

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry-Notices and Reports on Wells

96 SEP 26 PM 1:54

1. Type of Well
GAS

RECEIVED
OCT - 3 1996

070 FARMINGTON, NM

5. Lease Number
SF-079265
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
Klein #27

3. Address & Phone No. of Operator

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

9. API Well No.
30-039-21603

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

1590' FSL, 2040' FWL, Sec. 35, 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

- 8-12-96 MIRU. ND WH. NU BOP. TOOH w/226 jts 2 3/8" tbg. Blow well & CO. TOOH.
- 8-13-96 TIH w/4 1/2" RBP & pkr; set RBP @ 6700'. Load csg w/2% Kcl wtr. Set pkr @ 6676 PT RBP to 1000 psi/10 min, OK. Release pkr. Circ hole clean w/2% Kcl wtr. PT csg to 1000 psi/10 min, OK. TOOH w/pkr. TIH, ran CBL-CCL-GR @ 0-6700', TOC above stage tool @ 7118' is @ 6318', TOC above DV tool @ 5352' is @ 4368', TOC above DV tool @ 2207 is @ 1860'. TOOH. TIH w/FB pkr, set @ 60'. PT csg to 3800 psi, failed. TOOH w/pkr. TIH w/4 1/2" FB pkr, set @ 2793'. PT csg @ 2793-6700' to 2000 psi, failed. Reset pkr @ 5380', PT tbg to 1500 psi, OK. Reset pkr @ 5314' & 4695', PT to 1500 psi, OK. Attempt to reset pkr @ 4082'. TOOH to check pkr. Left pkr in hole. Screw into pkr @ 4082'. Pkr would not release.
- 8-14-96 Work stuck pkr @ 3985'. TIH, chemical cut tbg @ 3986'. TOOH w/128 jts tbg. TIH w/fishing tools. Fishing.
- 8-15-96 Fishing. TOOH w/pkr & fishing tools. TIH w/4 1/2" csg scraper to 6697'. TOOH.
- 8-16-96 Made multiple tools settings, found hole in csg @ 4180' & 2272'. Establish injection in hole @ 4180'. TIH w/FB pkr, set @ 3841'. Establish injection. Pump 50 sx Class "B" neat cmt w/1% calcium chloride. Displace w/17 bbl wtr. Sqz to 1500 psi. Reverse out w/30 bbl wtr. No cmt to surface. Set pkr, PT csg to 1500 psi, OK. TOOH w/pkr. TIH to 2320'. Pump 50 sx Class "B" neat cmt. Displace w/6 bbl wtr. TOOH. Sqz to 1500 psi, WOC.

Continued on back

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

ACCEPTED FOR RECORD

Signed [Signature] Title Regulatory Administrator Date 9/26/96

OCT 01 1996

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

Date

CONDITION OF APPROVAL, if any:

FARMINGTON DISTRICT OFFICE

BY [Signature]

- 8-17-96 WOC. TIH, tag TOC @ 1814'. Drill cmt @ 1814-2415'. Blow well & CO. PT csg to 1000 psi. OK. TIH, tag TOC @ 3863'. Drill cmt @ 3863-4087'.
- 8-18-96 Drill cmt @ 4087-4203'. Blow well & CO. Load csg w/2% Kcl wtr. PT csg to 1000 psi, C TOOH. TIH to 6650'. Reverse circ down to top of fish @ 6700'. TOOH. TIH to 5270'. Reverse circ clean. TIH to 6650', reverse circ clean. TOOH. TIH w/mill.
- 8-19-96 Mill junk on top of RBP @ 6700'. TOOH. TIH w/retrieving tool. Release RBP, TOOH. TIH to 7117'.
- 8-20-96 Blow well & CO. TOOH. Spot 20 bbl 2% Kcl wtr @ 5877'. Perf lower Dakota w/4 SPF @ 7034-7106' w/216 holes total. TOOH.
- 8-21-96 TIH w/2 CIBP, set @ 7015' & 6470'. PT CIBP to 500 psi/5 min, OK. Perf 2 sqz holes @ 6148 & 5780'. TIH w/4 1/2" FB pkr, set @ 5813'. Attempt to establish circ. TOOH w/FB pkr. TIH, perf sqz holes @ 5990'. TOOH. TIH w/4 1/2" cmt retainer, set @ 6024'. PT tbg to 2000 psi, OK. Establish injection. Pump 55 sx Class "B" cmt. Displace w/22 bbl wtr. Sqz to 1100 psi. Reverse circ w/30 bbl wtr. TOOH. TIH w/4 1/2" FB pkr, set @ 5700'. WOC. Reset pkr @ 5812'. Sqz to 1100 psi. Reset pkr @ 5568'. Establish injection. Not enough pressure to sqz. TOOH w/pkr. TIH to 5806'. Pump 25 sx Class "B" cmt. Displace w/21 bbl wtr. TOOH to 5176'. Sqz cmt w/3.5 bbl wtr. Sqz to 950 psi. WOC.
- 8-22-96 TOOH. WOC. TIH, tag TOC @ 5657'. WOC. Drill cmt @ 5657-5767'. PT top sqz @ 5780 to 1000 psi, OK. TIH, tag TOC @ 5943'. Drill cmt @ 5943-6024'. Drill cmt retainer @ 6024'. Drill cmt @ 6024-6160'. Circ hole clean. PT csg to 1000 psi, OK. TOOH.
- 8-23-96 Ran CBL across sqz interval @ 5700-6446', cmt interval @ 5754-5784' & 5966-6150'. TIH w/4 1/2" sap tool. Acidize w/22 bbl acid. TOOH w/sap tool. TIH w/4 1/2" FB pkr, set @ 6425'. PT CIBP @ 6470' to 3800 psi, failed.
- 8-24-96 TOOH w/pkr. TIH w/new pkr. Retest CIBP @ 6470' to 3850 psi, OK. TOOH w/pkr to 5777' PT back side to 500 psi, OK. Perf Gallup @ 5921-6385'.
- 8-25-96 Acidize Gallup w/15 bbl KCL. Frac w/54,000# 20/40 tempered DC sd, 235 bbl 30# linear gel. CO after frac. Release pkr, TOOH. TIH w/CIBP, set @ 5175'.
- 8-26-96 TIH w/4 1/2" FB pkr, set @ 5150'. PT CIBP to 3800 psi, OK. Spot 300 gal 7 1/2" Hcl. TOOH. Perf Point Lookout w/1 SPF @ 4799-5114' w/25 holes total. Acidize w/350 gal 15% Hcl. Frac w/100,000# 20/40 Arizona sd, 1561 bbl slk wtr, 235,700 SCF N2. CO after frac.
- 8-27-96 Blow well & CO. Drill CIBP @ 5175'. Blow well & CO.
- 8-28-96 Blow well & CO. TIH, chase CIBP to 6470'. Drill on CIBP @ 6470'. Blow well clean.
- 8-29-96 Chase CIBP to 7015'. Blow well & CO. TIH w/225 jts 2 3/8" 4.7# J-55 8RD EUE tbg, landed @ 6958'. ND BOP. NU WH. RD.
- 8-30-96 RD. Rig released.

Well will produce as a Mesaverde/Gallup/Dakota ^{Co} trimingle.