

Well Name: MANSFIELD	Well Location: T30N / R9W / SEC 19 / NESW / 36.79512 / -107.824097	County or Parish/State: SAN JUAN / NM
Well Number: 10	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF077833	Unit or CA Name: MANFIELD	Unit or CA Number: NMNM74065
US Well Number: 300452089200S1	Operator: MORNINGSTAR OPERATING LLC	

Subsequent Report

Sundry ID: 2883262

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 11/18/2025	Time Sundry Submitted: 02:42
Date Operation Actually Began: 11/04/2025	

Actual Procedure: MorningStar Operating has plugged and abandoned the Mansfield #10 as of 11/12/2025. Attached are the Final WBD, Procedure, and Marker Photos.

SR Attachments

Actual Procedure

Mansfield_10_Final_P_A_Reports_and_WBD_20251118144136.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: CONNIE BLAYLOCK

Signed on: NOV 18, 2025 02:41 PM

Name: MORNINGSTAR OPERATING LLC

Title: Regulatory Technician

Street Address: 400 W 7th St.

City: Forth Worth

State: TX

Phone: (817) 334-7882

Email address: CBLAYLOCK@MSPARTNERS.COM

Field

Representative Name: Amy Byars

Street Address:

City:

State:

Zip:

Phone:

Email address: abyars@txopartners.com

BLM Point of Contact

BLM POC Name: KENNETH G RENNICK

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647742

BLM POC Email Address: krennick@blm.gov

Disposition: Accepted

Disposition Date: 11/19/2025

Signature: Kenneth Rennick

MorningStar Operating, LLC

Mansfield #10 San Juan County, NM

TD – 3,053 ft MD

12-1/4" hole to 132'

Surface Csg: 4 jts 8-5/8" 24# J-55

Setting Depth: 132 ft

Cement

107 cu. ft.

Circulated cement to surface

7-7/8" & 6-3/4" hole to 3053'

Prod Csg: 97 jts 2-7/8" 6.5# J-55

Setting Depth: 3053 ft

Cement:

540 cu.ft. cmt

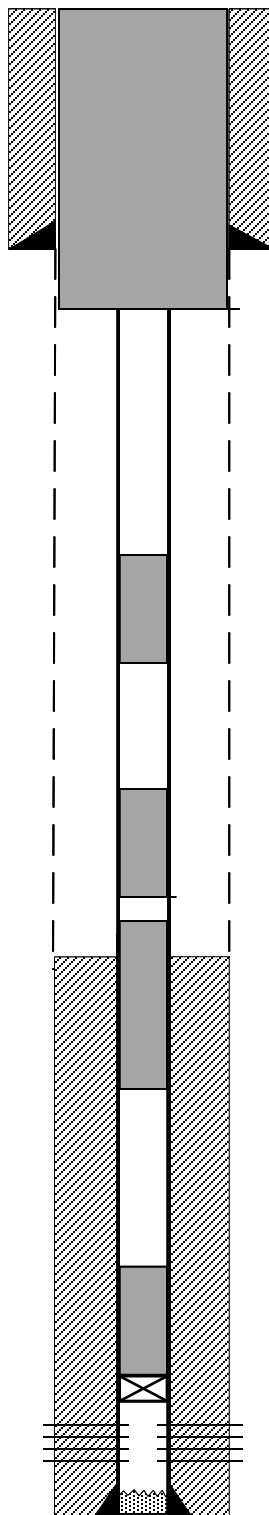
Temp survey TOC ~1800'

Perfs

Pictured Cliffs:

2,950'-2,966', 2,986'-3,006'

Final Wellbore P&A



Plug 5 (Surface) – Perf 182' –
establish circulation pump
80 sx cement outside plug
and 5 sx inside plug cut off
WH weld on marker, top off
with 10 sx cmt, WOC
overnight top off with 1 sack
Plug 182-0'

Plug 4 (Nacimiento) – Perf 1100' – attempt to establish
injection, unable to inject – BLM and NMOCD approve
inside plug starting 50' below perf – balance plug 8sx cmt
WOC no tag – repump with 20 sx WOC overnight Tag 830'
BLM called good
Plug 1150-830'

Plug 3 (Ojo Alamo) – Perf 1690' – attempt to establish
injection – unable to inject, pump inside plug approved by
BLM and NMOCD 50' below perf – balance plug 8 sx WOC
tag 1567' – BLM called good
Plug 1740-1567'

Plug 2 (Kirtland) – Pressure test csg fail – pump balance
plug 5 sx cmt WOC tag 1773' BLM called good
Plug (1895-1773')

Plug 1 (PC perfs/FC) –Set CIBP 2900' test csg fail;
balance plug 13 sx cmt, WOC tag 2540' – need more
height – pump 10 add'l sacks cmt, WOC – Tag 2030' –
BLM called good
Plug 2900-2030'

PC perfs:
2,950'-3,006' (overall)

Prepared by: BBerry
Date: 11/18/2025

KB = 11 ft
GL = 6,304 ft
API# 30-045-20892

Spud Date: 07/23/1972
Ready to Produce: 08/24/1972

**Nacimiento: 1050'
Ojo Alamo: 1640'
Kirtland: 1845'
Fruitland: 2550'
Pictured Cliffs: 2950'
*Tops from Prelim Review by BLM
**NMOCD GeoPick



Job Summary for MANSFIELD 10 - 3004520892

Permanently Plug & Abandon Well-11/03/2025

Date	Summary
11/03/2025	Move WOR, base beam, tool trailer, doghouse, pusher shack, rig tank, half round tank, frac tank from TURNER B COM F 11 to MANSFIELD #10, spot in base beam, spot in WOR, spot in frac tank, spot in rig tank, spot in half round tank. Hauled BOP trailer from TURNER B COM F11 to MANSFIELD #10, hauled TBG trailer from JICARILLA F14 to Bloomfield. Crew travel.
11/04/2025	Crew travel and PJSM. Location tight. Level up and RUWOR, check pressures, Csg 0, BH 0 psi. Spot in backhoe trailer, move bushes away with backhoe, straighten up location, make room for TBG trailer and BOP trailer. NUBOP, RURF, RUTBG equipment, spot in TBG trailer, tally BHA and 98 1-1/4" JNTS, TIH BHA and 91 JNTS @2,970.62' no tag fill, TOO H with 45 stands back in the derrick, TOO H laying down 1 JNT and BHA on TBG trailer, SWIFN, pick up and clean tools and location. Crew travel. Crew off tomorrow 11/05/2025 due to no wireline trucks available, set CIBP and CBL to start first thing in the morning on Thursday 11/06/2025.
11/05/2025	Crew off due to no wireline services available to complete next steps in operation. Resume operations morning of 11/06/2025.
11/06/2025	Crew travel and PJSM. Check pressures, Csg 0, BH 0 psi, MIRU wireline, TIH 2-7/8" CIBP, couldn't pass 1,880' – bit size and plug size – both 2 1/4", TOO H with CIBP and RD same, called MSO Engineer – attempt to contact BLM engineer, not available, contacted NMOCD to discuss - TIH with 44 stands from derrick and single JNT open ended @2,905.47', RUDCP, pump .5 BBLS of FW down TBG up CSG to attempt to circulate clean, pressure up to 1K, bleed pressure off, RD same, TOO H 15 stands back in the derrick, RUDCP, pump 6 bbls FW down TBG up CSG 1.2 BPM to circulate @492 PSI, RD same, TIH 14 stands from derrick, pick 2 JNTS from TBG trailer @2,905.47', RUDCP, pump .5 BBLS of FW down TBG up CSG to attempt to circulate, pressure up again, RD same, TOO H with 11 stands back in the derrick, RUDCP, pump 10 BBLS of FW down TBG up CSG to circulate clean, RD same, TIH 3 stands a time and RUDCP until we finally could go down to 2,905.47 and pump bottoms up. Some sand and discolored water in returns. Had wireline company bring out smaller OD (1.90") longer element CIBP to make sure able to pass and set. TOO H with 44 stands back in the derrick, TOO H laying down 1 JNT on TBG trailer, RU wireline, TIH 2-7/8" CIBP @2,900' and set. TOO H with setting tool, RUDCP, top off well for CBL, RD same, run CBL tool to 2,900' to surface, RD same, SWIFN, winterize all kelly hoses and pump. Crew travel.
11/07/2025	Crew travel and PJSM. Check pressures, Csg 0, BH 0 psi, pick up and TIH 1 JNT from TBG trailer and 44 stands from derrick, RUDCP, pump BBLS of FW down TBG up CSG to catch circulation, then pump 13 SXS of cement on top of CIBP @2,900', displace it with 4.4 BBLS of FW, RD same, TOO H laying down 14 JNTS on TBG trailer, TOO H with 20 stands back in the derrick. WOC 4 hrs. TIH 20 stands from derrick, pick up and TIH JNTS from TBG trailer to tag cement @2,540, BLM request to add more cement to this plug, called MSO Engineer to notify, RUDCP, pump .5 BBLS of FW down TBG up CSG to catch circulation, pump 10 SXS cement down TBG @2,540', displace with 4 BBLS of FW, RD same, TOO H laying down 14 JNTS on TBG trailer, TOO H with 32 stands back in the derrick, SWIF the weekend, winterize all kelly hoses and pump, pick up and clean tools and around location. Crew travel.



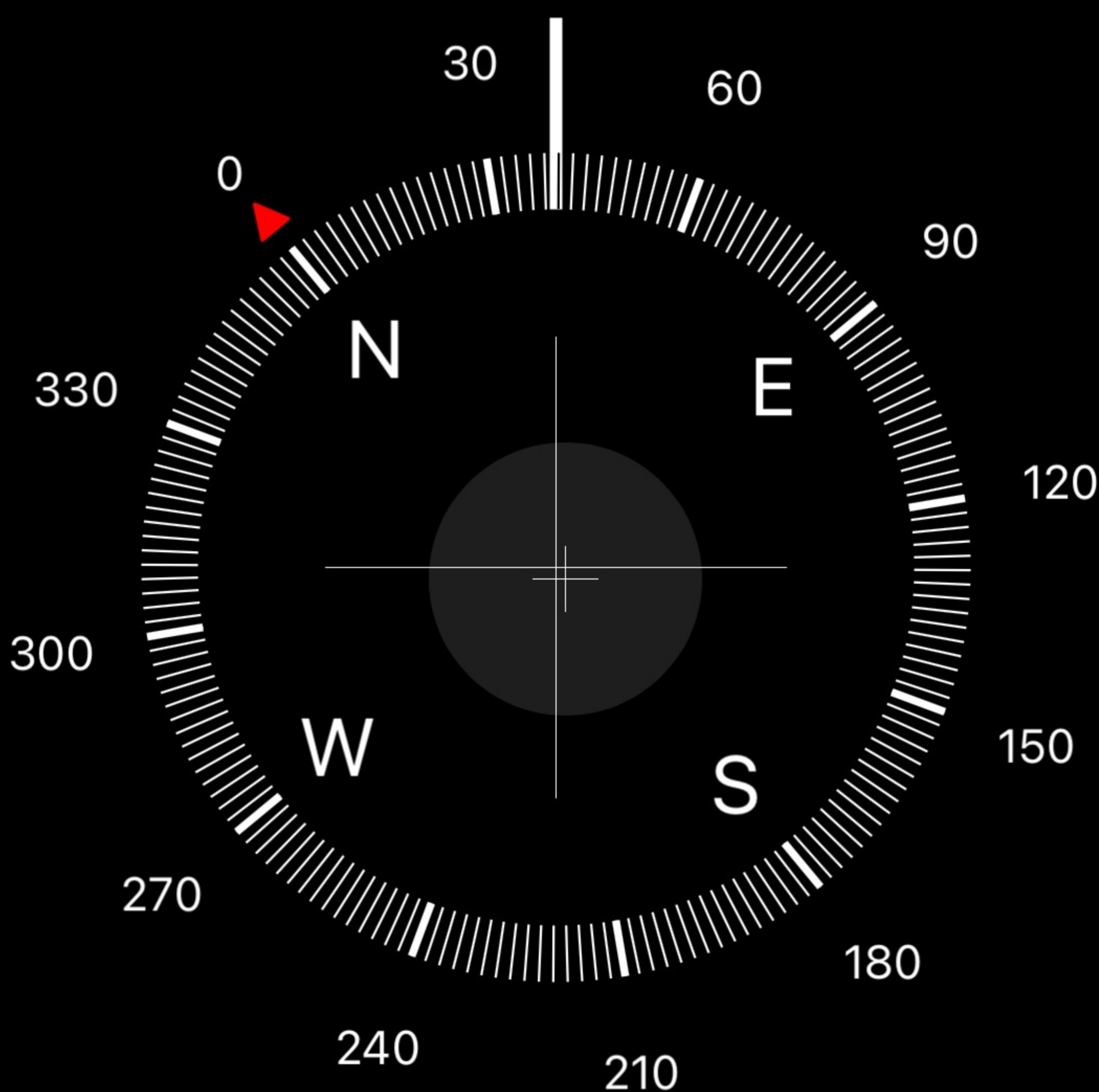
Job Summary for MANSFIELD 10 - 3004520892

Permanently Plug & Abandon Well-11/03/2025

11/10/2025	Crew travel and PJSM. Check pressures, Csg 0, BH 0 psi, TIH with 32 stands from derrick, pick and TIH JNTS from TBG trailer to tag cement @2,030' – tag good with BLM, TOOHL laying down 1 JNT on TBG trailer, RUDCP, pump 1 BBLS of FW down TBG up CSG to catch circulation, attempt to pressure test CSG to 500 PSI, pressure dropped to 320 PSI in 14 seconds, bleed pressure off, RD same, TOOHL laying down 4 JNTS on TBG trailer, RUDCP, pump 3 BBLS of FW down TBG up CSG to catch circulation, then, pump a cement balance plug of 5 SXS of cement down TBG @1,895', displace it with 3 BBLS of FW, RD same, TOOHL laying down 5 JNTS on TBG trailer and 20 stands back in the derrick, WOC 4 hrs. TIH with 20 stands from derrick, pick and TIH 1 JNT from TBG trailer to tag cement @1,773' BLM called good, TOOHL laying down 1 JNT on TBG trailer, TOOHL with 26 stands back in the derrick, RU wireline, TIH with PERF. Gun to shoot holes @1,690', TOOHL with perf. gun, RD same, TIH with 21 stands from derrick, RUDCP, pump 3.5 BBLS of FW down TBG up CSG to catch circulation, attempt to get injection rate pumping 0.9 BPM with 780 PSI and increasing, kicked out pump kills at 900 psi – contact MSO Engineer and discuss with BLM rep on location – wait on approvals from BLM engineer and NMOCD rep per BLM onsite rep requirement – approved to spot a cement balance plug 50' below perforations. RD pump, pick up and TIH 2 JNTS from TBG trailer, RUDCP, pump cement balance plug of 8 SXS of cement @1,740', displace it with 2.7 BBLS of FW, RD same, TOOHL laying down 6 JNTS on TBG trailer, TOOHL with 24 stands back in the derrick, WOC overnight, SWIFN, winterize all kelly hoses and pump, pick up and clean tools and around location. Crew travel.
11/11/2025	Crew travel and PJSM. Check pressures, Csg 0, BH 0 psi, TIH with 24 stands from derrick, pick and TIH 1 JNT from TBG trailer to tag cement @1,567', BLM called good, TOOHL laying down 15 JNTS on TBG trailer, TOOHL with 17 stands back in the derrick. RU wireline, TIH perf. gun to shoot holes @1,100' TOOHL with perf. gun and RD same, TIH 17 stands from derrick, RUDCP, pump down TBG up CSG to catch circulation, close CSG, pump 0.8 BPM at 680 PSI and increasing – unable to achieve injection, called Loren Diede to request the verbal approval to spot a cement balance plug 50' below perforations, he gave the verbal approval. TIH 2 JNTS from TBG trailer, RUDCP, pump a cement balance plug of 8 SXS of cement down TBG @1,150', displace it with 1.6 BBLS of FW, RD same, TOOHL laying down 5 JNTS on TBG trailer, TOOHL with 15 stands back in the derrick, WOC. (done pumping cement @9:44am) TIH 15 stands from derrick, pick and TIH 9 JNT from TBG trailer to attempt to tag cement 1,150' pass through 1,274' without tag cement at all, called MSO engineer – repump plug from 1150' but 20 SXS of cement this time, TOOHL laying down 4 JNTS on TBG trailer, RUDCP, pump 3.5 BBLS of FW down TBG up CSG to catch circulation, then, pump a cement balance plug of 20 SXS of cement down TBG @1,150', displace it with 0.8 BBLS of FW, RD same, TOOHL laying down 5 JNTS on TBG trailer, TOOHL with 15 stands back in the derrick, WOC overnight, SWIFN, winterize all kelly hoses and pump, pick up and clean tools and around location. Crew travel.
11/12/2025	Crew travel and PJSM. Check pressures, Csg 0, BH 0 PSI, TIH 13 stands from derrick to tag cement @830' BLM called good, TOOHL laying down 9 JNTS on TBG trailer, TIH 2 stands from derrick, TOOHL laying down 21 JNTS on TBG trailer, RU wireline, TIH perf. gun to shoot holes @182' TOOHL perf. gun and RD same, TIH 6 JNTS open ended from TBG trailer, RUDCP, pump 10 BBLS of FW down TBG up SCSG to catch circulation, pressure up to 300 PSI and establish circulation at surface, kept pumping another 8 BBLS of FW down TBG up surface casing until a trash bag came up to surface, pressure drop off to 0 PSI, pump another 10 BBLS of FW down TBG up surface casing to circulate clean. Wait on fresh water 1 ½ hours. RUDCP, pump 80 SXS of cement down TBG @182' up CSG until good cement returns comes to surface, close surface casing valve and switch hoses, pump 5 SXS of cement down TBG up CSG until good cement returns comes to surface, RD same, TOOHL laying down 6 JNTS on TBG trailer, WOC. (done pumping cement at 11:04am) RDTBG equipment, RDRF, RDWOR, move WOR away from well, take doors off BOP to flush cement off of blind and pipe rams, put doors back on BOP while waiting on cement to get set. TIH poly hose to tag cement on 2-7/8" CSG, tag cement @32' from surface, dig 2' below ground surface and around well, cut well off, TIH poly hose to tag cement on SCSG @17' from surface, weld well info marker on side of surface casing, RUDCP, pump 10 SXS of cement to top well and cellar off, RD same, winterize all kelly hoses and pump, pick up and clean tools and around location. Crew travel. Top off well 11/13/2025 with 1 sx cmt. BLM called good. Wellbore P&A Complete.

4:38

5G 19



39° NE

36°47'43" N 107°49'29" W

Blanco, NM

6310 ft Elevation











Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oed/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 528120

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 528120
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	11/20/2025