

**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

1550' FSL, 810' 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 #24

9. API Well No.

30-039-20633

10. Field and Pool

Blanco MV/Basin DK/
WC; Ensenada Mesa Gal

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

6-26-95 MIRU. ND WH. NU BOP. TOO H w/tbg.

6-27-95 Blow well & CO. RU, ran 3 3/4" gauge ring to 7425'. POOH. TIH w/CIBP, attempt to set @ 7018'. Did not shear off. TIH w/fishing tools. Reset CIBP @ 6995'. POOH w/fishing tools. TIH w/4 1/2" pkr. Load hole w/86.5 bbl 2% Kcl wtr. RU. PT CIBP to 3500 psi/15 min, OK. PT backside to 1000 psi/10 min, OK. TOO H w/pkr. RU to run CBL.

6-28-95 Ran CBL-CCL-GR w/750 psi @ 0-7018', TOC @ 6786' & 2000'. No cmt across Gallup interval, poor bond across Mesaverde interval. Perf 2 sqz holes @ 6725'. TIH w/cmt retainer, set @ 6660'. Establish injection. Pump 145 sx Class "B" neat cmt, followed by 30 sx Class "B" cmt w/1% calcium chloride. Displace w/25 bbl wtr. Dump 1 bbl cmt on cmt retainer. Reverse out 1/2 bbl cmt. TOO H. WOC. RU, perf 2 sqz holes @ 6200'. TIH w/4 1/2" cmt retainer, set @ 6090'. POOH. TIH, establish injection. Pump 170 sx Class "B" neat cmt & 30 sx Class "B" cmt w/1% calcium chloride. Displace cmt w/23 bbl wtr. Reverse out 1.5 bbl cmt. RD. TOO H. WOC.

Continued on back

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

Signed [Signature] Title Regulatory Affairs Date 7/10/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

ACCEPTED FOR RECORD

JUL 17 1995

FARMINGTON DISTRICT OFFICE
BY [Signature]

- 6-29-95 WOC. TIH, tag cmt @ 6054'. Drill cmt @ 6054-6090', cmt retainer @ 6090-6092', cmt @ 6092-6200'. TIH to 6645', drill cmt @ 6645-6655'. Left 5' cmt on cmt retainer. Circ hole clean. PT csg to 1200 psi, would not hold. Roll hole w/2% Kcl wtr. TOOH. ND BOP. Chng out tbg head. RU, ran CBL-CCL-GR @ 5790-6654', TOC @ 6200'. Perf Gallup w/1 SPF @ 6332, 6338, 6354, 6376, 6390, 6420, 6445, 6459, 6489, 6505, 6521, 6536, 6557, 6600, 6607' w/15 holes total. RD.
- 6-30-95 PT to 3500 psi/15 min, OK. Set pkr @ 6220'. Establish injection w/19 bbl 2% Kcl wtr. Pump 2000 gal 10% acetic acid. Frac Gallup w/70,300# 20/40 DC sd, 1456 bbl 30# linear gel. SI for gel break. Release pkr, TOOH. Blow well & CO.
- 7-1-95 Blow well & CO to 6655'. Drill cmt @ 6655-6660, cmt retainer @ 6660-6662', cmt @ 6662-6760'. Blow well & CO. TIH to 7000'. Tag CIBP. TOOH. TIH w/RBP, set @ 5435'. Load hole w/2% Kcl wtr.
- 7-2-95 PT RBP to 1500 psi, OK. Dump sd on RBP. Spot 400 gal 10% Hcl across Mesaverde. TOOH. TIH w/4 1/2" FB pkr, set @ 60'. PT to 3500 psi/15 min, OK. Perf Mesaverde w/1 SPF @ 5198, 5200, 5203, 5205, 5208, 5229, 5240, 5258, 5260, 5262, 5264, 5299, 5308, 5344, 5360, 5361, 5368, 5370 w/18 holes total. Establish injection w/2% Kcl wtr. Pump 1500 gal 10% Hcl. Frac Mesaverde w/104,100# 16/30 Arizona sd, 15,540# 16/30 Super LC resin sd, 1260 bbl 30# linear gel. SI for gel break. RD.
- 7-3-95 Blow well & CO.
- 7-4-95 Blow well & CO. TOOH. TIH w/retrieving head. Blow well & CO.
- 7-5-95 Blow well & CO. Latch onto RBP, TOOH. RU, ran gauge ring to 6980'. POOH. TIH to CIBP @ 7000'. Ran multi-isotope traced @ 6150-6720', & 5100-5450'. RD. Blow well & CO.
- 7-6-95 Blow well & CO. TOOH. TIH w/31 jts 2-3/8" 4.7# J-55 EUE tbg & 4 1/2" FB pkr. Landed tbg @ 6442', set pkr @ 5431'. ND BOP. NU WH. RD. Rig released.

Well will produce as Gallup single at this time. Dakota is temporarily abandoned w/CIBP @ 7000'. Mesaverde is temporarily abandoned above packer @ 5431'.