

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
1590' FSL, 1700' FWL, Sec.8, T-25-N, R-7-W, NMPM

5. Lease Number
SF-079973
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Donohue #2
9. API Well No.
30-039-21178
10. Field and Pool
Ballard Pictured Cliffs
11. County and State
Rio Arriba 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 3/19/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

RECEIVED
APR - 1 1996
OIL CON. DIV.
DIST. 3

APPROVED
MAR 26 1996
DISTRICT MANAGER

PLUG & ABANDONMENT PROCEDURE

Donohue #2
Ballard Pictured Cliffs
SW Section 8, T-25-N, R-07-W
Rio Arriba 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. Prepare blow pit. Comply to all NMOCD, BLM, and MOI regulations.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary.
3. Install cementing valve. Open bradenhead valve. Establish rate down 2-7/8" casing with 25 bbls water. Record pump rate & pressure. Monitor bradenhead for flow. If no flow or blow pump 2 frac balls (total of 7 perforations) in additional water and monitor pressure, rate, and volumes pumped to confirm perforations taking water and there is not a casing leak. If there are indications of a casing leak, then use 1-1/4" tubing to plug well.
4. **Plug #1 (Pictured Cliffs, Fruitland, Kirtland, Ojo Alamo tops; 2311' - 1000')**: Establish rate into Pictured Cliffs perforations with water. Mix and pump 44 sx class B cement. Bull head down 2-7/8" casing from surface. Displace inside casing with water to 1000'. Shut in casing valve and WOC. RIH with wireline gauge ring and tag top of cement plug. POOH with wireline. Pressure test casing to 500 psi.
5. **Plug #2 (Surface, 167' - Surface)**: Perforate 2 holes @ 167'. Establish circulation out bradenhead valve. Mix approximately 45 sx class cement and pump down 2-7/8" casing. Circulate good cement out bradenhead valve. Shut in well. WOC.
6. 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

Donohue #2

Current

Ballard Pictured Cliffs

SW Section 8, T-25-N, R-7-W, Rio Arriba Co., NM

Todays Date: 3-11-96
Spud: 4-8-76
Completed: 8-3-76

Nacimiento @
Surface

12-1/4" Hole

8-5/8", 24.0#, J-55, 8rd, Csg set @ 117'.
Cmt w/106 cf (Circulated to surface)

TOC @ 1200' (TS)

Ojo Alamo @ 1635'

Kirtland @ 1703'

Fruitland @ 2054'

Pictured Cliffs @ 2220'

Pictured Cliffs Perforations:
2223' - 2311', Total 7 holes

2-7/8", 6.4#, H-40, 10rd, Csg @ 2359',
Cmt w/259 cf

6-3/4" Hole

PBTD 2350'

TD 2359'

Donohue #2
Proposed
Ballard Pictured Cliffs
SW Section 8, T-25-N, R-7-W, Rio Arriba Co., NM

Todays Date: 3-11-96
Spud: 4-8-76
Completed: 8-3-76

Nacimiento @
Surface

12-1/4" Hole

167'

1000'

8-5/8", 24.0#, J-55, 8rd, Csg set @ 117'.
Cmt w/106 cf (Circulated to surface)

Perforate @ 167'

Plug #2: 167' - Surface.
Cmt w/45 sx Class B Cmt

TOC @ 1200' (TS)

Ojo Alamo @ 1635'

Kirtland @ 1703'

Plug #1: 2311' - 1000',
Cmt w/44 sx Class B Cmt

Fruitland @ 2054'

Pictured Cliffs @ 2220'

Pictured Cliffs Perforations:
2223' - 2311', Total 7 holes

2-7/8", 6.4#, H-40, 10rd, Csg @ 2359',
Cmt w/259 cf

6-3/4" Hole

PBTD 2350'

TD 2359'