

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  
990'FSL, 990'FWL, Sec.29, T-28-N, R-4-W, NMPM

5. Lease Number  
NM-03863

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
San Juan 28-4 U #15

9. API Well No.  
30-039-07293

10. Field and Pool  
Blanco Mesaverde

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.

RECEIVED  
JAN 17 1995

OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (ROS8) Title Regulatory Affairs Date 1/3/95

(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

APPROVED

JAN 10 1995

DISTRICT MANAGER

NMOCD

# PERTINENT DATA SHEET

| <b>WELLNAME:</b> San Juan 28-4 Unit #15  | <b>DP NUMBER:</b> 52075A<br><b>PROP. NUMBER:</b> 007972900  |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
|--|---|--|------------|---------------------------|----------------------|---------------------------|---------------|---------|---------------|---|---------|---|------------|------------|------------|---------|------------|-----------------|--------|-------|------|-------|---|--------|------------|--------|--------|-------|------|-------|----------------------|--------|------------|--------|--------|------|------|-------|--|--|--|
| <b>WELL TYPE:</b> Blanco Mesaverde   | <b>ELEVATION:</b> GL: 7235'<br>KB: 7245'  |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>LOCATION:</b> 990' FSL 990' FWL<br>SW Sec. 29, T28N, R4W<br>Rio Arriba County, New Mexico   | <b>INITIAL POTENTIAL:</b> AOF 5,024<br><br>SICP: Aug., 1974 381 PSIG  |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>OWNERSHIP:</b> GWI: 59.511650%<br>NRI: 49.179760%   | <b>DRILLING:</b> SPUD DATE: 06-17-58<br>COMPLETED: 07-19-58<br>TOTAL DEPTH: 6553'<br>PBTD: 6538'<br>COTD: 6538' |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>CASING RECORD:</b> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="text-align: left;">HOLE SIZE</th> <th style="text-align: left;">SIZE</th> <th style="text-align: left;">WEIGHT</th> <th style="text-align: left;">GRADE</th> <th style="text-align: left;">DEPTH</th> <th style="text-align: left;">EQUIP.</th> <th style="text-align: left;">CEMENT</th> <th style="text-align: left;">TOC</th> </tr> </thead> <tbody> <tr> <td>15"</td> <td>10-3/4"</td> <td>32.75#</td> <td>S.W.</td> <td>175'</td> <td>-</td> <td>200 sx</td> <td>surface</td> </tr> <tr> <td>9-7/8"</td> <td>7-5/8"</td> <td>26.4#</td> <td>J-55</td> <td>4380'</td> <td>-</td> <td>200 sx</td> <td>3200' (TS)</td> </tr> <tr> <td>6-3/4"</td> <td>5-1/2"</td> <td>15.5#</td> <td>J-55</td> <td>6546'</td> <td>Liner Hanger @ 4307'</td> <td>300 sx</td> <td>4307' (TS)</td> </tr> <tr> <td>Tubing</td> <td>2-3/8"</td> <td>4.7#</td> <td>J-55</td> <td>6513'</td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <p style="text-align: center; margin-top: 10px;">206 jts 2-3/8". 4.7#, J-55, tbg set at 6513'</p> |   | HOLE SIZE  | SIZE       | WEIGHT                    | GRADE                | DEPTH                     | EQUIP.        | CEMENT  | TOC           | 15"   | 10-3/4" | 32.75#  | S.W.       | 175'       | -          | 200 sx  | surface    | 9-7/8"          | 7-5/8" | 26.4# | J-55 | 4380' | - | 200 sx | 3200' (TS) | 6-3/4" | 5-1/2" | 15.5# | J-55 | 6546' | Liner Hanger @ 4307' | 300 sx | 4307' (TS) | Tubing | 2-3/8" | 4.7# | J-55 | 6513' |  |  |  |
| HOLE SIZE  | SIZE  | WEIGHT   | GRADE      | DEPTH                     | EQUIP.               | CEMENT                    | TOC           |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| 15"  | 10-3/4"   | 32.75#   | S.W.       | 175'                      | -                    | 200 sx                    | surface       |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| 9-7/8"   | 7-5/8"  | 26.4#  | J-55       | 4380'                     | -                    | 200 sx                    | 3200' (TS)    |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| 6-3/4"   | 5-1/2"  | 15.5#  | J-55       | 6546'                     | Liner Hanger @ 4307' | 300 sx                    | 4307' (TS)    |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Tubing   | 2-3/8"  | 4.7#   | J-55       | 6513'                     |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>FORMATION TOPS:</b> <table style="width: 100%; margin-top: 10px;"> <tr> <td style="width: 40%;">Nacimiento</td> <td style="width: 20%;">2333'</td> <td style="width: 20%;">Mesaverde</td> <td style="width: 20%;">5971'</td> </tr> <tr> <td>Ojo Alamo</td> <td>3563'</td> <td>Menefee</td> <td>6028'</td> </tr> <tr> <td>Kirtland</td> <td>3735'</td> <td>Point Lookout</td> <td>6332'</td> </tr> <tr> <td>Fruitland</td> <td>4011'</td> <td></td> <td></td> </tr> <tr> <td>Pictured Cliffs</td> <td>4191'</td> <td></td> <td></td> </tr> </table>  |   | Nacimiento   | 2333'      | Mesaverde                 | 5971'                | Ojo Alamo                 | 3563'         | Menefee | 6028'         | Kirtland  | 3735'   | Point Lookout   | 6332'      | Fruitland  | 4011'      |         |            | Pictured Cliffs | 4191'  |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Nacimiento   | 2333'   | Mesaverde  | 5971'      |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Ojo Alamo  | 3563'   | Menefee  | 6028'      |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Kirtland   | 3735'   | Point Lookout  | 6332'      |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Fruitland  | 4011'   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Pictured Cliffs  | 4191'   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>LOGGING:</b> ES-GRN-IND, ML, Temp. Log, (2) Temp. Survey  |   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>PERFORATIONS</b> 6332' - 6354', 6362' - 6382', 6422' - 6442', 6450' - 6484', 6498' - 6510'  |   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>STIMULATION:</b> Water frac w/63,800 gal. water and 60,000# sand. BDP 1200#, max. pr. 2100#, avg. tr. pr. 1100-1250-1600-1750#. IR 73 BPM. Flush 11,000 gal.  |   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>WORKOVER HISTORY:</b> None  |   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
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|  | <u>Gas</u>  | <u>Oil</u>   |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Cumulative as of Aug. 94:  | 488.5 MMcf  | 0 MBbl   |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| Current Rate:  | 0 Mcfd  | 0 Bopd   |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
|  | <u>Gas</u>  | <u>Oil</u>   |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
|  | 21.0 Mcf/D  | 0 bbl/D  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |
| <b>PIPELINE:</b> NWPC  |   |  |            |                           |                      |                           |               |         |               |   |         |   |            |            |            |         |            |                 |        |       |      |       |   |        |            |        |        |       |      |       |                      |        |            |        |        |      |      |       |  |  |  |

## PLUG & ABANDONMENT PROCEDURE

12-7-94

San Juan 28-4 Unit #15  
Blanco Mesaverde  
SW Section 29, T-28-N, R-04-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. 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 and NU BOP, test.
3. POH and tally 2-3/8" tubing (206 jts @ 6513' ), visually inspect. If necessary PU 2" workstring. PU and round trip 5-1/2" casing scraper or gauge ring to 6280'.
4. **Plug #1 (Mesaverde perforations and top):** PU 5-1/2" cement retainer and RIH; set at 6280'. Establish rate into Mesaverde perms. Mix and pump 98 sx Class B cement, squeeze 52 sx cement below cement retainer from 6510' to 6280' over Mesaverde perms and leave 46 sx on top of retainer to 5921' to cover Mesaverde top. Pull above cement and load well with water; circulate clean. Pressure test casing to 500#. POH to 4430'.
5. **Plug #2 (7-5/8" Casing Shoe)** Mix 36 sx Class B cement and spot a balanced plug inside casing from 4430' to 4257' over 7-5/8" casing shoe. POH to 4241'.
6. **Plug #3 (Pictured Cliffs and Fruitland tops)** Mix 74 sx Class B cement and spot a balanced plug inside casing from 4241' to 3961' over Pictured Cliffs and Fruitland tops. POH to 3785'.
7. **Plug #4 (Kirtland and Ojo Alamo tops)** Mix 72 sx Class B cement and spot a balanced plug inside casing from 3785' to 3513' over Kirtland and Ojo Alamo tops. POH with setting tool.
8. **Plug #5 (Nacimiento top):** Perforate 4 squeeze holes at 2383'. If casing tested, attempt to establish rate into squeeze holes. PU 7-5/8" cement retainer and RIH; set at 2333'. Mix 70 sx Class B cement, squeeze 36 sx cement outside 7-5/8" casing from 2383' to 2283' and leave 34 sx cement inside casing from 2383' to 2283' to cover Nacimiento top. POH and LD tubing and setting tool.
9. **Plug #6 (Surface):** Perforate 4 squeeze holes at 225'. Establish circulation out bradenhead valve. Mix 100 sx Class B cement and pump down 7-5/8" casing, circulate good cement out bradenhead valve. Shut in well and WOC.
10. ND BOP and cut off wellhead below surface casing flange. Install P&A marker with cement to comply with regulations. Cut off anchors, and restore location.

Recommended:

  
Operations Engineer

Approval:

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

# San Juan 28-4 Unit #15

CURRENT

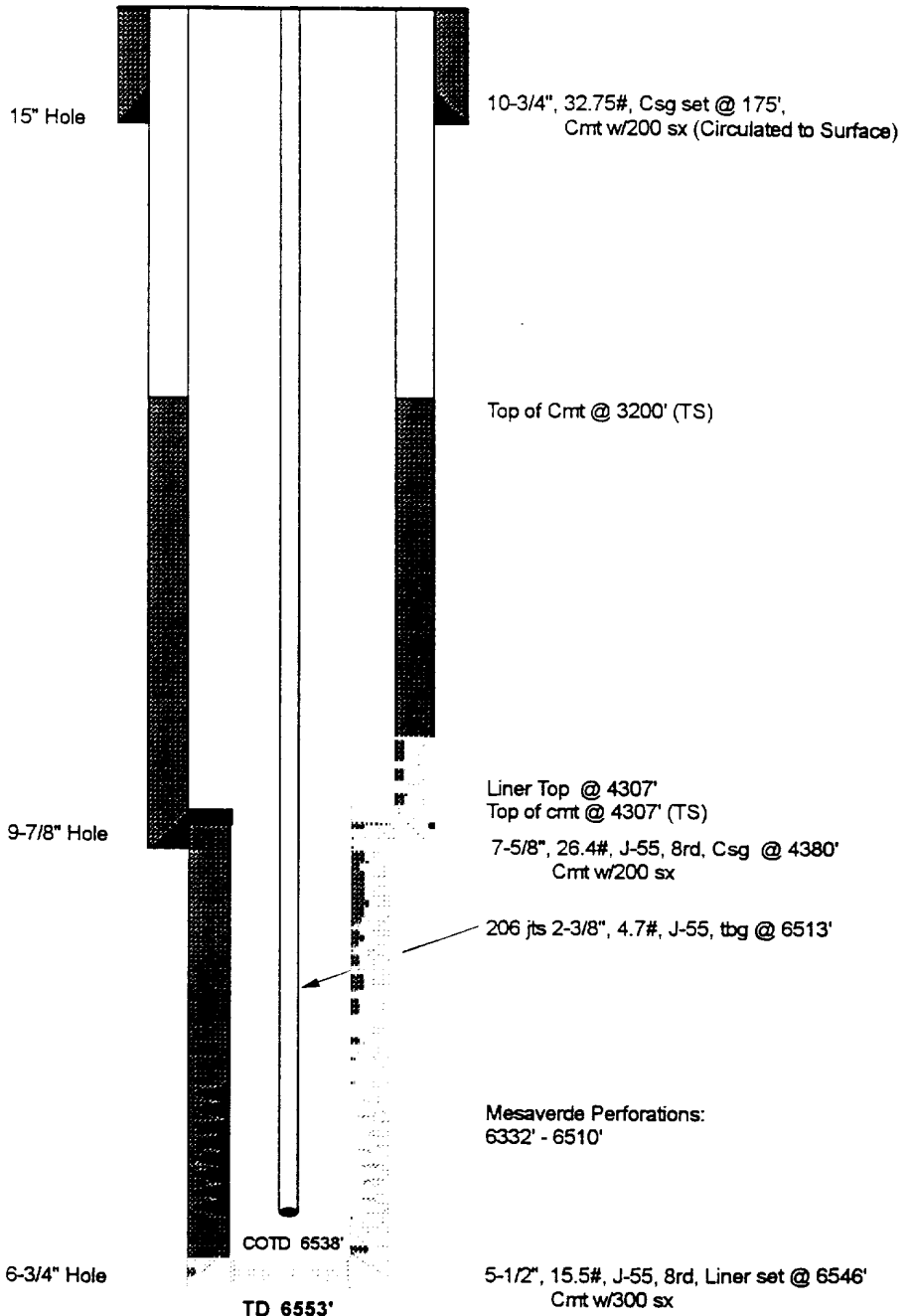
Blanco Mesaverde

SW Section 29, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 12/7/94

Spud: 6/17/58

Completed: 7/19/58



# San Juan 28-4 Unit #15

## PROPOSED P&A

Blanco Mesaverde

SW Section 29, T-28-N, R-4-W, Rio Arriba County, NM

Today's Date: 12/7/94

Spud: 6/17/58

Completed: 7/19/58

