

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

Sundry Notices and Reports on Wells 26 PM 1-56

1. Type of Well  
GAS

RECEIVED  
OCT - 4 1996

070 FARMINGTON, NM

Lease Number  
SF-079266

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator

MERIDIAN OIL

OIL CON. DIV.  
DIST. 3

8. Well Name & Number  
Vaughn #14

3. Address & Phone No. of Operator

PO Box 4289, Farmington, NM 87499 (505) 326-9700

9. API Well No.  
30-039-20382

4. Location of Well, Footage, Sec., T, R, M

1500' FSL, 1460' FWL, Sec. 27, T-26-N, R-6-W, NMPM

10. Field and Pool  
Blanco MV/Basin DK/  
Ensenada Mesa Gallup

11. County and State  
Rio Arriba Co, NM

DHC R-10239

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

Notice of Intent

Abandonment

Change of Plans

Subsequent Report

Recompletion

New Construction

Final Abandonment

Plugging Back

Non-Routine Fracturing

Casing Repair

Water Shut off

Altering Casing

Conversion to Injection

Other - Commingle

13. Describe Proposed or Completed Operations

8-22-96 MIRU. ND WH. NU BOP. TOOH w/200 jts tbg. TIH, blow well & CO.  
8-23-96 TIH to top of cmt retainer @ 6768'. Roll hole w/2% Kcl wtr. TOOH. TIH w/FB pkr, set @ 73'. PT csg to 1000 psi, OK. TIH w/pkr, set @ 6748'. PT cmt retainer to 3800 psi/10 min, OK. TOOH w/pkr. TIH, attempt to pressure up backside. Bradenhead started flowing. Too much air in csg to log. Estimate TOC below stage tool @ 5078 to be 6270'. Estimate TOC below stage tool @ 2688' to be 4240'. Estimate TOC @ 1300'. Install new seals. TIH, perf 2 sqz holes @ 5800' & 2 sqz holes @ 6167'. TOOH.  
8-24-96 Set pkr @ 73'. PT csg backside to 800 psi, OK. TOOH w/pkr. TIH w/drillable cmt retainer, set @ 6020'. Establish injection. Pump 150 sx Class "B" neat cmt. Displace w/22.75 bbl wtr, leaving 0.25 bbl cmt on top of cmt retainer. Reverse out w/40 bbl wtr. Circ hole clean. TOOH. Perf 2 sqz holes @ 4600' & 2 sqz holes @ 4968'. Set cmt retainer @ 4828'. TOOH. TIH, sqz Mesaverde w/155 sx Class "B" neat cmt. Attempt to circ, failed. TOOH. WOC. TIH w/4 1/2" FB pkr, set @ 1890'. Circ backside through bradenhead. PT Mesaverde sqz to 1250 psi, OK. Reset pkr @ 1576'. WOC. Establish injection. Pump 200 sx Class "B" neat cmt. Displace w/8 bbl wtr. WOC.

Continued on back

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

Signed [Signature] Title Regulatory Administrator Date 9/25/96

(This space for Federal or State Office use)  
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_

ACCEPTED FOR RECORD  
Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

OCT 03 1996

FARMINGTON DISTRICT OFFICE

MMCD

BY \_\_\_\_\_

- 8-25-96 WOC. TOOH w/FB pkr. TIH, tag TOC @ 1685'. Drill cmt @ 1685-1784'. PT sqz to 1000 psi, OK. TIH, tag TOC @ 4761'. Drill cmt @ 4761-4828'. PT Mesaverde sqz to 1000 psi, OK. Drill on cmt retainer. Circ hole clean. TOOH.
- 8-26-96 TIH w/mill. Mill cmt retainer & cmt to 4828'. Circ hole clean. TOOH w/mill. TIH, drill on iron & cmt @ 4838-5009'. PT lower Mesaverde sqz holes to 1000 psi, OK. Drill cmt @ 5009-5085'.
- 8-27-96 Drill cmt @ 5110-5640'. TOOH. TIH, ran CBL @ 350-6300', TOC on isolation sqz @ 1780'.
- 8-28-96 Drill cmt @ 5640-5810'. Circ hole clean. PT sqz @ 5800' to 1000 psi, OK. Drill cmt retainer @ 6020'. Drill cmt @ 6025-6148'.
- 8-29-96 PT sqz holes to 1000 psi, OK. TOOH. Perf 2 sqz holes @ 4933'. TIH w/FB pkr, set @ 4718'. Pump 75 sx Class "B" neat cmt w/2% calcium chloride @ 4718-4933'. Sqz to 1575 psi, WOC. TOOH w/pkr. TIH, perf 2 sqz holes @ 4690'. TOOH. TIH w/FB pkr, set @ 4495'. Pump 150 sx Class "B" neat cmt w/2% calcium chloride. Sqz to 1800 psi'. WOC. Release pkr, TOOH. TIH.
- 8-30-96 WOC. TIH, tag TOC @ 4576'. Circ hole clean. PT top sqz @ 4690' to 1000 psi, OK. TIH, tag TOC @ 4865'. Drill cmt @ 4865-4955'. Circ hole clean. PT sqz holes @ 4933' to 1000 psi, OK. TIH to 6300'. Roll hole clean w/2% Kcl wtr. TOOH. TIH, ran CBL @ 4600-5100', cmt intervals @ 4550-4738', 4904-5008'. TOOH. TIH, perf Gallup @ 5947-6167'. Acidize w/500 gal 10% acetic acid.
- 8-31-96 Frac Gallup w/734 bbl fluid, 50,000# 20/40 super DC sd, 108,000 SCF N2. Blow well & CO. TOOH. TIH w/CIBP, set @ 5065'. TIH w/FB pkr, PT CIBP to 3800 psi, OK. Roll hole w/2% Kcl wtr. Spot 200 gal 10% Hcl. TOOH. TIH, perf Point Lookout @ 4784-4980' w/32 holes total. Frac Point Lookout w/1554 bbl slk wtr, 90,000# 20/40 Arizona sd, 247,700 SCF N2.
- 9-1-96 Blow well & CO.
- 9-2-96 Blow well & CO. Mill CIBP @ 5065'. Blow well & CO. TIH to cmt retainer @ 6768'. Blow well & CO. Mill cmt retainer @ 6768'. Blow well & CO.
- 9-3-96 Blow well & CO.
- 9-4-96 Blow well & CO. TIH w/228 jts 2 3/8" 4.7# J-55 tbg, landed @ 7085'. ND BOP. NU WH. Blow well & CO. RD. Rig released.

Well is now Mesaverde/Gallup/Dakota trimingle.