

State of New Mexico
Energy, Minerals and Natural Resources Department
Oil Conservation Division

Sundry Notices and Reports on Wells

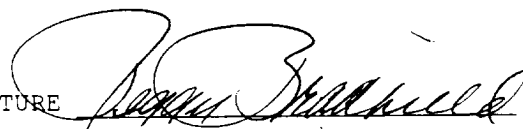
<p>1. Type of Well GAS</p> <hr/> <p>2. Name of Operator MERIDIAN OIL</p> <hr/> <p>3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M 1150'FSL, 1150'FWL, Sec.33, T-32-N, R-9-W, NMPM, San Juan County</p>	<p>API # (assigned by OCD) 30-045-11137</p> <p>5. Lease Number Fee</p> <p>6. State Oil&Gas Lease #</p> <p>7. Lease Name/Unit Name San Juan 32-9 Unit</p> <p>8. Well No. 36</p> <p>9. Pool Name or Wildcat Blanco Mesaverde</p> <p>10. Elevation:</p>
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Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other - Pay add	

13. Describe Proposed or Completed Operations

It is intended to repair the subject well and add pay to the Mesaverde zone according to the attached procedure and wellbore diagram.

RECEIVED
DEC - 8 1994
OIL CON. DIV.
DIST. 3

SIGNATURE  (MEL5) Regulatory Affairs December 6, 1994

(This space for State Use)
Approved by Original Signed by FRANK T. CHAVEZ Title SUPERVISOR DISTRICT #3 Date DEC - 8 1994

Pertinent Data Sheet - San Juan 32-9 Unit #36

Location: 1150' FSL, 1150' FWL, Section 33, T32N, R09W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 6628' GR

TD: 5955'

COTD: 5914'

Completed: 10-15-55

DP #: 69887

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 3/4"	9 5/8"	25.4# SW	173'	125 sxs	Surface/Circ
8 3/4"	7"	20.0# J-55	3615'	250 sxs	TOC @ 1840' TS
8 3/4"	5 1/2"	15.5# J-55	5955'	170 sxs	TOC @ 3120' TS

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
2 3/8"	4.7#	5873'

Formation Tops:

Ojo Alamo:	Undeveloped	Lewis:	3538'
Kirtland:	2745'	Cliffhouse:	5427'
Fruitland Coal:	3010'	Menefee:	5500'
Pictured Cliffs:	3470'	Point Lookout:	5755'

Logging Record: ES, ML, GRL, Ind., B&R, Temp Survey

Stimulation:

Perf'd: 5882'-5852', 5838'-5778', 5778'-5768', 5760'-5725' w/2 SPF

Frac'd: w/31,000 gal water & 35,000# sand

Perf'd: 5570'-5550' w/4 SPF

Workover History:

Production History:

Transporter: Meridian Oil Transportation, Inc.

San Juan 32-9 Unit #36 - Mesaverde
Cliff House and Menefee Payadd/Intermediate Flow Repair
Lat-Long by GITI: 36.937027 - 107.789474
SW/4 Section 33, T32N-R9W
November 15, 1994
Revised

1. Hold safety meeting. MIRU. Install safety equipment and fire extinguishers in strategic locations. Install 6x400 bbl frac tanks and 1x400 bbl rig tank. Fill each frac tank with 5#'s of biocide and filtered (25 micron) 2% KCl water.
2. Obtain and record all wellhead pressures. ND WH, NU BOP. TOOH with 2 3/8" tubing set at 5873'. Replace bad tubing as needed.
3. Pick up 4-3/4" bit and 5-1/2" 15.5# casing scraper and TIH. Make scraper run to PBTD of 5914'. TOOH. Lay down casing scraper and bit.
4. RU wireline and run TDT/GR from TD (5955') to 4955'. Send copy of TDT/GR to engineering and perforation intervals will be provided.
5. PU 5-1/2" RBP and wireline set RBP @ 5540'. Dump sand on top of RBP with dump bailer.
6. Load hole with fresh water and pressure test casing to 1000#. Run CBL-CCL-GR and noise log from 5540' to surface w/ 1000 psi. RD wireline. Send copy of CBL and noise log to engineering and a squeeze procedure will be provided. If necessary, cut 5-1/2" casing above TOC and pull. Locate and squeeze 7" failure.
7. After squeeze work, TIH w/ bit and tubing and drill out cement. Obtain 700 psi pressure test and resqueeze if necessary. TOOH w/ tubing and bit. TIH w/ retrieving head. Latch onto RBP, release RBP and TOOH.
8. Wireline set RBP @ 5715'. Dump sand on top of RBP with dump bailer.
9. Perforate the Menefee interval determined from TDT log under balanced w/ 1000' of hydrostatic using 0.37" diameter holes and 3-1/8" HSC guns. Inspect guns to ensure all perforations fired.
10. TIH w/ 2-3/8" tubing to 5700' and set packer. Pressure test tubing and BP to 3600 psi. Release packer and PUH to 5485'. Set packer @ 5485'. Balloff Menefee perforations with 1500 gallons of 15% HCl acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3600 psi. Release packer, TIH and knock balls off. TOOH.
11. TIH w/ RBP and Amerada pressure bomb. Set RBP and bomb @ 5485'. (Leave bomb on bottom for 24 hours.)
12. Perforate the Cliffhouse interval determined from TDT log under balanced w/ 1000' of hydrostatic using 0.30" diameter holes and 3-1/8" HSC guns. Inspect guns to ensure all perforations fired.
13. TIH w/ 2-3/8" tubing to 5470' and set packer. Pressure test tubing and BP to 3600 psi. Release packer and PUH to 5052'. Set packer @ 5052'. Balloff Cliffhouse perforations with 1500 gallons of 15% HCl acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3600 psi. Release packer, TIH and knock balls off. TOOH.
14. TIH and latch onto RBP and pressure bomb (set @ 5485') after 24 hours on bottom. TOOH w/ RBP and pressure bomb. Have BHP information sent to engineering within 24 hours.

15. TIH with an "F" nipple on the bottom of a 5-1/2" X 3-1/2" (N-80 turned down collars) frac liner and set across the producing interval from 5540' to 5580' (total of 40'). Run the frac liner (two Baker hydraulically set packers) on 3-1/2" fracstring. Drop blanking plug and set packers. TOOH.
16. PU fullbore packer and TIH to 5052'. Set fullbore packer @5052'. Load annulus through casing valves and pressure test tubing to 5000 psi. Retrieve blanking plug with slick line.
18. Install 5000# frac valve on top of the 3-1/2" fracstring.
19. RU BJ Services. Hold safety meeting. Test surface lines to 6000 psi. **Maximum surface treating pressure is 5000 psi.** Fracture Menefee and Cliffhouse according to attached procedure. Shut in well immediately after completion of the stimulation until pressure falls to zero. RD frac company.
20. Remove frac valve. Release packer and TOOH, laying down frac string. Lay down packer.
21. TIH, latch onto frac liner and release packers. TOOH, laying down frac liner.
22. SI well for 3 hours after stimulation to allow gel to break then flow-back naturally as long as possible. When either flow has ceased or returns have reached a level allowing re-entry of the wellbore, TIH with 2-3/8" tubing with notched collar. CO to PBTD of 5715'. PU above the Mesaverde perforations and flow the well naturally, making short trips for clean up when necessary.
23. When returns have diminished (both sand and water), TOOH. PU 5-1/2" packer and TIH with 2-3/8" tubing. Set packer @ 5485'. Flow test the Menefee for 3 hours. Report the results to engineering before proceeding. Release packer and TOOH.
24. PU retrieving head and TIH. Clean out to PBTD. Release RBP @ 5715' and TOOH.
25. TIH with tubing and clean out to PBTD of 5914'. When water rates and sand production have diminished, TOOH.
26. RU wireline company. Run after - frac GR. RD wireline company.
27. TIH with one joint of 2 3/8" tubing w/ expendable check, an F-nipple, then the remaining 2 3/8" tubing. CO to PBTD (5914'). Land tubing at 5892'.
28. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot. RDMO. Return well to production.

Approval:

Drilling Superintendent

Vendors:

Stimulation - BJ Services (327-6222)
TDT Log - Schlumberger (325-5006)
Tools - Baker Oil Tools (325-0216)
Perforating - Blue Jet (325-5584)

Contacts:

Engineering - Mary Ellen Lutey
Office - (599-4052)
Home - (325-9387)

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)

SAN JUAN 32-9 UNIT #36

AS OF 10/1/1994

BLANCO MESAVERDE

UNIT M, SEC 33, T32N, R09W, SAN JUAN COUNTY, NM

