

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
1085' FSL, 925' FWL, Sec. 25, T-27-N, R-9-W, NMPM

5. Lease Number
I-149-IND-8473
6. If Indian, All. or
Tribe Name
Navajo
7. Unit Agreement Name
Huerfanito Unit
8. Well Name & Number
Huerfanito Unit #46
9. API Well No.
30-045-06206
10. Field and Pool
So Blanco Pict. Cliffs
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.

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

Signed [Signature] (ROS1) Title Regulatory Administrator Date 11/29/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED

DEC 04 1995

DISTRICT MANAGER

NMOGD

PLUG & ABANDONMENT PROCEDURE

11-27-95

Huerfanito Unit #46
South Blanco Pictured Cliffs
SW Section 25, 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. **Plug #1 (Pictured Cliffs perforations and Fruitland top, 2219' - 1957')**: Perforate 4 squeeze holes at 2140'. PU and RIH with 1-1/4" open ended tubing to 2269' or as deep as possible. Pump 20 bbls water and attempt to establish circulation. Mix and spot 40 sx Class B cement over Pictured Cliffs perforations and squeeze holes; pull out of cement and then squeeze 14 sx cement outside 3-1/2" casing and leave cement above the Fruitland top. POH with tubing and WOC. While WOC, PU 3-1/2" wireline gauge ring or casing scraper and round trip to 1500'. RIH and tag cement. Load and pressure test 3-1/2" casing to 500#. POH with tubing.
4. **Plug #2 (Kirtland and Ojo Alamo tops, 1500' - 1240')**: Perforate 2 squeeze holes in 3-1/2" casing at 1500'. Establish rate into squeeze holes if casing tested. PU 3-1/2" cement retainer and set at 1435'. Mix and pump 31 sx Class B cement, squeeze 18 sx cement into 3-12" x 5-1/2" casing annulus and leave 13 sx cement inside casing to 1240' over Ojo Alamo top. POH and LD tubing.
5. **Plug #3 (Surface)**: Perforate 2 squeeze holes at 151'. Establish circulation out 3-1/2" X 5-1/2" annulus casing valve. Mix approximately 15 sx Class B cement and pump down 3-1/2" casing, circulate good cement out casing valve. Shut in well and WOC.
6. ND BOP and cut off wellhead below surface casing flange. Fill casings as necessary. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:


Operations Engineer

Approval:

Production Superintendent

Huerfanito Unit #46

Current

S. Blanco Pictured Cliffs

SW Section 25, T-27-N, R-9-W, San Juan County, NM

Today's Date: 11/27/95

Spud: 1/12/56

Completed: 2/11/56

12-1/4" hole

8-5/8", 24.0#, J-55, 8rd, Csg set @ 101',
Cmt w/70 sx (Circulated to Surface)

Hole in csg at 147',
squeeze 75 sx cmt

WORKOVER: February 1993

Pull 1" tubing; set CIBP at 2065', perf
at 1485'; CR at 1438, sqzd w/80 sx;
csg leak at 147'; sqzd w/75 sx. circ
to surface. Drill out cmt, CR, and CIBP.
Drill to 2400'; set 3-1/2" casing @
2355'; cmt w/55 sx; CBL @ 2145'

Ojo Alamo @ 1290'

Kirtland @ 1435'

Perforate at 1485',
squeeze 80 sx cmt

Top of Cmt @ 1624' (Calc. 75%)

Fruitland @ 2007'

7-7/8" Hole

5-1/2", 14.0 & 15.5#, J-55, 8rd, Csg set @ 2135',
Cmt w/100 sx

TOC @ 2145' (CBL)

Pictured Cliffs Perfs: 2154' - 2219'

3-1/2", 9.3#, L-80, Csg set @ 2355',
Cmt w/55 sx

Pictured Cliffs @ 2147'

4-3/4" Hole

PBTD 2320'

TD 2400'

Huerfanito Unit #46

Proposed P & A

S. Blanco Pictured Cliffs

SW Section 25, T-27-N, R-9-W, San Juan County, NM

Today's Date: 11/27/95

Spud: 1/12/56

Completed: 2/11/56

