

**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

1050' FNL, 1800' FWL, Sec. 34, T-26-N, R-6-W, NMPM

DHC R-10239

5. Lease Number

SF-079265

6. If Indian, All. or

Tribe Name

7. Unit Agreement Name

8. Well Name & Number

Klein #19E

9. API Well No.

30-039-23770

10. Field and Pool

Blanco MV/Basin DK/
WC; Ensenada Mesa Gal

11. County and State

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

- 7-7-95 MIRU. ND WH. NU BOP. TIH, tag fill @ 7153'. POOH w/217 jts 2 3/8" tbg. RU, ran gauge ring to 7000'. Ran 4 1/2" CIBP, set @ 6650'. RD. TIH w/FB pkr to 6630'.
- 7-8-95 Roll hole w/2% Kcl wtr w/RBP @ 6657'. Set pkr @ 6637', PT CIBP & tbg to 3500 psi /10 min, OK. Made multiple tool settings, DV tool leaking. PT backside to 500 psi, OK. Reset pkr @ 2833', PT csg to 1200 psi, OK. Release pkr, TOOH. RU, ran CBL-CCL-GR @ 0-6650', cmt intervals @ 5960-6640', 4090-5443', 1600-2793'. RU, ran Dipole Sonic log w/500 psi. RD. RU, perf 2 sqz holes @ 5950' & 2 sqz holes @ 5850'. Set 4 1/2" cmt retainer @ 5880'. RD. TIH, establish circ through perfs & out bradenhead. Pump 50 sx Class "B" neat cmt. Displace w/21 bbl wtr. Sqz to 1400 psi. Reverse circ 1 bbl cmt to surface. WOC. Sqz to 500 psi. WOC.
- 7-9-95 WOC. RD. TOOH to 2830'. Pump 25 sx Class "B" cmt w/2% calcium chloride across leaking DV tool @ 2793'. POOH. Reverse out @ 2180'. Took 4 bbl wtr to get circ Pressure up on csg to 1200 psi, establish circ into DV tool leak. WOC w/1200 psi. TIH, tag cmt @ 2494'. Drill cmt @ 2494-2830'. Circ hole clean @ 2880'. PT DV tool & csg to 1000 psi/10 min, OK. TIH, tag TOC @ 5712'. Drill cmt @ 5712-5880'. Circ hole clean. PT sqz holes @ 5850' & csg to 1000 psi/10 min, OK. Drill on cmt retainer @ 5880'.

Continued on back

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

Signed

[Signature]

Title Regulatory Affairs

Date 7/18/95

(This space for Federal or State Office Use)

APPROVED BY

Title

CONDITION OF APPROVAL, if any:

Date

ACCEPTED FOR RECORD

JUL 21 1995

FARMINGTON DISTRICT OFFICE
BY *[Signature]*

- 7-10-95 Drill cmt retainer @ 5880, drill cmt @ 5882-5956'. Circ hole clean. PT csg to 650 psi/25 min. TIH to CIBP @ 6650'. Circ hole clean w/2% Kcl wtr. TOOH. RU, ran CBL-CCL-GR @ 5714-6047' & 2737-2847', TOC @ 5850', & 2737'. Perf Gallup w/1 SPF @ 5988, 6000, 6009, 6030, 6043, 6074, 6084, 6097, 6111, 6141, 6154, 6170, 6180, 6188, 6206, 6223' w/16 holes total. TIH w/pkr, set @ 5891'. Pump 2000 gal 10% acetic acid. Frac Gallup w/60,000# tempered DC 20/40 mesh sd, 938 bbl 30# x-link gel. RD. CO after frac.
- 7-11-95 Blow well & CO.
- 7-12-95 Blow well & CO. TIH w/4 1/2" pkr, set @ 5050'. PT csg & CIBP to 3500 psi/10 min, OK. Spot 400 gal 10% Hcl across Mesaverde. TOOH. TIH, perf Mesaverde w/1 SPF @ 4858, 4863, 4865, 4867, 4869, 4890, 4899, 4917, 4919, 4924, 4927, 4947, 4964, 4967, 4974, 5001, 5027 w/17 holes total. Acidize w/1500 gal 10% Hcl. TOOH. Frac Mesaverde w/82,600# 16/30 Brady sd, 2139 bbl slk wtr, 17,780# SLC sd. SI for resin sd to set.
- 7-13/14-95 Release pkr, TOOH. TIH, blow well & CO.
- 7-15-95 Blow well & CO. Drill CIBP @ 5250'. Blow well & CO. TIH to 6630'. Blow well & CO to CIBP @ 6650'.
- 7-16-95 Blow well & CO. TOOH. RU, ran logs. Set CIBP @ 5800'. TOOH. TIH w/153 jts 2 3/8" 4.7# J-55 EUE 8RD tbg, landed @ 5045'. ND BOP. NU WH. RD. Rig released.

Well will produce as Mesaverde single at this time. Gallup is temporarily abandoned w/CIBP @ 5800'; Dakota is temporarily abandoned w/CIBP @ 6650'.