

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

96 AUG -1 PM 3:18

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  
990' FNL, 990' FEL, Sec. 31, T-28-N, R-10-W, NMPM  
A

5. Lease Number  
SF-077315  
6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Martin #5

9. API Well No.  
30-045-07064

10. Field and Pool  
Fulcher Kutz 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.

RECEIVED  
AUG 12 1996  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (VGW2) Title Regulatory Administrator Date 7/30/96

(This space for Federal or State Office use)

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

Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

AUG 08 1996

[Signature] Duane Spencer

## PLUG AND ABANDONMENT PROCEDURE

### Martin #5

DPNO: 46250

Pictured Cliffs

Unit A, Sec. 31, T28N, R10W,

San Juan County, New Mexico

Long. / Lat.: 107.930710 - 36.623230

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

1. This will be a rigless procedure. Prepare blow pit for cement washout only. Comply to all NMOCD, BLM, and MOI safety procedures. Rig up cementing equipment.
2. Conduct safety meeting for all personnel on location. NU relief line. Blow down well and kill with water as necessary. Install cementing valve.
3. Open bradenhead valve. Establish a rate down casing with 30 bbls. water, record pump rate and pressure. Monitor bradenhead for flow. If bradenhead flows water, move in rig with workstring to plug well. If not, pump 2 frac balls in additional water and monitor pressure, rate and volumes pumped to confirm perforations taking water and no casing leak exists. If casing leaks, then use pulling unit and 1-1/4" tubing to plug well.
4. **Plug #1 (Pictured Cliffs perfs and Fruitland tops, 1810' - 1393')**: Establish rate and pump 30 sxs Class B cement (50% excess) down 2-7/8" casing, displace to 1100'. Shut in well and WOC. Rig up Mast truck and wireline unit. RIH and tag cement. Pressure test casing to 500#.
5. **Plug #2 (Kirtland and Ojo Alamo tops, 860' - 570')**: Perforate 2-7/8" casings with 2 squeeze holes at 860'. Establish rate into squeeze holes if casing tested. Establish rate into squeeze holes. Mix 36 sxs Class B cement and pump down casing. Squeeze 26 sxs outside 2-7/8" casing and displace 10 sxs to 500' to cover the Ojo Alamo top, then RIH with wireline and tag cement.
6. **Plug #3 (Surface, 115' - Surface)**: Perforate 2-7/8" and 5-1/2" casings with 3 squeeze holes at 115'. Establish circulation out bradenhead valve. Mix and pump approximately 31 sxs Class B cement down 2-7/8" casing. Squeeze 19 sxs out 5-1/2" casing, circulate good cement out bradenhead valve. Shut bradenhead valve, open intermediate valve, squeeze 9 sx Class B cement down 2-7/8" casing, circulate good cement to surface. Shut in well and WOC.
7. ND 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: \_\_\_\_\_  
Operations Engineer

Approval: \_\_\_\_\_  
Production Superintendent

Contacts: Operations Engineer      Gaye White      326-9875  
/ta

# Martin #5

Current 7/26/96

Pictured Cliffs

DPNO: 46250

990' FNL, 990' FEL

Unit A, Sec 31, T28N, R10W, San Juan County, NM

Long./Lat.: 107.930710 - 36.623230

Spud: 12/28/49

Completed: 1/5/50

Elevation: 5829' (KB)

5819' (GL)

Logs: GR-Ind, GR-Den,  
GR-CCL, TS

Workover: 4/21/65 - Pull 1" tbg.

Workover: 7/26/65 - Cleanout, run  
2-7/8" csg to 1855'

12-1/4" Hole

9-5/8", 40# csg. set @ 65'  
Cmt. w/60 sx cmt, re-cement w/50 sx Class B,  
10 sx Cal-Seal.

Ojo Alamo @ 620'

TOC @ 600' (TS)

Kirtland @ 810'

TOC @ 1029' (Calc. 75% Effic.)

Fruitland Coal @ 1443'

6-3/4" Hole (?)

5-1/2", 13#/15# csg. set @ 1773'  
Cmt. w/100 sxs Ideal Regular.  
Originally completed as an open-hole well

Pictured Cliffs @ 1750'

7/65: Perfs @ 1782' - 1790', 1802' - 1810'  
Frac'd w25,000# 10/20 sd, 27,300 gl. wtr.

5-1/2" Hole

7/65: 2-7/8", 6.5#, J55 csg. set @ 1855'  
Cmt. w/100 sx Class C w/Strata-crete

PBTD 3221'

TD 3260'

# Martin #5

Proposed P&A

Pictured Cliffs

DPNO: 46250

990' FNL, 990' FEL

Unit A, Sec 31, T28N, R10W, San Juan County, NM

Long./Lat.: 107.930710 - 36.623230

Spud: 12/28/49  
Completed: 1/5/50  
Elevation: 5829' (KB)  
5819' (GL)  
Logs: GR-Ind, GR-Den,  
GR-CCL, TS  
Workover: 4/21/65 - Pulled 1" tbg.  
Workover: 7/26/65 - Cleanout,  
run 2-7/8" csg. to 1855'.

12-1/4" Hole

9-5/8", 40# csg. set @ 65'  
Cmt. w/60 sx cmt., re-cement w/50 sx Class B,  
10 sx Cal-Seal.

**Plug #3: 115' - Surface**  
**Cmt. w/42 sxs Class B**

Ojo Alamo @ 620'

TOC @ 600' (TS)

**Plug #2: 860' - 570'**  
**Cmt. w/36 sxs Class B**

Kirtland @ 810'

TOC @ 1029' (Calc. 75% Effic.)

Fruitland Coal @ 1443'

**Plug #1: 1810' - 1393'**  
**Cmt. w/30 sxs Class B**

6-3/4" Hole (?)

5-1/2", 13#/15# csg. set @ 1773'  
Cmt. w/100 sxs Ideal Regular.  
Originally completed as an open-hole well.

Pictured Cliffs @ 1750'

**7/65: Perfs @ 1782' - 1790', 1802' - 1810'**  
**Frac'd w/25,000# 10/20 sd, 27,300 gl. wtr.**

5-1/2" Hole

**7/65: 2-7/8", 6.5#, J55 csg. set @ 1855'**  
**Cmt. w/100 sxs Class C w/Strata-crete**

