

Well Name: BREECH D	Well Location: T26N / R6W / SEC 11 / NWSW / 36.499786 / -107.443222	County or Parish/State: RIO ARRIBA / NM
Well Number: 685	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM03553	Unit or CA Name:	Unit or CA Number:
US Well Number: 300390658700S1	Operator: CROSS TIMBERS ENERGY LLC	

Subsequent Report

Sundry ID: 2875696

Type of Submission: Subsequent Report	Type of Action: Plug and Abandonment
Date Sundry Submitted: 09/25/2025	Time Sundry Submitted: 10:07
Date Operation Actually Began: 09/22/2025	

Actual Procedure: Cross Timbers Energy has plugged and abandoned the Breech D 685 as of 9/22/2025. Attached are the daily reports and final WBD.

SR Attachments

- Actual Procedure
- Breech_D_685_WBD_FINAL_PA_20250925100633.pdf
 - Breech_D_685_Final_PA_Reports_20250925100625.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: SEP 25, 2025 10:06 AM
Name: CROSS TIMBERS ENERGY 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: 09/29/2025
Signature: Kenneth Rennick	

Cross Timbers Energy

Breach D 685
Rio Arriba County, NM

TD – 7505 ft MD

15" hole
Surface Csg: 10.75" 32.75# csg
Setting Depth: 450 ft

Cement
200 sx cement

8.75" hole to 6727'
Prod Csg: 7" 23# and 26# csg
Setting Depth: 6722 ft

Cement:
500sx
Orig TOC: ~4455' Temp Survey

7/17/1965 – Isolate Tocito and Deepen Well
6 1/8" hole to 7505'
4 1/2" 10.5# and 11.6# liner
Setting depth: 7502'
TOL: 6298'

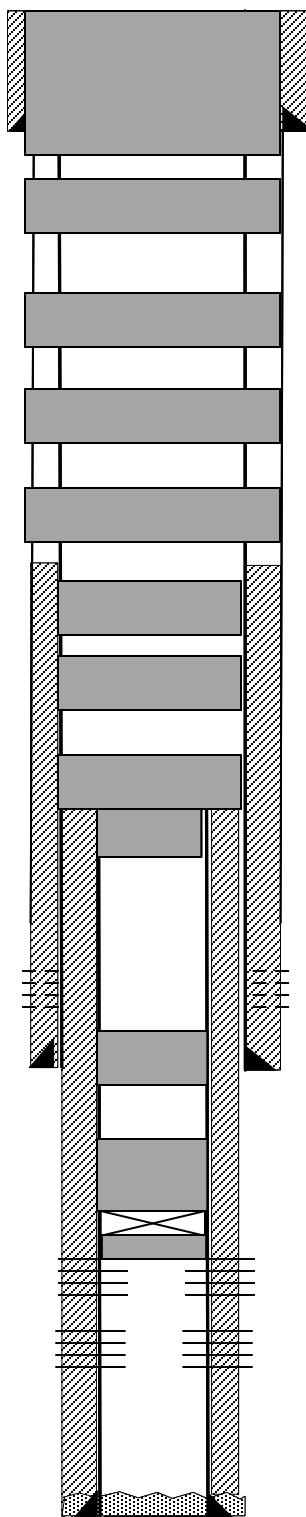
Cement:
140 sx

TOC CBL ~4486'
09.10.2025

Tocito Perfs:
6683'-6697' – behind pipe and
cement

Dakota perfs:
7172'-7220'
7300'-7430'

Final P&A WBD



PBTB: 7430 ft MD

****Nacimiento: 1260'**
***Ojo Alamo: 2100'**
***Kirtland: 2470'**
***Fruitland: 2670'**
***Pictured Cliffs: 2995'**
***Chacra: 3850'**
***Mesa Verde: 4632'**
***Mancos: 5355'**
****Gallup: 6290'**
****Graneros: 7160'**
****Dakota: 7297'**

***BLM Geo Top Picks from COAs**
****NMOCD Revised Tops from COAs**

Prepared by: Bberry
09.24.2025

KB = 6,524 ft
GL = 6,512 ft
API# 30-039-06587

Spud Date: 07/03/1955
Ready to Produce: 08/04/1955
Deepen: 07/17/1965

Plug 10 (Surface Shoe and to surface) – Perf 500' – establish injection, pump 221 sx cmt inside/outside casing – cut off WH - cmt at surf in prod csg, 3' low in annulus – weld on marker and top off with 12 sx cmt

Plug 9 (Nacimiento) – Perf 1310' – attempt to establish inj, unable – BLM ok to pump balance plug 40 sx cmt – WOC Tag 1174' – confirm ok with BLM Rep
Plug 1360-1174'

Plug 8 (Kirtland/Ojo Alamo) – Perf 2520' – attempt to establish inj, unable BLM ok to pump balance plug 112 sx cmt WOC Tag 2004' – confirm ok with BLM Rep
Plug 2570-2004'

Plug 7 (PC/FC) – Perf 3050' – attempt to establish inj, unable BLM ok to pump balance plug 104 sx cmt WOC Tag 2587' – confirm ok with BLM Rep
Plug 3100-2587'

Plug 6 (Chacra) – Csg P Test Fail – no injection capability - Perf 3900' – attempt to establish inj, no injection, BLM ok with spotting balance plug 41 sx cmt WOC Tag 3762' – confirm ok with BLM Rep
Plug 3950-3762'

Plug 5 (Mesa Verde) – Csg P Test Fail - Balance plug 31 sx cmt WOC Tag 4540' – confirm good with BLM Rep
Plug 4682-4540'

Plug 4 (Mancos) – CsgP Test fail - Balance plug 29 sx cmt WOC Tag 5275' – confirm good with BLM Rep
Plug 5405-5275'

Plug 3 (Liner Top and Gallup) – Csg P Test Failed - Balance plug 45 sx cmt WOC tag plug 6067' – confirm good with BLM Rep
Plug 6348-6067'

Plug 2 (Casing Shoe) – Csg P Test Fail - Balance plug 14 sx cmt WOC Tag 6542' – confirm good with BLM Rep
Plug 6722-6542'

Plug 1 (Dakota Perfs/Graneros Top) – CICR Set @ ~7122' – Csg P Test Fail - inj 7sx cmt below retainer, 12 sx cmt on top – WOC Tag 6878' confirm good with BLM Rep
Plug ~7210-6878'



Job Summary for BREECH D 685 - 3003906587

Permanently Plug & Abandon Well-09/08/2025

Date	Summary
09/08/2025	Move WOR, tool trailer, BOP trailer, rig tank, half round tank (pit), frac tank, spot in and level up WOR, RUWOR, check pressures, TBG 0 PSI, CSG 0 PSI, BH 0 PSI, NDWH, unland TBG hanger with 35K, land TBG hanger back in well, NUBOP, RURF, RUTBG equipment, SWIFN, pick and clean tools and around location. Crew travel.
09/09/2025	Crew travel and PJSM. Check pressures, TBG 0 PSI, CSG 0 PSI, BH 0 PSI, spot in and RU scanning unit. Wait on TBG trailers. Spot in TBG trailers, TOOHL laying down 2 yellow band JNTS on TBG trailer, 219 mix red and green, except for 4 JNTS, most JNTS have slim collar and scale – some joints appear to be over torqued, had to pull scanner unit to clean slip dies couple times and replace slip dies due to scale buildup. Tally and TIH 4-1/2" CSG scraper and 200 JNTS @6,320.87' – able to roll into 4 1/2" liner before shut down, SWIFN, pick and clean tools and location. Crew travel.
09/10/2025	Crew travel and PJSM. Tbg 0 psi, Csg 0 psi, BH 0 psi. Tally and TIH 26 JNTS @7,157.47', TOOHL laying down 1 JNT on TBG trailer, TOOHL with 112 stands back in the derrick, 1 JNT down on TBG trailer and 4-1/2" CSG scraper. TIH 4-1/2" CICR, 1 JNT from TBG trailer and 112 stands from derrick and set CICR @7,122', sting out of CICR, RUDCP, pump 23 BBLS of FW down TBG up CSG, attempt to circulate, start pressure up gradually up to 500 PSI, stop pumping and pressure dropped slowly to 100 PSI, discuss with engineer, TOOHL with 112 stands back in the derrick, lay down 1 JNT with 4-1/2" stinger on TBG trailer, RUDCP, pump 20 BBLS of FW down CSG to fill well up while TOOHL. Spot in and RU wire line, TIH CBL tool from 7,100' to surface, RD same. Check stinger to make sure not plugged, TIH 4-1/2" stinger, 1 JNT from TBG trailer, 56 stands from derrick, EOT@3,549.90', SWIFN, pick up and clean tools and location. Crew travel.
09/11/2025	Crew travel and PJSM. Check pressures, TBG 0 PSI, CSG 0 PSI, BH 0 PSI, RUDCP, pump 13 BBLS of FW down TBG up CSG, attempt to circulate, pressure up to 600 PSI, stop pumping, pressure dropped to 300 PSI slowly, pump 2 BBLS of FW down CSG, attempt to circulate up TBG, pressure up to 500 PSI, RD same, find rig tank plugged with cement, switch rig tank lines and we could circulate, RD same, TIH 56 Stands from derrick, RUDCP, pump 2 BBLS of FW down TBG up CSG to catch circulation, attempt to pressure test CSG to 500 PSI, pressure test failed - stung into 4-1/2" CICR, pump and inject 10 BBLS of FW below CICR, then, pump 7 SXS of cement below CICR, sting out of 4-1/2" CICR, pump 12 SXS of cement with 2% of calcium on top pf CICR @7,122', displace it with 26.96 BBLS of FW, RD same. TOOHL laying down 7 JNTS slow on TBG trailer, RUDCP, pump 25 BBLS of FW down CSG up TBG to reverse clean, RD same, TOOHL with 4 JNTS on TBG trailer, 107 stands back in the derrick and CICR's stinger. (done pumping cement @9:30am). WOC to set. TIH notched collar and 47 stands open ended @2,953.79', start raining and lightning - shut down operations due to bad weather conditions. SWIFN, pick up tools and clean location. Crew travel.
09/12/2025	Shut down due to weather.

Job Summary for BREECH D 685 - 3003906587



Permanently Plug & Abandon Well-09/08/2025

09/15/2025	Crew travel and PJSM. Check pressures, Tbg 0 PSI, CSG 0 PSI, BH 0 PSI, TIH 60 stands from derrick, pick and TIH 4 JNTS from TBG trailer to tag cement @6,878' BLM called good, RUDCP, pump 2 BBLS of FW down TBG up CSG to catch circulation, attempt to pressure test CSG to 500 PSI, pressure dropped from 500 PSI to 290 PSI twice in about 25 seconds, test failed, RD same, TOOHL laying down 4 JNTS on TBG trailer, RUDCP, pump a cement balance plug of 14 SXS of cement @6,772', displace it with 25.5 BBLS of FW, RD same, TOOHL laying down 9 JNTS on TBG trailer, RUDCP, pump 37 BBLS of FW down CSG up TBG to reverse it out clean, TOOHL laying down 4 JNTS on pipe trailer, TOOHL with 20 stands back in the derrick. WOC. TIH 20 stands from derrick, pick and TIH 6 JNTS from TBG trailer, tag cement @6,542', BLM called good, RUDCP, pump 2 BBLS of FW down TBG up CSG to catch circulation, then pump another 2 BBLS of FW down TBG to attempt to pressure test CSG to 600 PSI, pressure dropped from 600 PSI to 500 PSI in 20 seconds, RD same, TOOHL laying down 6 JNTS on TBG trailer, RUDCP, pump a cement balance plug of 45 SXS of cement @6,348', displace it with 23.5 BBLS of FW, RD same, TOOHL laying down 11 JNTS on TBG trailer, RUDCP, pump 35 BBLS of FW down CSG up TBG to reverse it out clean, RD same, TOOHL laying down 9 JNTS on TBG trailer, TOOHL with 20 stands back in the derrick, EOT@4,426.45', SWIFN, pick up and clean tools and around location. Crew travel.
09/16/2025	Crew travel and PJSM. Check pressures, Tbg 0 PSI, CSG 0 PSI, BH 0 PSI, TIH 20 stands from derrick, pick and TIH 12 JNTS from TBG trailer to tag cement @6,067', BLM called good, RUDCP, pump 2 BBLS of FW down TBG up CSG to catch circulation, pressure test CSG to 500 PSI, pressure dropped to 300 PSI, tried again pressure test CSG to 600 PSI, pressure dropped to 480 PSI, test failed, TOOHL laying down 21 JNTS on TBG trailer, RUDCP, pump 1 BBLS of FW down TBG up CSG to catch circulation, pump a cement balance plug of 29 SXS of cement @5,405', displace it with 20.3 BBLS of FW, RD same. TOOHL laying down 7 JNTS on TBG trailer, RUDCP, pump 30 BBLS of FW down CSG up TBG to reverse it out clean, RD same, TOOHL laying down 5 JNTS on TBG trailer, TOOHL with 20 stands back in the derrick. WOC. TIH 20 stands from derrick, pick and TIH 8 JNTS from TBG trailer to tag cement @5,275' BLM called good, RUDCP, pump 2 BBLS of FW down TBG up CSG to catch circulation, pump 2 BBLS of FW to pressure test CSG to 500 PSI, pressure dropped from 500 PSI to 410 PSI in less than 2 minutes, test failed, TOOHL laying down 19 JNTS on TBG trailer, RUDCP, pump a cement balance plug of 31 SXS of cement @4,682', displace it with 17.49 BBLS of FW, RD same, TOOHL laying down 7 JNTS on TBG trailer, RUDCP, pump 25 BBLS of FW down CSG up TBG to reverse it out clean, RD same, TOOHL laying down 5 JNTS on TBG trailer, TOOHL with 20 stands back in the derrick, EOT@3,041.43', SWIFN, pick up and clean tools and location. Crew travel.
09/17/2025	Crew travel and PJSM. TBG 0 PSI, CSG 0 PSI, BH 0 PSI, TIH tag cement @4,540', BLM called good, RUDCP, pressure test CSG to 500 PSI, dropped to 410 PSI in 45 seconds, test failed, TOOHL RU WL. TIH perf gun and shoot holes @3,900', TOOHL with perf gun and RD same, RUDCP, attempt to establish injection, pressure up to 750 PSI no injection rate, pressure dropped from 760 to 460 PSI in over 1 minute, bleed off pressure – confirm with BLM representative of no injection – approval to spot balance plug 50' below new perf @ 3900' with top as planned - pump a cement balance plug of 41 SXS of cement @3,950'. TOOHL laying down 9 JNTS on TBG trailer, RUDCP, pump 21 BBLS of FW down CSG up TBG to reverse it out clean, RD same, TOOHL with 20 stands back in derrick. WOC. TIH tag cement @3,762', BLM called good, TOOHL laying down 27 JNTS on TBG trailer, TOOHL with 48 stands and a single JNT back in the derrick, RU wire line, TIH perf. gun and shoot holes @3,050' (collar @3,045') TOOHL w/perf. Gun. TIH TBG and attempt to get injection rate, pressure up to 750 PSI – could not establish injection - pressure dropped to 450 PSI in 1 minute – BLM agrees with another balance plug starting 50' below new perf @ 3050' - TIH 2 JNTS from TBG trailer, RUDCP, pump a cement balance plug of 104 SXS of cement @3,100', PUH and reverse out, TOOHL with 20 stands back in the derrick, EOT@ 1,276.55', SWIFN, pick up and clean tools and location. Crew travel. 7 of 10 plugs complete.



Job Summary for BREECH D 685 - 3003906587

Permanently Plug & Abandon Well-09/08/2025

09/18/2025	Crew travel and PJSM. Check pressures, TBG 0 PSI, CSG 0 PSI, BH 0 PSI, TIH 20 stands from derrick, pick and TIH 3 JNTS from TBG trailer to tag cement @2,587', TOOH laying down 3 JNTS on TBG trailer, TOOH w/40 stands back in the derrick, RU wire line, TIH perf. gun and shoot holes @2,520', TOOH with perf. Gun, TIH 40 stands from derrick and 8' sub, RUDCP, pump 1 BBL of FW down TBG up CSG to catch circulation, attempt to get injection rate @2,520', pressure up to 760 PSI, pressure dropped 100 PSI in 50 seconds, TOOH laying down 8' sub, TIH 2 JNTS from TBG trailer, RUDCP, pump a cement balance plug of 112 SXS of cement @2,570', displace it with 7.69 BBLS of FW, TOOH laying down 21 JNTS on TBG trailer, RUDCP, pump 11 BBLS of FW down CSG up TBG to reverse it out clean, TOOH 30 stands and a single back in the derrick, done w/plug 9:45am – WOC. TIH 30 stands from derrick and 4 JNTS from TBG trailer, tag cement @2,004', BLM called good, TOOH laying down 20 JNTS on TBG trailer, TOOH with 20 stands back in the derrick, RU wire line, TIH w/perf. gun and shoot holes @1,310', TIH 20 stands from derrick a single JNT from trailer and 6' sub, RUDCP, pump 1 BBL of FW down TBG up CSG to circulate, then, attempt to get injection rate through perforations @1,310', pressure up to 750 PSI without injecting anything, pressure dropped 100 PSI in 50 seconds, TOOH laying down 6' sub, TIH 2 JNTS from TBG trailer, RUDCP, pump a cement balance plug of 40 SXS of cement @1,360', displace it with 4.4 BBLS of FW, RD same, TOOH laying down 9 JNTS on TBG trailer, RUDCP, pump 7 BBLS of FW down CSG up TBG to reverse it out clean, TOOH with 17 stands back in the derrick, WOC overnight, SWIFN, pick up and clean tools and location. Crew travel. 9 of 10 plugs completed.
09/19/2025	Crew travel and PJSM. Check pressures, TBG 0, CSG 0, BH 0. TIH tag cement @1,174', BLM called good, TOOH laying down 37 JNTS on TBG trailer, TIH WL and perf @ 500', RDMO wireline, RDTBG equipment, RDRF, NDBOP, NUWH, RUDCP, pump 124 SXS of cement down CSG through perforations @500' up SCSGF and 97 SXS of cement, start to see cement coloring in returns, while mixing more cement and attempt to continue pumping cement, pressure increase to 620 PSI, shut down and discuss with engineer – shut down and clean up extra cement, RDWOR, dig below SCSG, cut well below SCSG, good cement on the cut of inner CSG, weld marker on side top of inner CSG, tag cement annulus @3', RUDCP, pump 12 SXS of cement to top well off and around well, RD same. Crew travel. Torch hoses faulty - will need to cut hole in marker on Monday while moving rig to next location. 10 of 10 plugs complete.





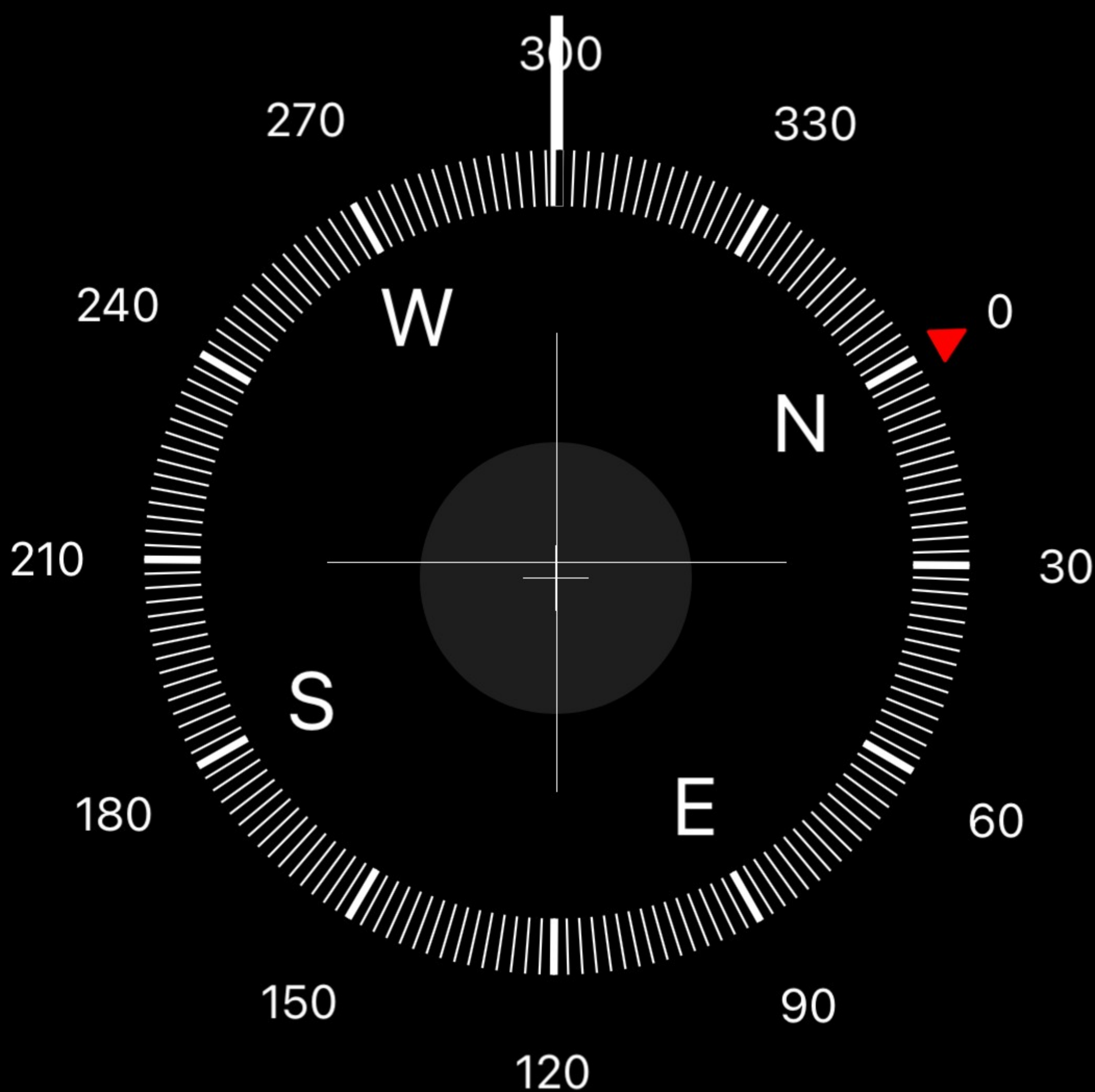








2:53



299° NW

36°30'1" N 107°26'37" W

Blanco, NM

6520 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 510243

CONDITIONS

Operator: CROSS TIMBERS ENERGY, LLC 400 West 7th Street Fort Worth, TX 76102	OGRID: 298299
	Action Number: 510243
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	9/30/2025