

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well  
GAS

2. Name of Operator  
MERIDIAN OIL

3. Address & Phone No. of Operator  
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M  
870' FSL, 1675' FEL, Sec.22, T-27-N, R-9-W, NMPM

5. Lease Number  
SF-078356

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

Huerfanito Unit

8. Well Name & Number  
Huerfanito Unit #54

9. API Well No.  
30-045-06314

10. Field and Pool  
So Blanco Pictured Cliff

11. County and State  
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☒ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☐ Other -

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
NOV - 6 1995  
OIL CON. DIV.  
DIST. 3

RECEIVED  
NOV 9 1995  
DISTRICT MANAGER, NM

14. I hereby certify that the foregoing is true and correct.

Signed [Signature] (ROS1) Title Regulatory Administrator Date 10/23/95

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

NOV 02 1995

DISTRICT MANAGER

NMOCD

## PLUG & ABANDONMENT PROCEDURE

10-9-95

Huerfanito Unit #54  
So. Blanco Pictured Cliffs  
SE Section 22, T-27-N, R-09-W  
San Juan Co., New Mexico

Note: All cement volumes use 100% excess outside pipe and 50' excess inside pipe. The stabilizing wellbore fluid will be 8.3 ppg, sufficient to balance all exposed formation pressures.

1. Install and test location rig anchors. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. MOL and RU daylight pulling unit. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. ND wellhead and NU BOP. Test BOP.
3. POH and LD 1" tubing (102 jts @ 2213'); visually inspect. PU 2-3/8" tubing workstring.
4. **Plug #1 (Pictured Cliffs perforations, Pictured Cliffs and Fruitland Coal tops, 2197' - 1848')**: RIH with open ended tubing to 2197'. Pump 15 bbls water. Mix 48 sx Class B cement and spot a balanced plug from 2197' to 1848' over the Pictured Cliffs perforations. Pull out of hole and WOC. PU 5-1/2" casing scraper or wireline gauge ring and round trip to 1300'. RIH and tag cement. Load well with water and circulate clean. Pressure test casing to 500#. POH with tubing.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 1590' - 1365')**: Perforate 4 squeeze holes at 1442'. Establish rate into squeeze holes if casing tested. PU 5-1/2" cement retainer and RIH; set at 1300'. Establish rate into squeeze holes. Mix and pump 84 sx Class B cement, squeeze 57 sx cement outside casing from 1442' to 1250' and leave 27 sx cement inside casing. POH and LD tubing and setting tool.
6. **Plug #3 (Surface)**: Perforate 2 holes at 155'. Establish circulation out bradenhead valve. Mix approximately 43 sx Class B cement and pump down 5-1/2" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
7. ND BOP and cut off wellhead below surface casing flange. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

\_\_\_\_\_  
Production Superintendent

# Huerfanito Unit #54

**CURRENT**

**So. Blanco Pictured Cliffs**

**SE Section 22, T-27-N, R-9-W, San Juan County, NM**

Today's Date: 10/9/95  
Spud: 5/31/56  
Completed: 9/22/56

Nacimiento @  
Surface

12-1/4" hole

8-5/8", 24.0#, J-55, Csg set @ 105',  
Cmt w/70 sx (Circulated to Surface)

102 jts 1", tbg set @ 2213'

Ojo Alamo @ 1300'  
Kirtland @ 1392'

Top of Cmt @ 1782' (75%)

Fruitland @ 1898'

Pictured Cliffs @ 2116'

Pictured Cliffs Perforations:  
2175' - 2197', Total 88 holes

7-7/8" hole

**TD @ 2293'**

5-1/2", 15.5#, J-55, Csg set @ 2293',  
Cmt w/100 sx

# Huerfanito Unit #54

## PROPOSED

So. Blanco Pictured Cliffs

SE Section 22, T-27-N, R-9-W, San Juan County, NM

Today's Date: 10/9/95  
Spud: 5/31/56  
Completed: 9/22/56

Nacimiento @  
Surface

12-1/4" hole

155'

8-5/8", 24.0#, J-55, Csg set @ 105',  
Cmt w/70 sx (Circulated to Surface)  
**Perf @ 155'**

**Plug #3:** 155' - Surface.  
Cmt w/43 sx Class B Cmt

1250'

Ojo Alamo @ 1300'  
Kirtland @ 1392'

1442'

**CR @ 1300'**

**Perf @ 1442'**

**Plug #2:** 1442' - 1250',  
Cmt w/84 sx Class B Cmt,  
57 sx outside csg, 27 sx inside csg

1848'

Fruitland @ 1898'

**Top of Cmt @ 1782' (75%)**

**Plug #1:** 2197' - 1848',  
Cmt w/48 sx Class B Cmt

Pictured Cliffs @ 2116'

2197'

**Pictured Cliffs Perforations:**  
2175' - 2197', Total 88 holes

7-7/8" hole

**TD @ 2293'**

5-1/2", 15.5#, J-55, Csg set @ 2293',  
Cmt w/100 sx