

|                                |   |  |
|--------------------------------|---|--|
| Well Name: JICARILLA H         | Well Location: T24N / R4W / SEC 6 / SESE / 36.33458 / -107.292097 | County or Parish/State: RIO ARRIBA / NM  |
| Well Number: 7                 | Type of Well: CONVENTIONAL GAS WELL                               | Allottee or Tribe Name: JICARILLA APACHE |
| Lease Number: JIC111           | Unit or CA Name:  | Unit or CA Number:                       |
| US Well Number: 300390561300S1 | Operator: SOUTHLAND ROYALTY COMPANY                               |  |

### Notice of Intent

**Sundry ID:** 2892961

**Type of Submission:** Notice of Intent

**Type of Action:** Plug and Abandonment

**Date Sundry Submitted:** 01/27/2026

**Time Sundry Submitted:** 10:54

**Date proposed operation will begin:** 10/01/2026

**Procedure Description:** MorningStar Operating requests approval for the attached P&A procedure for the Jicarilla H #7. Also attached are the current and proposed WBDs.

### Surface Disturbance

**Is any additional surface disturbance proposed?:** No

### NOI Attachments

#### Procedure Description

[Jicarilla\\_H\\_\\_7\\_Proposed\\_PA\\_WBD\\_01.26.2026\\_20260127105337.pdf](#)

[Jicarilla\\_H\\_\\_7\\_Current\\_WBD\\_01.26.2026\\_20260127105323.pdf](#)

[Jicarilla\\_H\\_\\_7\\_Proposed\\_PA\\_procedure\\_01.26.2026\\_20260127105313.pdf](#)

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Well Location: T24N / R4W / SEC 6 /  
SESE / 36.33458 / -107.292097County or Parish/State: RIO  
ARRIBA / NM

Well Number: 7

Type of Well: CONVENTIONAL GAS  
WELLAllottee or Tribe Name:  
JICARILLA APACHE

Lease Number: JIC111

Unit or CA Name:

Unit or CA Number:

US Well Number: 300390561300S1

Operator: SOUTHLAND ROYALTY  
COMPANY

## Conditions of Approval

### Specialist Review

2892961\_H\_7\_3003905613\_NOIA\_KR\_01282026\_20260128094239.pdf

General\_Requirement\_PxA\_20260128093705.pdf

Jicarilla\_H\_7\_Geo\_KR\_20260128093653.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: JAN 27, 2026 10:53 AM

Name: SOUTHLAND ROYALTY COMPANY

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: Approved

Disposition Date: 01/28/2026

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

January 28, 2026

### Notice of Intent – Plug and Abandonment

**Operator:** MorningStar Operating LLC  
 AFMSS Operator Southland Royalty Company

**Lease:** JIC111

**Well(s):** Jicarilla H 7, US Well # 30-039-05613  
**Sundry Notice ID #:** 2892961

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 modifications to your plugging program are to be made:
  - a. Modify top of Plug 1 to 2020'. Account for the BLM's Ojo Alamo top at 2120'.
  - b. Modify top of Plug 2 to 910', keep the bottom of cement to 1125'. Account for the BLM's Ojo Alamo top at 1010'.
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.

K. Rennick 1/28/2026

## BLM - FFO - Geologic Report

Date Completed

1/28/2026

Well No. Jicarilla H 7  
 US Well No. 30-039-05613  
 Lease No. JIC111

Operator MorningStar Operating Formation Blanco P.C. South  
 AFMSS Operator Southland Royalty Company

| Geologic Formations | Est. tops | Remarks |
|---------------------|-----------|---------|
| Surface Casing      | 96        |         |
| Nacimiento          | 1010      |         |
| Ojo Alamo           | 2120      |         |
| Kirtland            | 2270      |         |
| Fruitland Fm        | 2480      |         |
| Pictured Cliffs     | 2822      |         |
| Top Perforation     | 2823      |         |
| Bottom              | 2848      |         |

Remarks:

Modify top of Plug 1 to 2020'. Account for the BLM's Ojo Alamo top at 2120'.  
 Modify top of Plug 2 to 910', keep the bottom of cement 1125'. Account for the BLM's Ojo Alamo top at 1010'.

Reference Well:

Same

Prepared by: Kenneth Rennick

**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.

Proposed P&A Procedure\_01.28.2026\_Rev w BLM COAs

Proposed P&A Procedure

Jicarilla H #7 API 3003905613

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

*No NMOCD notifications are required for this well.*

- All Cement Class G 15.8 ppg 1.15 cuft/sk yield
- All plug calculations/height of plugs include excess cement volumes as per 4.2 and 4.4 of the "General Requirements for Permanent Abandonment of Wells On Federal and Indian Lease Farmington Field Office"
- Tbg, Csg, and Bradenhead pressure to be recorded and reported on each daily report to include the initial move in pressures
- CaCl<sub>2</sub> will be used for plugs requiring WOC
- Casing Pressure Testing will be completed to 500 psi
  - After setting CIBP/CICR above producing interval (Plug 1)
  - Before pumping each subsequent cement plug (between plug 1 and surface plug)
    - Surface plug no pressure test – pumping/circulating cement to surface
  - For each plug, if casing pressure test successful, pump required cement volume and required displacement and move to next plug, circulating tubing clean as required
  - For each plug, if casing pressure test failed, pump required cement volume and required displacement, move tubing uphole and circulate tubing clean as required - WOC 4 hrs, tag cement and confirm good tag with BLM onsite representative before moving to next plug
- A successful casing pressure test allows for 10% pressure loss in 10 min

## Proposed P&amp;A Procedure\_01.28.2026\_Rev w BLM COAs

**Proposed Procedure**

1. Notify 24 hrs in advance of rig move-in as noted.
2. MIRU P&A rig, ancillary equipment and 2 3/8" workstring.
3. Pull existing tbg OOH laying down. Pick up and talley workstring.
4. MIRU wireline. Run gauge ring to ~2800'.
5. Set CICR/CIBP ~2773'.
6. Load/top off hole with FW in preparation for CBL.
  - a. Keep hole loaded as necessary to ensure CBL run to surface.
7. Run CBL from CIBP/CICR to surface. Send CBL for review to [krennick@blm.gov](mailto:krennick@blm.gov), [vlucero@blm.gov](mailto:vlucero@blm.gov), [rberry@txopartners.com](mailto:rberry@txopartners.com).
  - a. Revise plugging plan if required.
8. Plug 1 (PC perfs/FC/Kirtland/Ojo Alamo)
  - a. Balance plug **90sx** cement plug from 2773-2020'.
9. Plug 2 (Nacimiento)
  - a. Perforate 1125'.
  - b. Attempt to establish Injection...
    - i. if none, drop down spot plug from 1175' inside casing estimated **33sx** cmt.
    - ii. If established, pump outside plug **22sx** and inside plug **27sx**.
    - iii. Plug 1125-910'
10. Plug 3 (surface shoe circulation attempt)
  - a. Perforate 157'.
  - b. Attempt to establish circulation...
    - i. if none, drop down to 207' and pump balance plug to surface **27sx** cmt.
    - ii. If established, pump outside plug **29sx** and inside plug **21sx**.
  - c. Ensure cement at surface on all strings of casing, top off as needed.
11. Cut off wellhead below surface casing flange.
12. Install P&A Marker.

**Estimated 132 sx to 183 sx cement needed in total.**

Proposed P&A Procedure\_01.28.2026\_Rev w BLM COAs

*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

Jicarilla H #7  
S06 T24N R04W  
Rio Arriba County, NM

TD – 2932' MD

10.5" hole to 107' KB  
Surface Csg: 8-5/8" 24# J-55  
Setting Depth: 107' KB

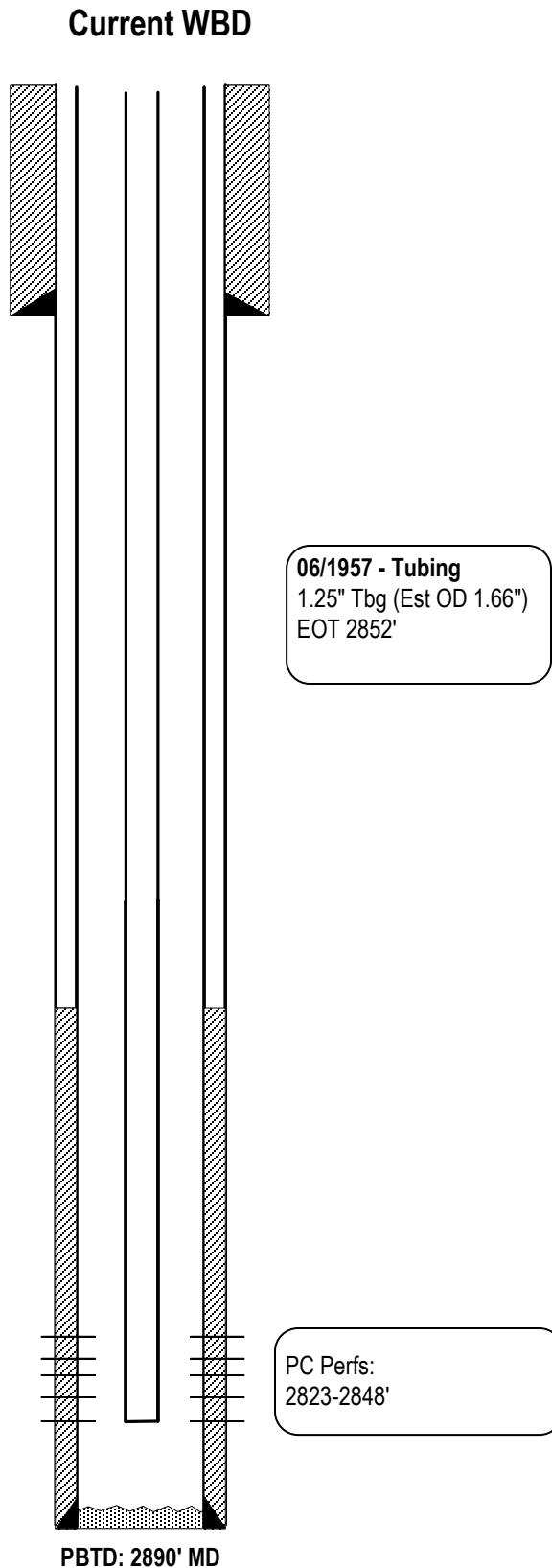
Cement  
70 sx – Circulated cement to surf

7.25" hole to 2931'  
Prod Csg: 5-1/2" 15.5# J55  
Setting Depth: 2931'

Cement  
100 sx

TOC Est from Temp Survey ~2140' 06/11/1957

PC Frac:  
27,000 gal water 30,000# sand



Prepared by: BBerry  
Date: 01.19.2026

GL = 6794 ft  
API# 30-039-05613

Spud Date: 05.31.1957

\*Nacimiento: 1010'  
\*Ojo Alamo: 2120'  
\*Kirtland: 2270'  
\*Fruitland: 2480'  
\*Pictured Cliffs: 2822'

\*From BLM COA Geo Pics

# MorningStar Operating, LLC

Jicarilla H #7  
S06 T24N R04W  
Rio Arriba County, NM

TD – 2932' MD

10.5" hole to 107' KB  
Surface Csg: 8-5/8" 24# J-55  
Setting Depth: 107' KB

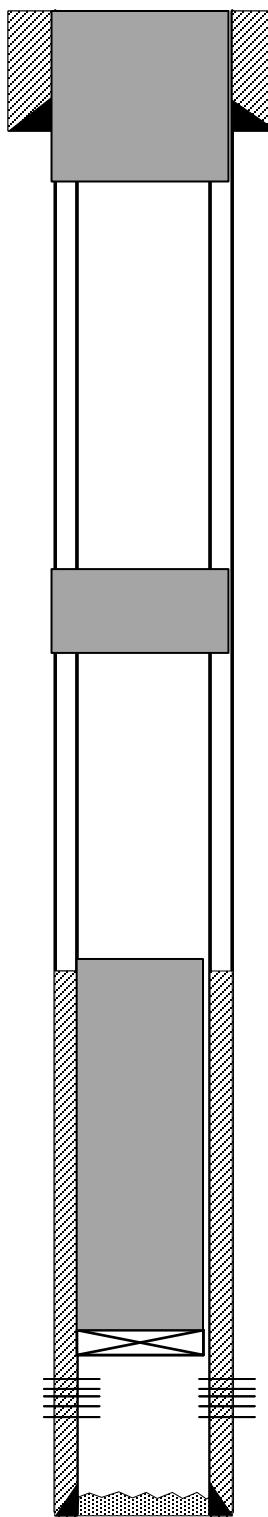
Cement  
70 sx – Circulated cement to surf

7.25" hole to 2931'  
Prod Csg: 5-1/2" 15.5# J55  
Setting Depth: 2931'

Cement  
100 sx

TOC Est from Temp Survey ~2140' 06/11/1957

## Proposed P&A WBD



PBTD: 2890' MD

### Plug 3 (Surf Csg Shoe)

Perf 157' attempt to establish circ – if circ established, pump 29 sx cmt outside plug plus 20 sx cmt inside plug – if no inj drop down to 207' and pump balance plug 27sx cmt 157-0'

### Plug 2 (Nacimiento)

Perf 1125' attempt to establish injection – if inj established, pump 22sx cmt outside plug plus 25 sx cmt inside plug – if no inj drop down to 1175' and pump balance plug 33sx cmt WOC Tag Plug – (1125-910')

### Plug 1 (PC perfs/FC/Kirtland/Ojo Alamo)

Set CICR/CIBP ~2773'  
Balance Plug 90sx cmt  
WOC Tag Plug – (2773-2020')

PC Perfs:  
2823-2848'

Prepared by: BBerry  
Date: 01.19.2026

GL = 6794 ft  
API# 30-039-05613

Spud Date: 05.31.1957

\*Nacimiento: 1010'  
\*Ojo Alamo: 2120'  
\*Kirtland: 2270'  
\*Fruitland: 2480'  
\*Pictured Cliffs: 2822'

\*From BLM COA Geo Pics

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 550778

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br><br>MorningStar Operating LLC<br>400 W 7th St<br>Fort Worth, TX 76102 | OGRID:<br>330132                                    |
|  | Action Number:<br>550778                            |
|  | Action Type:<br>[C-103] NOI Plug & Abandon (C-103F) |

**CONDITIONS**

| Created By  | Condition   | Condition Date |
|-------------|---|----------------|
| loren.diede | Notify the OCD inspection supervisor via email 24 hours prior to beginning Plug & Abandon (P&A) operations. | 2/9/2026       |
| loren.diede | Submit CBL tif file to NMOCD via electronic permitting  | 2/9/2026       |
| loren.diede | Submit photo and GPS coordinates of the P&A marker to NMOCD with the C-103P subsequent P&A report.          | 2/9/2026       |