

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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BLM

94 FEB 23 AM 11:30

Primary Notices and Reports on Wells

070 FARMINGTON, NM

RECEIVED

FEB 28 1994

OIL CON. DIV.
NGL. 3

1. Type of Well
RAS

Lease Number
SF-078596

2. If Indian, All. or
Tribe Name

3. Name of Operator
MERIDIAN OIL

7. Unit Agreement Name

5. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

8. Well Name & Number
Howell C #4

9. API Well No.
30-045-09435

4. Location of Well, Footage, Sec., T, R, M
933' FSL, 931' FWL Sec. 18, T-30-N, R-8-W, NMPM

10. Field and Pool
Blanco Mesa Verde
11. County and State
San Juan 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 Injectio

☒ Other -

13. Describe Proposed or Completed Operations

02-08-94 MOL&RU. Kill well. ND WH. NU BOP. TOOH w/2 3/8" tbg. Ran scraper to 5310'.

02-09-94 CO to 5336'. Set RPB @ 4760'. Ran GR-CBL-CCL 4760-3300'. TOC @ 3354'. Set pkr @ 3690'. PT RBP, fell back, reset pkr @ 4700'. PT, fell back. Reset pkr @ 3308'. PT, fell back. TOOH w/pkr. TOOH w/RBP. Set CIBP @ 4760'. Set pkr @ 3308'. Load well w/wtr. PT backside 600#. fell to 0#/30 minutes. Reset pkr @ 4743'. Isolate leak. PT tbg 3800#. ok. Reset pkr @ 4703'. PT down tbg. ok. PT backside. leak.

02-10-94 Isolate leak 4671-4703'. TOOH w/pkr. TIH set pkr @ 3246'. Isolate csg leak. test 3246-30', no test. Reset pkr retest to 600#. lost 100#/3 minutes. TOOH w/pkr. TIH w/5 1/2" plug set @ 4655'. PT csg 4655-3260'. held 3800#. Release pkr & test csg, no test. TOOH w/pkr. TIH w/pkr @ 30'. PT below pkr @ 600 psi. lost 300#/5 minutes. Test above pkr @ 600 psi. lost 10#/5 minutes. LD pkr. TOOH w/RBP. TIH w/pkr set @ 4444'. Spot 50 sx Class "G" cmt w/40% gypsum. 0.35% TIC and 0.55% retarder. Hesitate squeeze. TOOH w/pkr.

02-11-94 Isolate leak 377-394'. Shot 2 holes @ 420'. Set pkr @ 174'. Est circ. Spot 200 sx Class "G" neat w/2% calcium chloride and 0.25 pps celloflake. WOC.

02-12-94 Drl out cmt 260-420'. PT csg 800#/15 min. ok. Drl cmt 4570-4700'. CO to 4760'. PT csg 800#/15 min.

(cont' d on back)

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

Signed [Signature]

Title Regulatory Affairs

ACCEPTED FOR RECORD

Date 2/22/94

This space for Federal or State Office use)

APPROVED BY _____ Title _____

FEB 24 1994

Date

FARMINGTON DISTRICT OFFICE

BY

[Signature]

Howell C #4
Page Two

- 02-13-94 Drl CIBP @ 4760'. Set RBP @ 5250'. Set pkr @ 4893'. PT 3800#. lost 300#/5 min. TIH to 5143'. Spot 250 gal acid. Perf Menetee 4924-5222'. Est inj rate. Reset pkr @ 4913'. Run pressure bomb to 4900'. SI.
- 02-14-94 SI for pressure build up
- 02-15-94 Frac Menetee w/36,360# 40 TC sand. 178,280# 20/40 sand and 81,480 gal x-link gel. TOOH w/pkr. Found hole in tbg 15' above ctm of pkr. Set RBP @ 4750'. Spot 1 sx sand on plug> Set pkr @ 4703'. Load hole w/wtr. PT RPB 3300#. lost 315#/10 min. Spot 1000 gal acid across Lewis. TOOH w/pkr. CO sand 4681-4730'. Spot 1000 gal acid across Lewis. Perf Lewis w/2 spr 4710-3820'. Set pkr @ 3697'. Est inj rate. Spot 2000 gal acid. Reset pkr @ 3697'.
- 02-16-94 Check for surface leaks. Reset pkr @ 3694'. Frac Lewis w/106,000# 20/40 sand and 15,000 gal x-link gel. TIH w/pkr, isolate csg leak 426-362'. Set RBP @ 3000'. Spot 2 sx sand on plug. Set pkr @ 446'. Spot 50 sx Class "B" w/2 % calcium chloride cmt plug 446-202'. WOC.
- 02-17/19 CO and blow well.
- 02-20/21 SI for 24 hr pressure build up. Blow well and CO.
- 02-22-94 Ran 167 jts 2 3/8", 4.7#, J-55 8rd EUE tbg land @ 5303'. F nipple @ 5269'. ND BOP. NU WH. Released rig