

Well Name: EL PASO	Well Location: T29N / R9W / SEC 20 / SWNW / 36.712036 / -107.807831	County or Parish/State: SAN JUAN / NM
Well Number: 3	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMNM0560422	Unit or CA Name:	Unit or CA Number:
US Well Number: 300452152800S1	Operator: MORNINGSTAR OPERATING LLC	

Subsequent Report

Sundry ID: 2859347
Type of Submission: Subsequent Report
Date Sundry Submitted: 06/20/2025
Date Operation Actually Began: 05/31/2025
Type of Action: Plug and Abandonment
Time Sundry Submitted: 12:54

Actual Procedure: MorningStar Operating has P&A'd the El Paso #3 as of 05/31/2025. Attached are the Daily Reports, Final WBD, and marker photos.

SR Attachments

- Actual Procedure
- PA_Marker_Photos_El_Paso_3_20250620125344.pdf
 - PA_WBD_El_Paso_3_20250620125303.pdf
 - PA_Daily_Report_El_Paso_2_20250620125250.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: JUN 20, 2025 12:53 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@mspartners.com		

BLM Point of Contact

BLM POC Name: MATTHEW H KADE	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5055647736	BLM POC Email Address: MKADE@BLM.GOV
Disposition: Accepted	Disposition Date: 06/23/2025
Signature: Matthew Kade	

Plug And Abandonment End of Well Report**El Paso #003**

2210' FNL, 620' FWL, Sec. 20, 29N, 09W

San Juan County, NM / API 30-045-21528

Work Summary:

- 5/19/25** Made P&A operations notifications at 9:00 AM MST.
- 5/20/25** Moved rig and equipment to location. Held safety meeting. Completed spiral gas check for H2S and other gas. Levelled pad around WH. Spotted base beam. R/U unit. Checked well pressures (all 0 psi). Removed cap on the well head. P/U on the tubing and unset the packer. Began removing tubing and found it is not 2-7/8" EUE. Took some tubing to get proper equipment. Installed new change overs, installed drill flange. N/U BOP. Change over to 1.66" rams, elevators, slips, and tongs. Function tested BOP. R/U floor. Pulled 5 stands of 1-1/4" tubing and the well began to flow. Monitored flow. Filled a 5 gallon bucket in 1 minute. Let the well flow for 30 minutes. Continued flowing at approximately 5 gal/min. Shut in and secured well.
- 5/21/25** Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Checked well pressures (70 psi casing). Bleed down well. R/U cementing services. Pumped 10 bbls of 10 ppg brine water down casing. Well continued flowing. Pumped an additional 10 bbls of 10 ppg brine down casing. Installed new stripper rubber. R/D cementing services. TOOH with 1-1/4" production tubing. L/D packer. R/U cementing services. Pumped 40 bbls of brine down casing. R/U wireline services. Ran 2.13" gauge ring to 2020'. POOH. P/U CR. RIH and stacked out at 609'. POOH. Make up broach with weight bar and worked from 609' to 654'. POOH. L/D broach. Make up CR with weight bar. RIH and stacked out at 620'. L/D CR. R/D wireline services. Wait on orders. Shut in and secured well.
- 5/22/25** Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Checked well pressures (40 psi on casing). Bleed down well. TIH open ended. Tagged at 2063'. L/D 1 joint and

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P/U sub. R/U cementing services. Pumped plug #1 from 2063' to 1895'. R/D cementers. L/D tubing and TOO. WOC 4 hours. TIH and tagged plug #1 at 2060'. TOO. R/U wireline services. RIH and logged well. Sent logs for review. R/D wireline services. TIH. R/U cementing services. Continued pumping plug #1 from 2060' to 1892'. R/D cementers. L/D 6 joints and TOO. Shut in and secured well.

5/23/25 Arrived on location. Held safety meeting. Completed spiral gas check for H₂S and other gas. Checked well pressures (60 psi on casing). Bleed down well. TIH open ended. Tagged plug #1 at 2001'. Discussed plug with NMOCD and BLM. L/D tubing to 1577'. R/U cementing services. Attempted to pressure test casing but was unsuccessful. Pumped plug #2 from 1577' to 1409' to cover the FC formation top. TOO. WOC 4 hours. TIH and tagged plug #2 at 1440'. L/D tubing to 1096'. R/U cementing services. Pumped plug #X from 1096' to 655' to cover the Kirtland and Ojo Alamo formation tops. L/D tubing and TOO. Shut in and secured well. WOC overnight.

5/27/25 Arrived on location. Held safety meeting. Completed spiral gas check for H₂S and other gas. Checked well pressures (all 0 psi). TIH open ended. Tagged plug #X at 300'. L/D tubing. NMOCD requested to drill out cement to see if Kirtland formation top was covered. Gather tubing collars and lifting equipment. Spot tubing trailer. Shutdown for the day.

5/28/25 Arrived on location. Held safety meeting. Completed spiral gas check for H₂S and other gas. Checked well pressures (20 psi on casing). Make up 2-1/4" bit. P/U 10 joints of 1-1/2" MT tubing and tagged at 288'. P/U power swivel. Established circulation with 3 bbls of fresh water (1bpm at 250psi). Drill from 288' to 1085' (Well began flowing at 562' also tagged hard cement at 935'). Circulated hole clean with 5 bbls of fresh water. Hang back swivel. L/D 35 joints. Removed bit. TIH to 1081'. R/U cementers. Repumped plug #3 from 1081' to 660'. R/D cementers. L/D 13 joints and TOO with 10 stands. Shut in well with 150 psi on casing. Secured location.

5/29/25 Arrived on location. Held safety meeting. Completed spiral gas check for H₂S and other gas. Checked well pressures (50 psi on casing). TIH and tagged plug #3 at 857'. R/U cementing services. Continued pumping plug #3 from 857' to 520'. R/D cementers. L/D 10 joints and TOO with 8 stands. WOC 4 hours. TIH and tagged soft at 652'. L/D tubing. Last three joints of tubing were plugged. WOC 3 hours. TIH and tagged plug #3 at 852'. R/U cementing services. Continued pumping plug #3 from 852' to 515'. R/D cementing services. L/D 10 joints and TOO with 4 stands. Reverse circulated at 265' with 2.5

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5/30/25

Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Checked well pressures (40 psi on casing). TIH and tagged plug #3 at 745'. R/U cementing services. Established an injection rate of 0.25 bpm at 150 psi. Continued pumping plug #3 from 745' to 408'. R/D cementers. L/D 10 joints. R/U cementing services. Continued pumping plug #3 from 408' to 233'. L/D 5 joints. Reverse circulate at 233' with 2 bbls of fresh water. TOOH. Squeezed 1.7 bbls of fresh water to 150 psi. WOC 5 hours. TIH and tagged plug #3 at 582. R/U cementing services. Circulated well with 3 bbls of fresh water. Successfully pressure tested to 200 psi. L/D 18 joints. Shutdown and secured well.

5/31/25

Arrived on location. Held safety meeting. Completed spiral gas check for H2S and other gas. Checked well pressures (40 psi on casing). R/U wireline services. RIH and tagged plug #3 at 575'. POOH to 100'. Perforated at 100'. POOH. R/D wireline services. R/U cementing services. Established circulation down casing, into perforations at 100' and out the BH at surface. TIH to 178'. R/U cementing services. Pumped plug #4 from 178' to surface. L/D 5 joints. Shut in well and WOC. R/D floor and equipment. N/D BOP. R/U welder. Cut off old well head. Tagged plug #4 at 67' in the production casing and at 85' on the backside. Installed P&A marker. R/U cementing services. Topped off both casing strings with 23 sx. R/D and MOL.

Plug Summary:

Plug #1 Stage 1: Perforations, 2063' - 2060', 4 Sacks Type III Cement

R/U cementing services. Pumped plug #1 from 2063' to 1895'. R/D cementers. L/D tubing and TOOH. WOC 4 hours. TIH and tagged plug #1 at 2060'.

Plug #1 Stage 2: Pictured Cliff Formation Top, 2060' - 2001', 4 Sacks Type III Cement

R/U cementing services. Continued pumping plug #1 from 2060' to 1892'. TIH open ended. Tagged plug #1 at 2001'.

R/U cementing services. Attempted to pressure test casing but was unsuccessful. Pumped plug #2 from 1577' to 1409' to cover the FC formation top. TOOH. WOC 4 hours. TIH and tagged plug #2 at 1440'.

Plug #3 Stage 1: Kirtland Formation Top, 1081' - 857', 10 Sacks Type III Cement

R/U cementers. Repumped plug #3 from 1081' to 660'. R/D cementers. L/D 13 joints and TOOH with 10 stands. Shut in well with 150 psi on casing. TIH and tagged plug #3 at 857'.

Plug #3 Stage 2: 857' - 852', 8 Sacks Type III Cement

R/U cementing services. Continued pumping plug #3 from 857' to 520'. TIH and tagged soft at 652'. L/D tubing. Last three joints of tubing were plugged. WOC 3 hours. TIH and tagged plug #3 at 852'.

Plug #3 Stage 3: Ojo Alamo Formation Top, 852' - 745, 8 Sacks Type III Cement

R/U cementing services. Continued pumping plug #3 from 852' to 515'. TIH and tagged plug #3 at 745'.

Plug #3 Stage 4: 745' - 408', 8 Sacks Type III Cement

Continued pumping plug #3 from 745' to 408'.

Plug #3 Stage 5: 408' - 582', 4 Sacks Type III Cement

R/U cementing services. Continued pumping plug #3 from 408' to 233'. Reverse circulate at 233' with 2 bbls of fresh water. TOOH. Squeezed 1.7 bbls of fresh water to 150 psi. WOC 5 hours. TIH and tagged plug #3 at 582'.

Plug #4: Nacimiento Formation Top, 178' - Surface, 93 Sacks Type III Cement

POOH to 100'. Perforated at 100'. R/D wireline. R/U cementing services. Pumped plug #4 from 178' to surface. Cut off old well head. Tagged plug #4 at 67' in the production casing and at 85' on the backside. Installed P&A marker. R/U cementing services. Topped off both casing strings with 23 sx.

Completed Wellbore Diagram

MorningStar
El Paso #003
API: 30-045-21528
San Juan County, NM

Surface Casing
Size: 8.625" 24#
Depth: 127'
OH: 12.25"

Perforated @ 100'

Plug 4

178' - Surface
178 foot plug
93 Sacks of Type III Cement

Plug 3

1081' - 582'
499 foot plug
38 Sacks of Type III Cement

Plug 2

1577' - 1440'
137 foot plug
4 Sacks of Type III Cement

Plug 1

2063' - 2001'
62 foot plug
8 Sacks of Type III Cement

Perforations

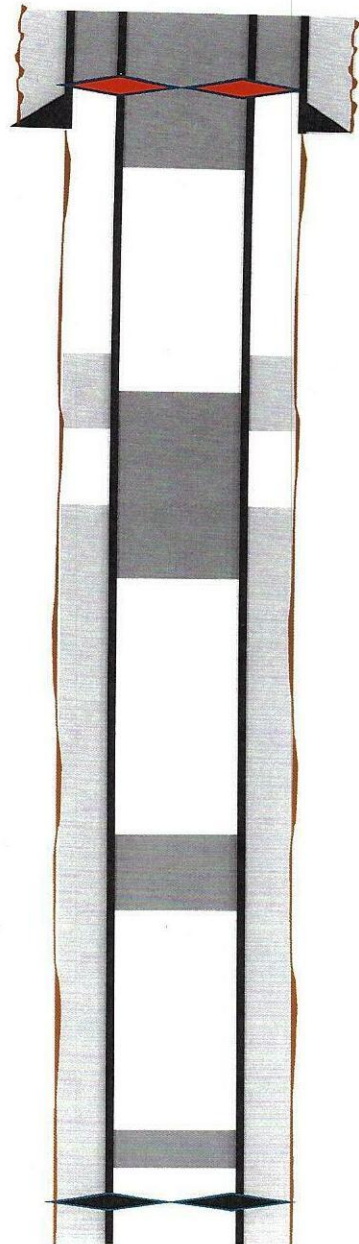
2098'-2058'

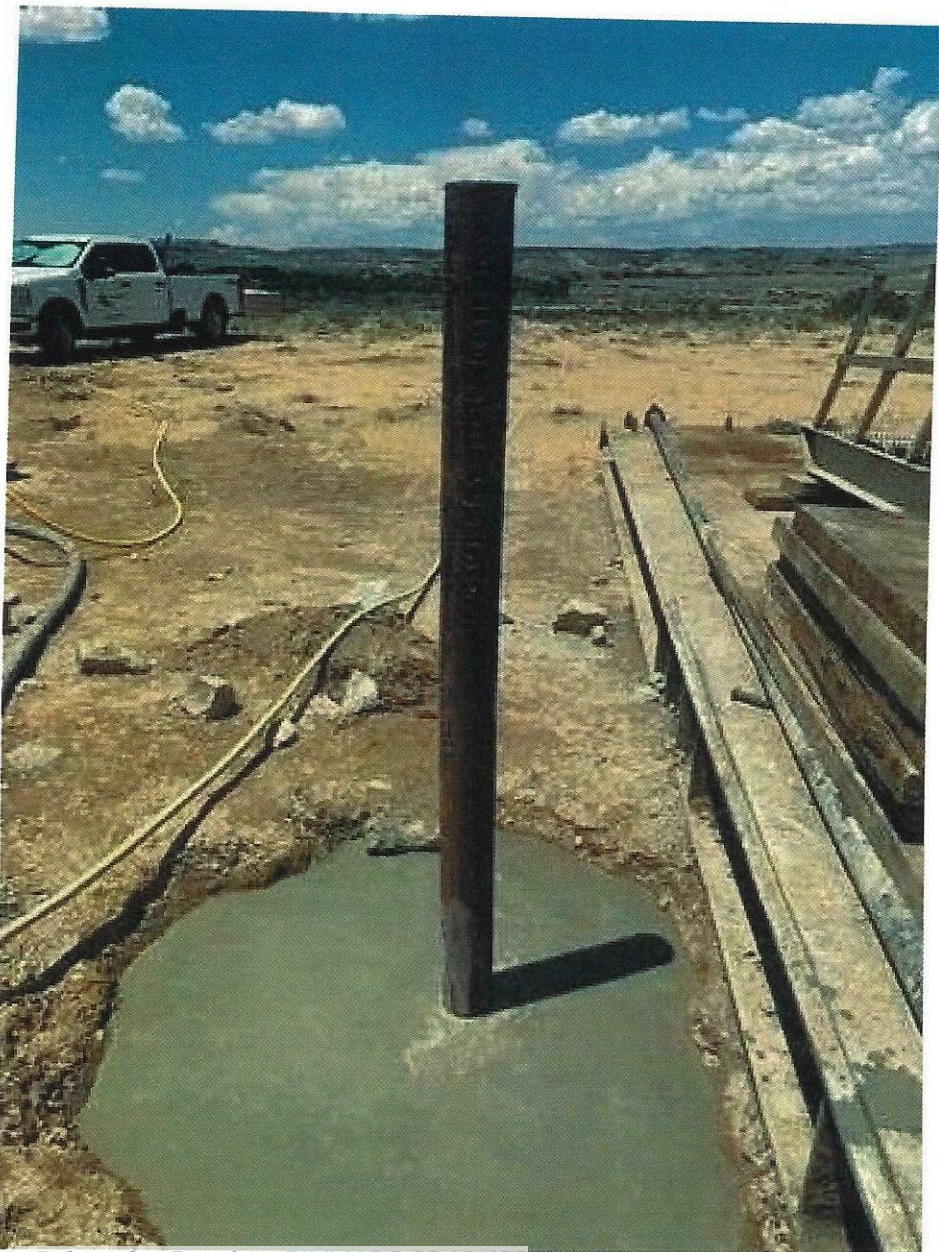
Estimated Formations

Nacimiento: Surface
Ojo Alamo: 770'
Kirtland: 1032'
Fruitland: 1527'
Pictured Cliffs: 2046'

Production Casing

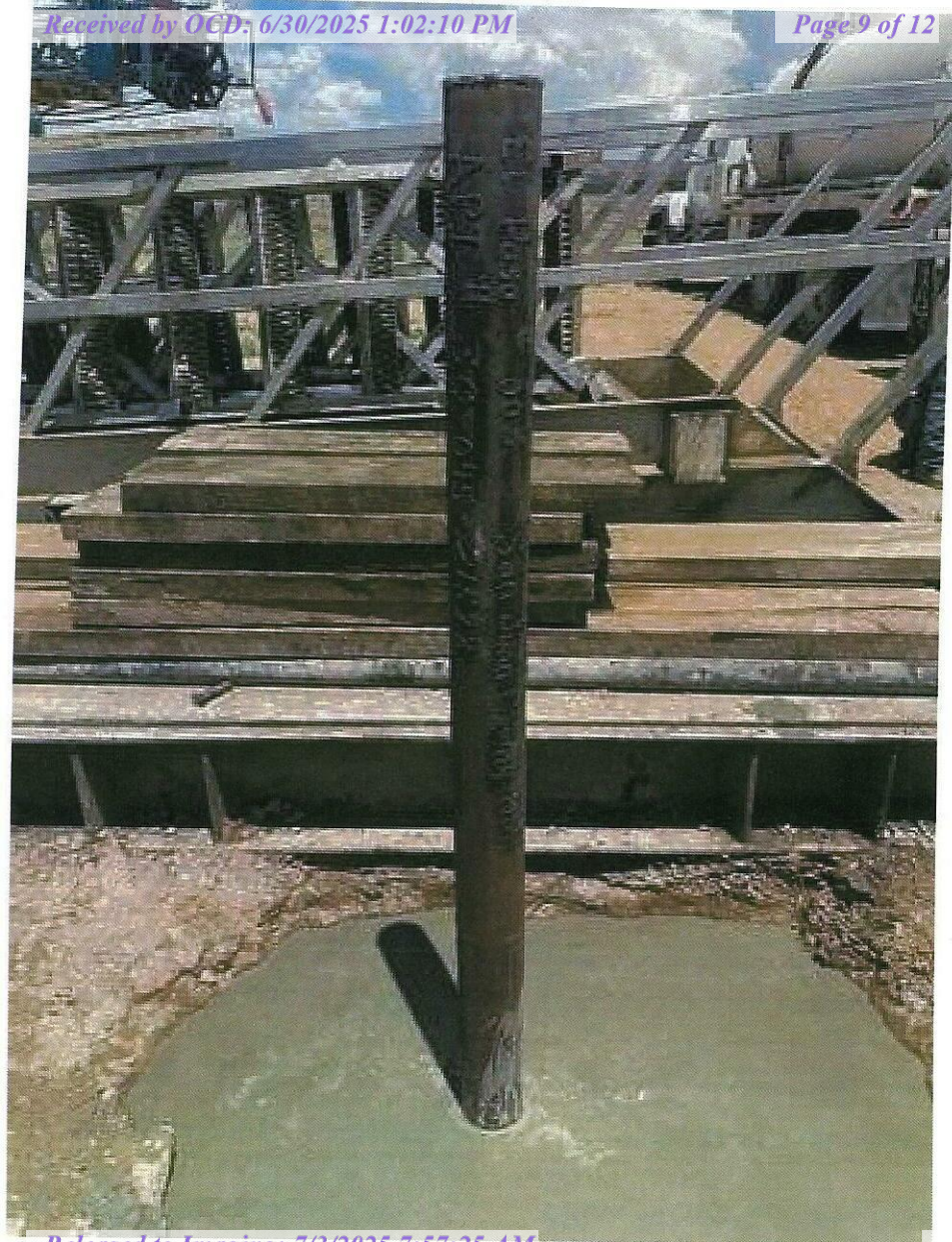
TD: 2164'
Size: 2.875" 6.4#





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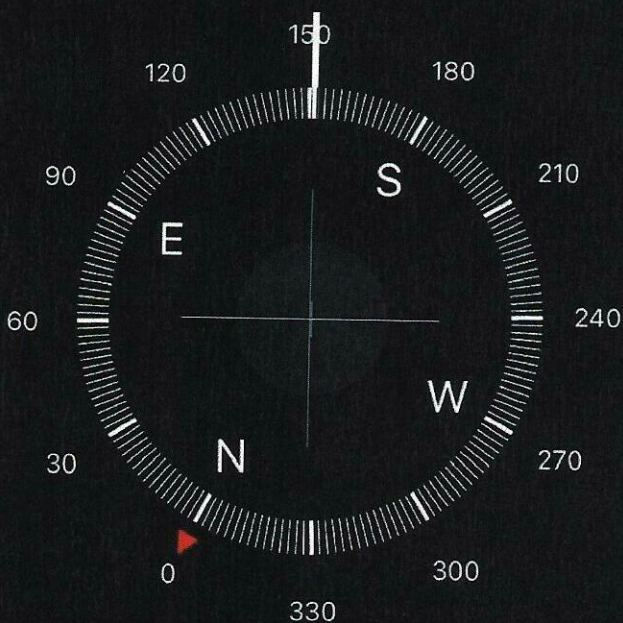
Figure 3: Marker





1:22

LTE 76



151° SE

36°42'43" N 107°48'31" W

Blanco, NM

5640 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 480269

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 480269
	Action Type: [C-103] Sub. Plugging (C-103P)

CONDITIONS

Created By	Condition	Condition Date
loren.diede	None	7/3/2025