

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM MAIL ROOM

Sundry Notices and Reports on Wells

55 SEP -6 PM 1:53

1. Type of Well
GAS

070 FARMINGTON, NM

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
1170' FNL, 1700' FEL, Sec.1, T-24-N, R-7-W, NMPM

5. Lease Number
SF-078922
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
Canyon Largo Unit
8. Well Name & Number
Canyon Largo U NP #219
9. API Well No.
30-039-20766
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

Type of Action

- | | | |
|--|---|--|
| <input checked="" type="checkbox"/> Notice of Intent | <input checked="" type="checkbox"/> Abandonment | <input type="checkbox"/> Change of Plans |
| <input type="checkbox"/> Subsequent Report | <input type="checkbox"/> Recompletion | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Final Abandonment | <input type="checkbox"/> Plugging Back | <input type="checkbox"/> Non-Routine Fracturing |
| | <input type="checkbox"/> Casing Repair | <input type="checkbox"/> Water Shut off |
| | <input type="checkbox"/> Altering Casing | <input type="checkbox"/> Conversion to Injection |
| | <input type="checkbox"/> Other - | |

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
SEP 19 1995

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (ROS3) Title Regulatory Administrator Date 9/5/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

SEP 15 1995

DISTRICT MANAGER

NMOCD

PLUG & ABANDONMENT PROCEDURE

8/29/95

**Canyon Largo Unit NP #219
Ballard Pictured Cliffs
NE Section 1, T-24-N, R-07-W
Rio Arriba, 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. Install cementing valve. Open bradenhead valve. Establish rate down 2-7/8" casing with 15 bbls water, record pump rate and pressure. Monitor bradenhead for flow. If no flow or blow, then pump six 7/8" RCN balls (total of 16 perforations) in additional water and monitor pressure, rate, and volumes pumped to confirm perforations taking water and there in not a casing leak. If bradenhead flows water or there are other indications of a casing leak, then use 1-1/4" tubing to plug well.
4. **Plug #1 (Pictured Cliffs, Fruitland, Kirtland, and Ojo Alamo tops, 2478' to 1000'):** Establish rate into Pictured Cliffs perforations with water. Mix and pump 49 sx Class B cement (20% excess) and bullhead down 2-7/8" casing from surface; displace inside casing with water to 1000' to cover Pictured Cliffs perforations, Fruitland, Kirtland, and Ojo Alamo tops. Shut in casing valve and WOC. RIH with wireline gauge ring and tag top of cement. POH with wireline. Pressure test 2-7/8" casing to 500#.
5. **Plug #2 (Nacimiento to Surface).** Perforate 2 holes @ 225'. Establish circulation out bradenhead valve. Mix approximately 65 sx class B 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 collar. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended: _____

Operations Engineer



Approval: _____

Production Superintendent

Canyon Largo Unit NP #219

CURRENT

Ballard Pictured Cliffs

Section 1, T-24-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/29/95

Spud: 8/27/73

Completed: 1/23/74

Nacimiento @ 175'

12-3/4" hole

8-5/8", 24.0#, J-55, 8rd, Csg set @ 135',
Cmt w/90 sx (Circulated to Surface)

Ojo Alamo @ 1780'

7-7/8" hole

Top of Cmt @ 1740' (TS)

Changed Drill Bit from 7-7/8" to 6-3/4" @ 1760'

Kirtland @ 1940'

Fruitland @ 2226'

Pictured Cliffs @ 2428'

PBTD 2517'

6-3/4" hole

TD 2528'

Pictured Cliffs Perforations:
2462' - 2478', Total 16 holes

2-7/8", 6.4#, J-55, 10rd, Csg set @ 2528',
Cmt w/199 sx (Baffle set @ 2517')

Canyon Largo Unit NP #219

PROPOSED

Ballard Pictured Cliffs

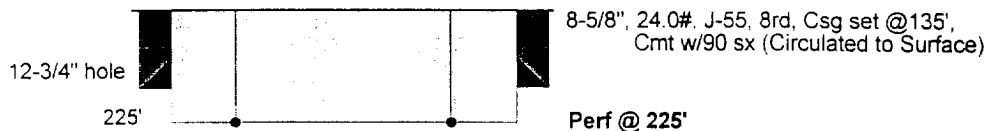
Section 1, T-24-N, R-7-W, Rio Arriba County, NM

Today's Date: 8/29/95

Spud: 8/27/73

Completed: 1/23/74

Nacimiento @ 175'



Plug #2: 225' - Surface,
Cmt w/65 sx Class B

Ojo Alamo @ 1780'

7-7/8" hole

Kirtland @ 1940'

Fruitland @ 2226'

Pictured Cliffs @ 2428'

