

**UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

RECEIVED
BLM

Sundry Notices and Reports on Wells

96 OCT -9 PM 4:50

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
1120' FNL, 1610' FEL, Sec. 29, T-26-N, R-6-W, NMPM
B

DHC R-10239

5. Lease Number
SF-079266

070 FARMINGTON, NM
6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Vaughn #31

9. API Well No.
30-039-22264

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

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

☐ 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 -	

13. Describe Proposed or Completed Operations

9-20-96 MIRU. ND WH. NU BOP. TOOH w/220 jts tbg. TIH to 7400'. Blow well & CO. TOOH.
 9-21-96 TIH w/CIBP & pkr; set CIBP @ 6651'. Roll hole w/2% Kcl wtr. PT csg, failed.
 Reset pkr, PT CIBP to 1000 psi, OK. Reset pkr, PT DV tool @ 5783', OK.
 Reset pkr, PT DV tool @ 3078', OK. Reset pkr, found old sqz @ 1809-1934'
 leaking. TOOH w/pkr. TIH, ran CBL-CCL @ 3354-6642', good cmt above & below
 Mesaverde; no cmt above Gallup, fair cmt below Gallup. Ran CBL @ 40-3354'.
 TOC @ 1422'. TIH, perf 3 sqz holes @ 6340'. TOOH. TIH w/FB pkr, set @ 2200'.
 Reset pkr @ 6000'. Establish injection. Pump 50 sx Class "G" neat cmt below
 6000'. WOC. TOOH w/pkr, TIH to 2200'. Pump 20 sx Class "G" neat cmt @
 1809-2134'. Displace. TOOH. Pressure up sqz w/1 bbl wtr to 1000 psi, OK. WOC.
 9-22-96 TIH, tag TOC @ 1908'. Circ hole clean. Pressure up to 500 psi, leaked off. TOOH
 TIH to 1901'. Establish injection. Pump 20 sx Class "G" neat cmt w/2% calcium
 chloride. Displace w/6 bbl wtr. Pressure up w/0.75 bbl wtr to 1100 psi. Would
 not hold. WOC.
 9-23-96 TIH, tag TOC @ 1691'. PT to 500 psi, failed. TOOH. TIH w/FB pkr, isolate csg
 leak @ 137-261'. TOOH w/pkr. ND BOP. TIH, speak into top of 4 1/2" csg. Strin
 shot back off csg @ 251'. TOOH w/bad csg. TIH w/6 jts 4 1/2" 10.5# J-55 ST&C
 csg, screw into existing csg. Cut off csg. ND BOP. PT, circ through
 bradenhead. TIH w/FB pkr, found leak @ 255-260'. TOOH w/pkr. Circ hole clean.

Continued on back

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

Signed *Peggy Bradfield* Title Regulatory Administrator Date 10/4/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD
Date _____

OCT 11 1996

FARMINGTON DISTRICT OFFICE

BY *sm*

NMOCD

9-24-96 Sqz @ 255-260' w/150 sx Class "G" cmt w/2% calcium chloride. Sqz to 900 psi. WOC. TIH, tag TOC @ 119'. Drill cmt @ 119-274'. Circ hole clean. PT csg to 500 psi/15 min, OK. TIH, tag TOC @ 1691'. Drill cmt @ 1691-2005'.

9-25-96 PT csg to 500 psi, failed. Drill cmt @ 1974-2122'. Circ hole clean. PT csg to 500 psi, failed. TIH, tag TOC @ 6186'. Drill cmt @ 6186-6364'. Circ hole clean. TOOH. Ran CBL across Gallup formation, good cmt on top of Gallup. TIH w/FB pkr, set @ 6233'. PT sqz to 1000 psi, OK. Release pkr. Roll hole w/96 bbl 2% Kcl wtr. Spot 250 gal 10% acetic acid @ 6590'. TOOH.

9-26-96 Perf Gallup @ 6363-6586'. PT CIBP to 3800 psi, OK. Acidize w/250 gal 10% acetic acid. Frac Gallup w/636 bbl 30# x-link gel, 50,000# 20/40 tempered DC sd, 81,600 SCF N2. CO after frac.

9-27-96 Blow well & CO. TOOH w/pkr. TIH w/gauge ring to 5640'. Set CIBP @ 5600'. TOOH. TIH to 5540'. Spot 300 gal 15% Hcl. Perf Mesaverde @ 5208-5535'. TIH w/pkr, set @ 5578'. PT CIBP to 3800 psi, OK. Reset pkr @ 5091'. Frac Mesaverde w/2357 bbl slk wtr, 210,409 SCF N2, 100,000# 20/40 Arizona sd. CO after frac.

9-28-96 Blow well & CO. TOOH w/pkr. TIH, blow well & CO. SDON.

9-29-96 Blow well & CO.

9-30-96 Blow well & CO. Mill CIBP @ 5600'. Blow well & CO.

10-1-96 (Verbal approval to set production packer below 1934' and produce that way from Steve Mason, BLM. Backside will monitored). Blow well & CO. Drill out CIBP. Push to 7567'. Blow well & CO.

10-2-96 Blow well & CO.

10-3-96 TOOH. TIH w/236 jts 2 3/8" 4.7# J-55 tbg & pkr; land tbg @ 7378', set pkr @ 2231'. ND BOP. NU WH. RD. Rig released.

Well will produce as a Mesaverde/Gallup/Dakota trimingle