

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	

Notice of Intent

Sundry ID: 2846513

Type of Submission: Notice of Intent	Type of Action: Plug and Abandonment
Date Sundry Submitted: 04/10/2025	Time Sundry Submitted: 10:04
Date proposed operation will begin: 07/01/2025	

Procedure Description: MorningStar Operating requests approval of the attached P&A procedure for the El Paso #3.

Surface Disturbance

Is any additional surface disturbance proposed?: No

NOI Attachments

Procedure Description

- El\_Paso\_3\_WBD\_Proposed\_PA\_04.09.2025\_20250410100349.pdf
- El\_Paso\_3\_WBD\_current\_04.09.2025\_20250410100335.pdf
- El\_Paso\_3\_Proposed\_PA\_Procedure\_04.09.2025\_20250410100320.pdf

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Conditions of Approval

Additional

El\_Paso\_No\_\_3\_Geo\_Rpt\_20250421113258.pdf

Authorized

General\_Requirement\_PxA\_20250422112128.pdf

2846513\_3\_3004521528\_NOI\_ABD\_KR\_04222025\_20250422112050.pdf

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: APR 10, 2025 10:04 AM

Name: MORNINGSTAR OPERATING LLC

Title: Regulatory Technician

Street Address: 400 W 7th St.

City: Forth WorthState: 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: Approved

Disposition Date: 04/22/2025

Signature: Kenneth Rennick



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Farmington District Office  
6251 College Boulevard, Suite A  
Farmington, New Mexico 87402  
<http://www.blm.gov/nm>



## CONDITIONS OF APPROVAL

April 22, 2025

### Notice of Intent – Plug and Abandonment

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**Operator:** Morningstar Operating LLC  
**Lease:** NMNM0560422  
**Well(s):** El Paso 3, US Well 30-045-21528  
**Location:** SWNW Sec 20 T29N R9W (San Juan County, NM)  
**Sundry Notice ID #:** 2846513

The Notice of Intent to Plug and Abandon is accepted with the following Conditions of Approval (COA):

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Lease."
2. The following modification to your plugging program is to be made:
  - a. Modify the Plug 2 TOC to 670' to account for the BLM geologist's pick for the Ojo Alamo at 770'.
3. **Notification:** Farmington Office is to be notified at least 24 hours before the plugging operations commence at (505) 564 7750.

You are also required to place cement excesses per 4.2 and 4.4 of the attached General Requirements.

Office Hours: 7:45 a.m. to 4:30 p.m.

K. Rennick 4/22/2025

BLM - FFO - Geologic Report

Date Completed 4/21/2025

Well No.	El Paso No. 3	Surf. Loc.	2210	FNL	620	FWL
Lease No.	NMSF0560422		Sec	20	T29N	R9W
Operator	Morningstar Operating LLC	County	San Juan	State	New Mexico	
TVD	2164	PBTD	2154	Formation:	Aztec Pictured Cliffs	
Elevation	GL			Elevation	Est. KB	5655

Geologic Formations	Est. tops	Subsea Elev.	Remarks
Nacimiento Fm.	Surface		Surface /fresh water sands
Ojo Alamo Ss	770	4885	Fresh water aquifer
Kirtland Fm.	1032	4623	
Fruitland Fm.	1527	4128	Coal/gas/possible water
Pictured Cliffs	2046	3609	Possible gas/water

Remarks:

-Vertical wellbore, all formation depths are TVD from KB at the wellhead.  
-Modify the Plug 2 TOC to 670' to account for the BLM geologist's pick for the Ojo Alamo.

Reference Well:

Morningstar Operating LLC  
Same

Prepared by: Walter Gage

**GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON FIELD OFFICE**

1.0 The approved plugging plans may contain variances from the following minimum general requirements.

1.1 Modification of the approved plugging procedure is allowed only with the prior approval of the Authorized Officer, Farmington Field Office.

1.2 Requirements may be added to address specific well conditions.

2.0 Materials used must be accurately measured. (densometer/scales)

3.0 A tank or lined pit must be used for containment of any fluids from the wellbore during plugging operations and all pits are to be fenced with woven wire. These pits will be fenced on three sides and once the rig leaves location, the fourth side will be fenced.

3.1 Pits are not to be used for disposal of any hydrocarbons. If hydrocarbons are present in the pit, the fluids must be removed prior to filling in.

4.0 All cement plugs are to be placed through a work string. Cement may be bull-headed down the casing with prior approval. Cement caps on top of bridge plugs or cement retainers may be placed by dump bailer.

4.1 The cement shall be as specified in the approved plugging plan.

4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.3 Surface plugs may be no less than 50' in length.

4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.

4.5 All cement plugs placed to fill an open hole shall be of sufficient volume to fill a minimum of 100' of hole, as calculated from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug. In the absence of a caliper log, an excess of 100% shall be required.

**4.6 A cement bond log or other accepted cement evaluation tool is required to be run if one had not been previously ran or cement did not circulate to surface during the original casing cementing job or subsequent cementing jobs.**

5.0 All cement plugs spotted across, or above, any exposed zone(s), when; the wellbore is not full of fluid or the fluid level will not remain static, and in the case of lost circulation or partial returns during cement placement, shall be tested by tagging with the work string.

- 5.1 The top of any cement plug verified by tagging must be at or above the depth specified in the approved plan, without regard to any excess.
- 5.2 Testing will not be required for any cement plug that is mechanically contained by use of a bridge plug and/or cement retainer, if casing integrity has been established.
- 5.3 Any cement plug which is the only isolating medium, for a fresh water interval or a zone containing a prospectively valuable deposit of minerals, shall be tested by tagging.
- 5.4 If perforations are required below the surface casing shoe, a 30 minute minimum wait time will be required to determine if gas and/or water flows are present. If flow is present, the well will be shut-in for a minimum of one hour and the pressure recorded. Short or long term venting may be necessary to evacuate trapped gas. **If only a water flow occurs with no associated gas, shut well in and record the pressures. Contact the Engineer as it may be necessary to change the cement weight and additives.**

6.0 Before setting any cement plugs the hole needs to be rolled. All wells are to be controlled by means of a fluid that is to be of a weight and consistency necessary to stabilize the wellbore. This fluid shall be left in place as filler between all plugs.

- 6.1 Drilling mud may be used as the wellbore fluid in open hole plugging operations.
- 6.2 The wellbore fluid used in cased holes shall be of sufficient weight to balance known pore pressures in all exposed formations.

7.0 A blowout preventer and related equipment (BOPE) shall be installed and tested prior to working in a wellbore with any exposed zone(s); (1) that are over pressured, (2) where the pressures are unknown, or (3) known to contain H<sub>2</sub>S.

8.0 Within 30 days after plugging work is completed, file a Sundry Notice, Subsequent Report of Abandonment (Form 3160-5), through the Automated Fluid Minerals Support System (AFMSS) with the Field Manager, Bureau of Land Management, 6251 College Blvd., Suite A, Farmington, NM 87402. The report should show the manner in which the plugging work was carried out, the extent, by depth(s), of cement plugs placed, and the size and location, by depth(s), of casing left in the well. Show date well was plugged.

9.0 All permanently abandoned wells are to be marked with a permanent monument as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10.0 If this well is located in a Specially Designated Area (SDA), compliance with the appropriate seasonal closure requirements will be necessary.

All of the above are minimum requirements. Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1. You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

04.23.2025

## Proposed P&A Procedure

### El Paso 3 - 3004521528

*Notify Farmington BLM Office at least 24hrs in advance to plugging operations 505 564-7750*

All Cement Class G 15.8 ppg 1.15 cuft/sk yield

1. MIRU P&A services and slimhole workstring.
2. POOH tubing – LD tubing and packer. Send all tubing to salvage.
3. Run gauge ring to ~2020’.
4. Set CIBP/CICR ~2008’.
5. Circulate hole with BLM/NMOCD approved P&A fluid.
6. Run CBL from plug/retainer to surface. Send CBL to BLM/NMOCD and MSO Engineering.
  - a. Make necessary revisions to plugging plan if required by BLM/NMOCD and notify MSO Engineering. Ensure proper written notifications/revisions sent/received.
7. Plug 1 (PC Perfs/FC)
  - a. Spot **17sx** cement on top of CIBP.
    - i. From 2008’-1427’
8. Plug 2 (Kirtland/Ojo Alamo)
  - a. Pump balanced plug **12sx** cement.
    - i. From 1082-670’
9. Plug 3 (Surface shoe)
  - a. Perf ~177’
  - b. Attempt to establish circulation
    - i. If circulation established, pump **63sx** cement to fill 2.875” casing and hole annulus, and **6sx** cement inside 2.875” casing.
    - ii. If no circulation established, pump **6sx** cement inside 2.875” casing.
  - c. From 177’ to surface
  - d. Ensure cement at surface on all strings of casing, top off as needed.
10. Cut off wellhead below surface casing flange at depth as required by regulatory guidance.
11. Install P&A Marker.

**Estimated 98 sx cement total.**

Proposed P&A Procedure

04.09.2025

04.23.2025

*Please make sure all excess volumes are as follows:*

*4.2 All cement plugs placed inside casing shall have sufficient volume to fill a minimum of 100' of the casing, or annular void(s) between casings, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.*

*4.4 All cement plugs placed to fill annular void(s) between casing and the formation shall be of sufficient volume to fill a minimum of 100' of the annular space plus 100% excess, calculated using the bit size, or 100' of annular capacity, determined from a caliper log, plus an excess volume sufficient to provide for 50 linear feet of fill above the plug.*



# MorningStar Operating, LLC

**El Paso 3**  
**San Juan County, NM**  
**Unit E S20 T29N R09W**

## Slimhole 2 7/8"

TD – 2164' MD

12-1/4" hole  
Surface Csg: 3 jts 8-5/8" 24# J-55 and K-55  
Setting Depth: 127'

Cement:  
112 cuft cement  
Circulated cmt to surface

6.75" hole to 2164'  
Prod Csg: 71 jts 2 7/8" 6.4# J-55  
Setting Depth: 2164 ft

Cement:  
378 cuft cmt  
TOC from completions report 1025'

Perfs (PC):  
2058', 2068', 2086', 2098' 1 shot per zone  
Frac: 50,000# 20/40 sand and 51,000 gals treated water

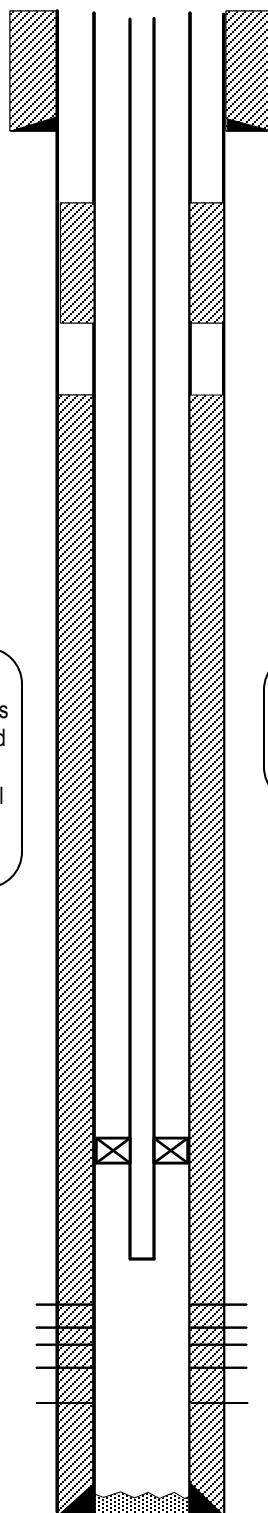
### Csg Squeeze (08/1985):

Squeeze cement casing failure 513-771' w/175 sx Class B cmt w/2% CaCl<sub>2</sub> and 1% TIC (190 cuft) – drill out and did not hold – isolate leak btwn 578-643' – squeeze 75 sx Class B cmt w/2% CaCl<sub>2</sub> and 1% TIC (88 cuft) – drill out and P test 600 psi – good test  
Clean out to bottom, set tubing and packer

### Prod Tbg (1985):

1.66" 2.33ppf tbg  
60 jts, packer, perf jt, 2 jts  
EOT ~2094' per

PC Perfs:  
2058-2098' (overall)



Prepared by: BBerry  
Date: 02.19.2025  
Updated: 04.09.2025  
04.23.2025

KB = ft  
GL = 5635 ft  
API# 30-045-21528

Spud Date: 01/06/1978

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

\*Tops from Prelim Review by BLM  
\*\*Tops from BLM COA

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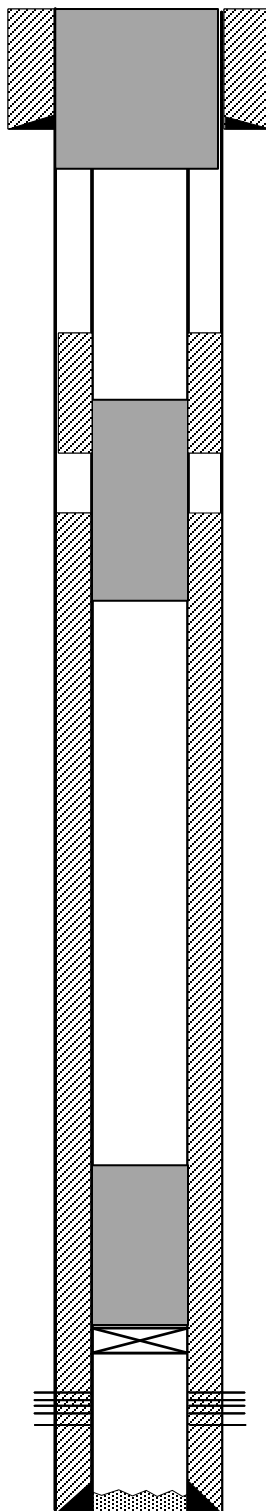
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Clean out to bottom, set tubing and packer

PC Perfs:  
2058-2098' (overall)

## Proposed P&A



Plug 3 (Surf Shoe) – Perf 177' – attempt to circulate – if circ achieved pump 63 sx cmt for pipe/hole section and 6 sx cmt to surface - if no circ, spot Plug 6 sx cmt 177' to surface

Plug 2 (Kirtland/Ojo) – Balance Plug 6 sx cmt (1082-670')

Plug 1 (PC perfs/FC) –Set CIBP Spot 16 sx cmt (2008'-1427')

Prepared by: BBerry  
Date: 02.19.2025  
Updated: 04.09.2025  
04.23.2025 from BLM COA

KB = ft  
GL = 5635 ft  
API# 30-045-21528

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\*\*Tops from BLM COA

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

General Information  
Phone: (505) 629-6116

Online Phone Directory  
<https://www.emnrd.nm.gov/ocd/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 455477

CONDITIONS

Operator: MorningStar Operating LLC 400 W 7th St Fort Worth, TX 76102	OGRID: 330132
	Action Number: 455477
	Action Type: [C-103] NOI Plug & Abandon (C-103F)

CONDITIONS

Created By	Condition	Condition Date
mkuehling	Extend plug 1 to cover PC top at 2046 50 feet below top - Notify NMOCD 24 hours prior to moving on - monitor string pressures daily report on subsequent - submit all logs prior to subsequent.	4/30/2025