

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
990' FSL, 990' FWL, Sec.12, T-30-N, R-11-W, NMPM

5. Lease Number
SF-078198
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
8. Well Name & Number
Nye #1
9. API Well No.
30-045-09611
10. Field and Pool
Blanco Mesaverde
11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment

Type of Action

☐ Abandonment ☐ Change of Plans
☐ Recompletion ☐ New Construction
☐ Plugging Back ☐ Non-Routine Fracturing
☐ Casing Repair ☐ Water Shut off
☐ Altering Casing ☐ Conversion to Injection
☒ Other - Pay add & restimulation

13. Describe Proposed or Completed Operations

It is intended to add Lewis and Menefee pay and restimulate the Point Lookout of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
APR - 1 1996
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (MEL5) Title Regulatory Administrator Date 3/26/96

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____
CONDITION OF APPROVAL, if any:

APPROVED

MAR 28 1996
[Signature]
DISTRICT MANAGER

Nye #1 - Mesaverde
Point Lookout Restim/Menefee and Lewis Payadd
Lat-Long by TDG: 36.821747 - 107.947662
SW/4 Section 12, T30N-R11W
COMPLETION PROCEDURE 3/22/96

1. Hold safety meeting. MIRU. Comply with all MOI, BLM and NMOCD rules and regulations. Install 10 frac tanks and 1x400 bbl rig tank. Fill each frac tank with 3#'s of biocide and filtered (25 micron) 1% KCl water.
2. Obtain and record all wellhead pressures. ND WH, NU BOP. TOOH w/ 1-1/2" tubing set at 4904'. Replace bad tubing as necessary.
3. PU 5-1/2" (15.5#) casing scraper, TIH and run casing scraper to 4180'. TOOH.
4. TIH with 1-1/2" tubing, 3-1/2" (7.7#) casing scraper and 2-7/8" bit. CO to PBTD. TOOH.
5. RIH and wireline set a 3-1/2" CIBP @ 4740'. Load hole from surface w/ 1% KCL water.
6. RU wireline and run CBL-GR-CCL from \pm 4752' to surface. Run CNL from PBTD to 3000'. Send logs to engineering/geology immediately and perforation intervals and frac procedures will be provided. (Depending on CNL, additional Point Lookout interval may be perforated before restimulating.)
7. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer and pressure test casing and CIBP to 3800 psi. Release packer and TOOH standing back frac string. TIH w/ 1-1/2" tubing and 2-7/8" mill and drill up CIBP set @ 4740'. CO to PBTD.
8. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
9. **Maximum allowable treating pressure is 3800 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ max rate pressure will allow dropping 7/8" diameter RCN ball sealers spaced evenly throughout the job (2 balls per perforation hole). Release packer and TOOH standing back frac string.
10. RU wireline, retrieve balls w/ 3-1/2" junk basket and report number of hits.
11. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
12. **Hold safety meeting. Maximum allowable surface treating pressure is 3800 psi.**
13. Pressure test surface lines to 4800 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Restimulate the Point Lookout interval @ 40 BPM using 30# cross link and 80,000 lbs of sand (15% resin coated). Do not over displace during flush (Stage flush as soon as sand concentration begins to fall). Shut in well immediately after completion of the stimulation until pressure falls to zero.
14. Release packer and TOOH standing back frac string.
15. RIH and wireline set a 3-1/2" CIBP @ \pm 4740'. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer and pressure test CIBP to 3800 psi. Release packer and TOOH standing back frac string.
16. Perforate the Menefee interval using 3-1/8" HSC guns with 12 gram charges and 0.31" diameter holes. (Perforations will be provided after CNL is reviewed.)

Inspect guns to ensure all perforations fired. RD wireline.
17. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.

Nye #1
Mesaverde Restim/Payadd
3/22/96

18. **Maximum allowable treating pressure is 3800 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ max rate pressure will allow dropping 7/8" diameter RCN ball sealers spaced evenly throughout the job (2 balls per perforation hole). Release packer and TOOH standing back frac string.
19. RU wireline, retrieve balls w/ 3-1/2" junk basket and report number of hits.
20. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
21. **Hold safety meeting. Maximum allowable surface treating pressure is 3800 psi.**
22. Pressure test surface lines to 4800 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Fracture stimulate the Menefee interval @ 40 BPM using 30# cross link and 75,000 lbs of sand (15% resin coated). Do not over displace during flush. (Stage flush as soon as sand concentration begins to fall.) Shut in well immediately after completion of the stimulation until pressure falls to zero.
23. Release packer and TOOH standing back frac string.
24. RIH and wireline set a 5-1/2" RBP @ \pm 3900'. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer and pressure test RBP to 3800 psi. Release packer and TOOH standing back frac string.
25. Perforate the Lewis interval using 3-1/8" HSC guns with 12 gram charges and 0.31" diameter holes. (Perforations will be provided after reviewing CNL.)

Inspect guns to ensure all perforations fired. RD wireline.
26. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
27. **Maximum allowable treating pressure is 3800 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ max rate pressure will allow dropping 7/8" diameter RCN ball sealers spaced evenly throughout the job (2 balls per perforation hole). Release packer and TOOH standing back frac string.
28. RU wireline, retrieve balls w/ 5-1/2" junk basket and report number of hits.
29. TIH w/ 5-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.
30. **Hold safety meeting. Maximum allowable surface treating pressure is 3800 psi.**
31. Pressure test surface lines to 4800 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Fracture stimulate the Lewis interval @ 40 BPM using 30# cross link and 60,000 lbs of sand (15% resin coated). Do not over displace during flush. (Stage flush as soon as sand concentration begins to fall.) Shut in well immediately after completion of the stimulation until pressure falls to zero.
32. Release packer and TOOH laying down frac string.
33. TIH w/ retrieving head on 2-3/8" tubing and CO to RBP set @ 3900'. When sand rate has diminished, obtain pitot gauge for Lewis interval. Release RBP and TOOH.
34. TIH w/ 2-7/8" bit and CO to CIBP set @ 4740'. Obtain pitot gauge for Lewis / Menefee interval.

Nye #1

Mesaverde Restim/Payadd

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35. Drill up CIBP set @ 4740' and CO to PBTD. PU above the Mesaverde perforations and flow the well naturally, making short trips for clean up when necessary. Obtain pitot gauge for Mesaverde after clean up.
36. When sand has diminished, TOO H.
37. TIH with one joint of 1-1/2", 4.7#, J-55 tubing w/ expendable check, an F-nipple, then the remaining 1-1/2" production tubing. CO to PBTD. Land tubing near bottom perforation (4802').
38. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot up the tubing if possible. If well will not flow on it's own, make swab run to FN. If a swab run is not necessary, run a broach on slickline to ensure that the tubing is clear. RD and MOL. Return well to production.

Approval:

Drilling Superintendent

Approval:

Northwest Basin Team Leader

Contacts:

Engineer - Mary Ellen Lutey
Office - (599-4052)
Home - (325-9387)
Pager - (324-2671)

OR

Jimmy Smith
Office - (326-9713)
Home - (327-3061)

Frac Consultant - Mark Byars
Pager - (327-8470)
Mobile - (320-0349)
Home - (327-0096)

OR

Mike Martinez
Pager - (599-7429)
Mobile - (860-7518)
Home - (326-4861)

Pertinent Data Sheet - Nye #1

Location: 990' FSL, 990 FWL, Unit M, Section 12, T30N, R11W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 5922' GL

TD: 4975'

PBTD: 4957'

Completed: 05-11-51

Sidetrack: 05-24-68

DP #: 53577

Casing Record:

<u>Hole Size</u>	<u>Csg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
13 1/4"	10 3/4"	32.75#	196'	75 sxs	Surface/Circ
7 7/8"	5 1/2"	15.5# J-55	4665'	50 sxs	TOC @ 3075' TS
4 3/4"	3 1/2"	7.7# J-55	4184'-4975'	40 sxs	TOC @ 4184'

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
1 1/2"	2.9# J-55	4904'

Formation Tops:

Ojo Alamo:	1088'	Upper Cliffhouse:	3973'
Kirtland:	1130'	Massive Cliffhouse:	4076'
Fruitland:	2110'	Menefee:	4244'
Pictured Cliffs:	2428'	Massive Pt. Lookout:	4746'
Lewis:	2573'	Lower Pt. Lookout:	4811'

Logging Record: Temp Survey

Stimulation:

Open-Hole. Shot w/1,000 qts Nitro-Glycerin from 4694' to 5057'.

Workover History:

05/68: Pull 2 3/8" tbg. Cmt retainer @ 4524'. Cmt w/350 sxs cmt w/10% 20/40 sand, 2% CaCl. Set whipstock @ 4302' - 4316'. Cut 14' window. Ran 3 1/2" 7.7# w/hanger 797'. Top of liner @ 4182'. Cmt w/40 sxs cmt, 2% gel. Perf'd 4752'-4802' w/2 SPF. Sand-water frac w/86,000 gal water & 90,000# sand. Set RTTS pkr @ 4243'. Set BP @ 4243'. Set pkr @ 3968'. Cmt w/100 sxs cmt, 2% CaCl. Sqz to 3000#. CO. Re-Perf'd 4752'-4785' w/2 SPF. Frac'd w/3,500# 10/20 sand. Dropped 55 balls. Used 9,680 gal water. Ran 1 1/2" tbg. Landed @ 4904'.

Production History:

Transporter: Southern Union Gathering

NYE #1

AS OF 3/11/1996

BLANCO MESAVERDE

UNIT M, SECTION 12, T30N-R11W, SAN JUAN COUNTY, NM

