immatty w/BLM: We performed our squeeze and TTOC at 2200'. Plan forward is to see if we can get circulation from 2200' to 1270'

through existing perfs then perform another squeeze. If we cannot get circulation, we will shoot holes at ~2190' and squeeze up to 1270'.

9/25/23: MIRU WLU. RIH and TTOC @ 2200'. David Mervine w/BLM was present for tag. RD WLU. TIH set pkr @ 1352'. Attempted to EIR. Pumped 3 bbls 10# brine @ 1 bpm. Pressured up to 1000 psi. D. Mervine with BLM on location to witness. Got approval to RIH w/WL and perf @ 2190', EIR and sqz to 1270'. RU WLU. RIH TTOC @ 2200'. Pull up and perf @ 2190'. POOH RD WLU. EIR. Circulated 15 bbls @ 1.5 bpm. good circulation. 0 psi. Pumped 20 bbls 10# brine @ 1.5 bpm.0 psi. Pumped 318 sks Class C CMT. (47 bbls FW mix, 73.75 bbls slurry vol., 832' FOF csg, 900 FOF annulus, CTOC 1335'). Displaced w 5bbls10# brine. TOH LD 42 jnts w/pkr. WOC.

9/26/23: RU WLU. RIH TTOC @ 1435'. POOH, build gun and RIH to perf @ 1425'. RD WLU. TIH set pkr @ 1326'. Circulated 75 bbls 10 # brine w/15 bbl dyed spacer ahead. Good dyed returns to pit @ 69 bbls pumped. 2 bpm @ 1000 psi. 2 bbls in 2 bbls out. Sqz 63 sks Class C CMT. Displace w/1.5 bbls 10# brine. Unset pkr, let balance out and TOH to drop CMT out of tbg. TOH w/pkr. WOC overnight.

Email correspondence with BLM: 9/26/23: 11:22am Peter Staub XTO emailed Keith Immatty w/BLM: We got circulation and performed the squeeze at 2190'. We tagged at 1435'. We propose to: 1. shoot perfs at 1425' and then set packer at 1350' then establish circulation, unset packer and TOOH. 2. Set cement retainer at 1320', squeeze 60 sacks, then sting off retainer. 3. Immediately spot 290 sacks from top of retainer to surface Will this work or will we need to WOC and tag on top of retainer before we spot cement to surface? 2:31pm We shot perfs at 1435' and set a packer at 1326'. we are circulating a barrel in and barrel out at 1000 psi. We will not be using a cement retainer so we propose to:

1. squeeze 63 sacks with packer at 1326'.
2. displace with 1.5 Barrels fresh water.
3. unset the packer and let cement balance in casing and annulus.
4. WOC and tag

2:31pm Peter Staub XTO emailed Keith Immatty w/BLM: We shot perfs at 1435' and set a packer at 1326'. we are circulating a barrel in and barrel out at 1000 psi. We will not be using a cement retainer so we propose to:

1. squeeze 63 sacks with packer at 1326'.
2. displace with 1.5 Barrels fresh water 10-pound brine
3. unset the packer and let cement balance in casing and annulus.
4. WOC and tag

2:37pm Keith Immatty BLM replied Reviewed and OK.

9/27/23: - TIH set pkr @ 31'. Load hole w/10# brine. RU WLU. RIH and perf @ 900' with500 psi on it. RD WL. Attempt to EIR. Pumped .5 bbls and immediatly caught pressure. 1000 psi. RU WL. RIH and perf @ 850' with 500 psi on it. RD WL. Attempt to

EIR. Pumped .5 bbls and immediately caught pressure.1000 psi. RU WL. RIH and perf @ 650' with 500 psi on it. RD WL. TIH set pkr 746'. PT to 500 psi for 10 minutes. No bleed off. Attempt to circulate down 7-5/8 and up 10-3/4.>5 bbls and pressured up to 800 psi immediately. Unset pkr TOH w/pkr. TIH 36 jnts 2-3/8 L80 tbg. PU 1 jnt and TIH. EOT @ 1191'. Pumped 3 bbls 10# brine. Switched to CMT. Pumped 117 sks Class C CMT (17 bbls FW mix. Slurry volume 27.5 bbls. FOF 600'.) displaced w/2.25 bbls 10# brine. TOH std 18 jnts and reverse circulate to clear returns at the pit. CTOC 600'. TOH LD 19 jnts.

Email correspondence with BLM: 9/27/23: 8:48am Peter XTO emailed Keith: We tagged TOC at 1200'. Are we good to spot cement to surface from here? He sent CBL to Keith @ 9:24am We propose to shoot holes at 900' and attempt to break circulation. If we do not get circulation, we will perf at 850' and try again. Once we have circulation we will spot cement from 1200' up to point of circulation then squeeze to surface. Does this work? @ 9:28am Keith BLM replied that will work for us. @ 10:54am Peter sent email We perf'd at 900' and could not establish circulation. We are moving to 850' to perf and attempt again. If this is not successful, should we just keep perfing every 50' until we get circulation? From there we would spot cement up to the perfs then squeeze to surface. Keith Immatty replied @ 11:56am Reviewed. Attempt at 850' is OK. Attempting every 50' is OK from our end. Looking at the CBL, there seems to be solid stringers here and there(maybe around collars?) up to ~650'. Option two that we would be OK with is to perf at 650' and see if circulation can be established. If yes, squeeze between 850' and 650' and ensure that annulus interval doesn't have any communication(pressure up to 500psi, ~10mins.) If there is no communication between 850' and 650', cement can be spotted from 1200' to 650'. If pressuring up again at 650', cement can be spotted from 1200' to 650', then attempting every 50' will be needed the rest of the way. Either way is fine with us.

9/28/23: - RU WL. RIH TTOC @ 576' and perf @ 573' RD WL. Attempt to EIR. Pumped .5 bbls pressured up to 1000 psi. RU WL. RIH perf @ 305'. RD WL. Attempt to EIR. Pumped and immediately pressured up to 1000. psi. Dig out intermediate valve and look for blockage. RU WL. RIH and perf @ 420'. RD WL. Attempt to EIR. Immediately pressured up to 1000 psi. TIH Set pkr @ 483'. Attempt to EIR. Immediately pressured up to 1000 psi. Unset pkr and TOH std back 2 jnts, LD 1 and set pkr @ 392'. Attempt to EIR. Immediately pressured up to 1000 psi. Unset pkr and TOH. Broke circulation w/3 bbls 10# brine. Pumped 65 sks Class C CMT (9.75 bbl mix. FOF 339', 15.28 slurry volume). TOH LD 18 jnts

Email correspondence BLM: 9/28/23: @ 4:07pm Peter Staub XTO emailed Keith Immatty w/BLM: We perf'd at 850' and 650' and could establish circulation between the two perfs. We then spotted cement to ~600'. Waited on cement over night and tagged at 576' then perf'd at 543'. We could not establish circulation to surface form 543' so we perf'd at 305'. We could not establish circulation from 543' to 305' or from 305' to surface. We plan to perf at 420' and attempt to circulate from 543' to 420', and 420' to 305'. If we get circulation, we will squeeze

the intervals we can. If not, we will spot cement from 576' to 305'. Does this work? Keith replied @ 5:41pm reviewed and is OK as a go forward.

9/29/23: - RU WLU. RIH TTOC @ 255'. POOH. RIH and perf @ 255'. RD WL. Attempt to EIR. Pumped .5 bbls and caught pressure immediately to 1000 psi. RU WL. Perf @ 200'. RD WL. Attempt to EIR. Attempt to EIR. Caught pressure immediately. 1000 psi. Spent all of Brigade WL detonators. RU WL. RIH and perf @ 150'. RD WL. Attempted to EIR. Pressured up immediately. RU WL.RIH and perf @ 100'. Attempted to EIR. Pressured up immediately to 1200 psi. TIH 8 jnts 2-3/8 L80 tbg. EOT @ 257'. Break circulation w/3 bbls 10# brine. Pump 30 sks Class C CMT (FOF 153', 14.8 ppg, 4.5 bbls FW mix, Slurry volume 7.05 bbls) Displace w/.25 bbls 10# brine. TOH LD 5 jnts. Reverse circulate w/5 bbls 10# brine. TOH LD 3 jnts.

Email Correspondence with BLM: 9/29/23: 7:52am Peter Staub XTO emailed Keith Immatty w/BLM: As discussed on the phone, no circulation could be established between either set of perfs. We spotted cement from 576' to 250'. We will WOC and tag this morning. At this point we will perf and attempt circulation again. If no circulation can be established should we perf 50' up or spot to surface? Keith Immatty BLM replied @ 8:52am Reviewed and is OK. Please top of the backside if no circulation is established 100' or deeper. 100' can be the last P&S attempt.

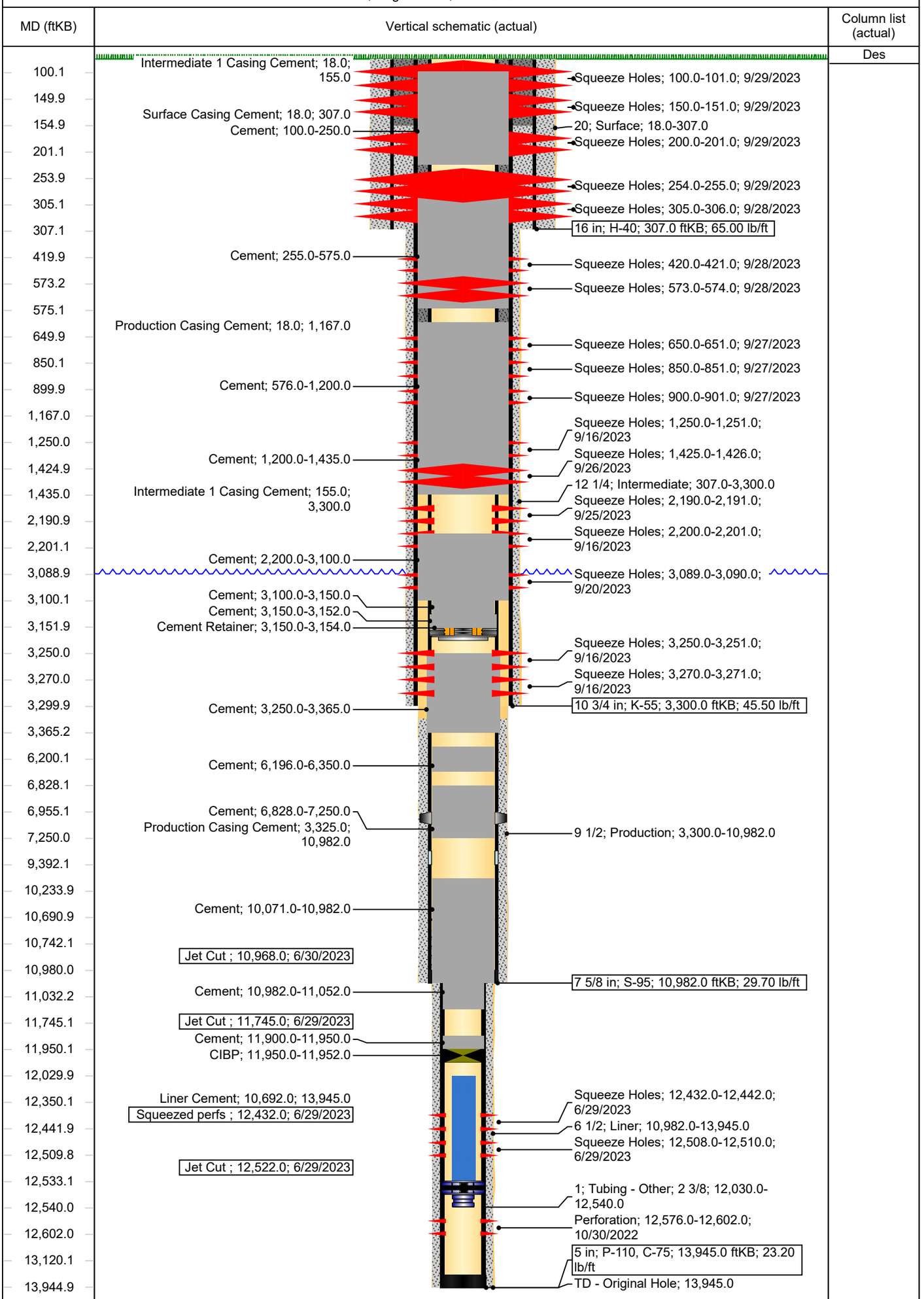
10/2/23: - TIH TTOC @ 109'. TOH LD tbg. ND BOP. RDMO PU and aux equip. Conducted general housekeeping on location. XTO to cut csg and install DHM.

Schematic - Vertical

Well Name: Nash Unit 002

API/UWI	SAP Cost Center ID	Permit Number	State/Province	County	
3001521672	1016081061	BLM	New Mexico	Eddy	
Surface Location		**Spud Date**	**Original KB Elevation (ft)**	**Ground Elevation (ft)**	**KB-Ground Distance (ft)**
T23S-R30E-S18		11/6/1975	3,057.00	3,039.00	18.00
Field Name	**North/South Distance (ft)**	**North/South Reference**	**East/West Distance (ft)**	**East/West Reference**	**Latitude (°)** / **Longitude (°)**
Nash Draw	1,350.0	FNL	1,980.0	FWL	32° 18' 30.236" N / 103° 55' 22.789" W
Well Classification	**Well Type**		**Well Status**		**Method Of Production**

Vertical, Original Hole, 10/11/2023 11:11:12 AM



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District IV
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 292589

CONDITIONS

Operator: XTO ENERGY, INC 6401 Holiday Hill Road Midland, TX 79707	OGRID: 5380
	Action Number: 292589
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
gcordero	None	2/23/2024