

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells  
93 SEP 16 PM 12:55

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

1650' FNL, 1650' FEL, Sec. 34, T-30-N, R-8-W, NMPM

5. Lease Number

070 FARMINGTON, NM SF-078385A

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Howell L #4

9. API Well No.  
30-045-09009

10. Field and Pool  
Blanco Mesaverde

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. Please cancel the intent to plug and abandon the Mesaverde formation approved 5-17-96.

RECEIVED  
SEP 19 1996  
OIL CON. DIV.  
DIST. 3

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

Signed Peggy Shadwell (VGW5) Title Regulatory Administrator Date 9/16/96

(This space for Federal or State Office use)

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

Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

A P P R O V E D

SEP 7 1996

/S/ Duane W. Spencer

NMOCOD

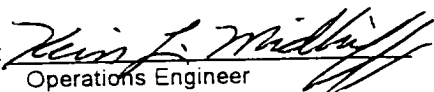
## PLUG & ABANDONMENT PROCEDURE

Howell L #4  
Mesaverde DPNO: 47987A  
1650' FNL, 1650' FEL  
Unit G, Sec. 34, T30N, R08W, San Juan County  
Long./Lat.: 108.088547-36.744827

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 Burlington Resources Oil & Gas Company safety 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 remove casing spool (*casing spool has restricted ID, see attached 1/14/96 Daily Workover Report*). Install casing spool with adequate ID. NU BOP and test.
3. Pull and tally 2-3/8" tubing (J55, EUE, 8rd, 143 jts). Visually inspect the tubing. If necessary, PU 2-3/8" workstring. Run 7" gauge ring or casing scraper to 2906'.
4. **Plug #1 (Mesaverde isolation, 4480' - 4430')**: Mix approximately 19 sxs Class B cement and spot a plug inside the 7" casing above the CIBP (set @ 4480'). PUH to 3735'.
5. **Plug #2 (Chacra top, 3735' - 3635')**: Mix 29 sxs Class B cement and spot a balanced plug inside casing to cover the Chacra top, POOH.
6. **Plug #3 (Pictured Cliffs top, 2956' - 2527')**: Perforate 3 HSC squeeze holes at 2956'. PU and RIH with wireline and 7" cement retainer, set at 2906'. RIH with 2-3/8" workstring to 2906'. Load casing and pressure test to 1000 psi. Mix 138 sxs Class B cement and squeeze 109 sxs outside and leave 29 sxs above cement retainer to cover Pictured Cliffs top. PUH to 2627'.
7. **Plug #4 (Fruitland top, 2627' - 2527')**: Mix 29 sxs Class B cement and spot a balanced plug to cover Fruitland top. POOH.
8. **Plug #5 (Kirtland and Ojo Alamo tops, 2032' - 1732')**: Perforate 3 HSC squeeze holes at 2032'. PU and RIH with wireline and 7" cement retainer, set at 1982'. RIH with 2-3/8" workstring to 1982'. Load casing and pressure test to 1000 psi. Mix 145 sxs Class B cement and squeeze 77 sxs outside and leave 68 sxs inside to cover Ojo Alamo top. POOH.
9. **Plug #6 (Nacimiento top, 775' - 675')**: Perforate 3 HSC squeeze holes at 775'. PU and RIH with wireline and 7" cement retainer, set at 725'. RIH with 2-3/8" workstring to 725'. Load casing and pressure test to 1000 psi. Mix 55 sxs Class B cement, squeeze 26 sxs cement outside 7" casing and leave 29 sxs cement inside casing to cover Nacimiento top. POH and LD tubing and setting tool.
10. **Plug #7 (Surface, 328' - Surface)**: Perforate 3 HSC squeeze holes at 328'. Establish circulation out bradenhead valve. Mix and pump approximately 114 sxs Class B cement down 7" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
11. BOP and cut off wellhead below surface casing. Install P&A marker to comply with regulations. RD, MOL, cut off anchors, and restore location.

Recommended:

 9/13/96  
Operations Engineer

Approval:

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

Contacts: Operations Engineer

Kevin Midkiff

326-9807  
564-1653 (Pager)

# Howell L #4

Current 9/11/96

DPNO: 47987A

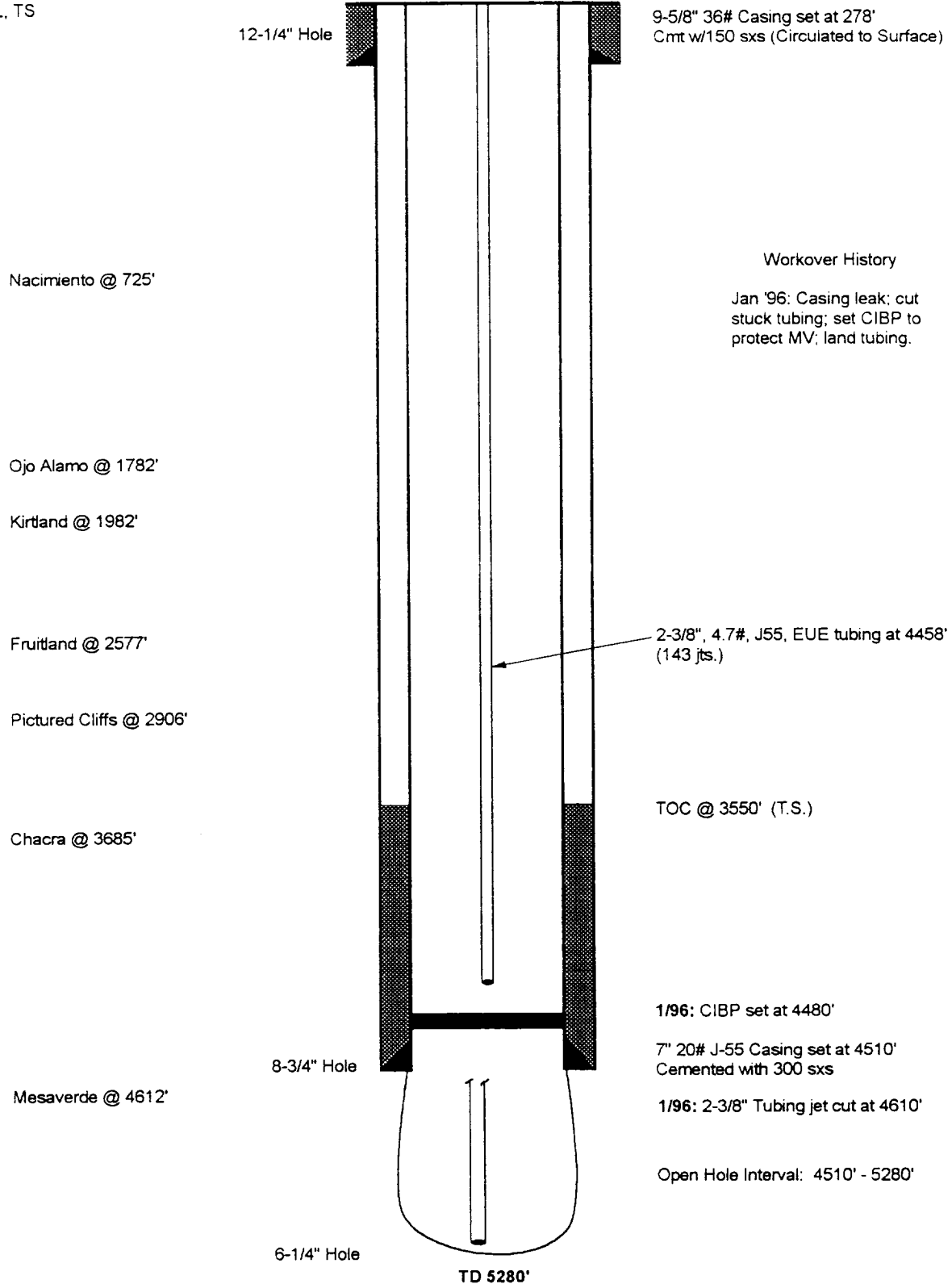
Blanco Mesaverde

1650' FNL, 1650' FEL

NE Section 34, T-30-N, R-8-W, San Juan County, NM

Long. / Lat.: 108.088547 - 36.744827

Spud: 11/29/51  
Completed: 3/26/52  
Workover: 1/14/96  
Set CIBP @ 4480'  
Elevation: 6147' (GL)  
Logs: IEL, TS



# Howell L #4

## Proposed P. & A

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