

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
1840' FSL, 990' FWL, Sec. 19, T-32-N, R-9-W, NMPM

5. Lease Number
SF-078513
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 32-9 Unit
8. Well Name & Number
San Juan 32-9 U #59
9. API Well No.
30-045-11338
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

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 add pay to the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.

RECEIVED
AUG 23 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (MEL5) Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED

AUG 18 1995
/s/ Ken Townsend
DISTRICT MANAGER

San Juan 32-9 Unit #59 - Mesaverde
Cliffhouse/Menefee/ Lewis Payadd
Lat-Long by TDG: 36.967560 - 107.822601
SW/4 Section 19, T32N-R09W
August 4, 1995

The San Juan 32-9 Unit #59 is currently completed in the Point Lookout interval. In the original completion, the Menefee, Cliffhouse and Lewis intervals were by passed. The open hole logs indicate that 80' of pay is present in the Menefee and Cliffhouse intervals. The two intervals will be stimulated using a cross link system tailed in with resin coated sand to optimize frac length and reduce the cost during clean up. Temperature anomalies in the Lewis shale are indicative of natural fracturing. Therefore, it is intended to use this opportunity to stimulate the Lewis interval and study the potential in this area.

1. Hold safety meeting. MIRU. Comply with all MOI, BLM and NMOCD rules and regulations. Install 8 frac tanks and 1x400 bbl rig tank. Fill each frac tank with 5#'s of biocide and filtered (25 micron) 1% KCl water.
2. Obtain and record all wellhead pressures. ND WH, NU BOP. TOOH w/ 2-3/8" tubing set at 5937'. Replace bad tubing as necessary.
3. TIH with 2-3/8" tubing and 4-3/4" bit. CO to PBTD of 5978'. TOOH.
4. RU wireline and PU 7-5/8" (26.4#) casing scraper. Run casing scraper to 3605'. Run out of hole and PU 5-1/2" (15.5#) casing scraper. Run casing scraper to 5745'.
5. PU 5-1/2" RBP and wireline set RBP @ 5740'. Dump sand on top of RBP w/ dump bailer.
6. TIH w/ 2-3/8" tubing. Circulate hole clean and load w/ 1% KCL water. Pressure test to 1000 psi. Spot Menefee/Cliffhouse interval w/ 17 bbls of inhibited 15% HCL acid.
7. RU wireline and run CBL-GR-CCL from \pm 5978' to TOC under 1000 psi surface pressure. Run GSL from 5978' to 5000'. Send copy of logs to engineering and perforation intervals will be provided. RD wireline.
8. TIH w/ 7-5/8" fullbore packer and two joints of 3-1/2" N-80 frac string. Load hole w/ water and pressure test casing to 3000 psi. TOOH w/ packer and frac string.
9. RU wireline with full lubricator. Perforate the Menefee and Cliffhouse intervals top down using 3-1/8" HSC guns with 12 gram charges and 0.31" diameter holes. (Intervals will be provided after reviewing logs.) Inspect guns to ensure all perforations fired. RD wireline.
10. TIH w/ 7-5/8" fullbore packer and two joints of 3-1/2" N-80 frac string. RU stimulation company.
11. Balloff Menefee/Cliffhouse perforations with 1500 gallons of 15% HCL acid and RCN balls (2 balls per perforation hole). **Maximum allowable treating pressure is 3000 psi.** TOOH w/ frac string and packer. RU wireline, retrieve balls w/ 5-1/2" junk basket and report number of hits. RD wireline.
12. TIH w/ 7-5/8" fullbore packer and two joints of 3-1/2" N-80 frac string.
13. Hold safety meeting. **Maximum allowable treating pressure is 3000 psi.** Pressure test surface lines to 4000 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Fracture Menefee/Cliffhouse according to attached procedure. Do not over displace during flush. Shut in well immediately after completion of the stimulation until pressure falls to zero.

San Juan 32-9 #59
Mesaverde Payadd
August 4, 1995

14. Release packer and TOOH. Check and inspect packer. Wireline set a 5-1/2" RBP @ \pm 5050'. TIH w/ 5-1/2" fullbore packer and pressure test RBP to 3000 psi. Dump sand on top of RBP w/ dump bailer. TOOH.
15. TIH w/ 2-3/8" tubing and spot Lewis perforations w/ 3 bbls of inhibited 15% HCl acid. TQOH.
16. RU wireline w/ full lubricator. Perforate Lewis interval top down using 3-1/8" HSC guns with 12 gram charges and 0.31" diameter holes: (Perforation interval will be provided after reviewing logs). Inspect guns to ensure all perforations fired.
17. TIH w/ 7-5/8" fullbore packer and two joints of 3-1/2" N-80 frac string. RU stimulation company.
18. Balloff Lewis perforations with 1500 gallons of 15% HCL acid and RCN balls (2 balls per perforation hole). Maximum allowable treating pressure is 3000 psi. TOOH. RU wireline, retrieve balls w/ 5-1/2" junk basket and report number of hits. RD wireline.
19. TIH w/ 7-5/8" fullbore packer and two joints of 3-1/2" N-80 frac string.
20. Hold safety meeting. **Maximum allowable treating pressure is 3000 psi.** Pressure test surface lines to 4000 psi. (1000 psi over maximum treating pressure but less than the working pressure of the lines.) Fracture Lewis according to attached procedure. Do not over displace during flush. Shut in well immediately after completion of the stimulation until pressure falls to zero.
21. Release packer and TOOH.
22. TIH w/ retrieving head and CO to RBP @ \pm 5050' until sand production is minimal. Obtain pitot gauge for Lewis interval. Release RBP @ 5050' and TOOH.
23. TIH w/ retrieving head and CO to RBP @ \pm 5740' until sand production is minimal. Obtain pitot gauge for Mesaverde interval. Release RBP @ 5050' and TOOH.
24. TIH w/ notched collar and CO to PBTD (\pm 5978'). 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.
25. When sand has diminished, TOOH.
26. RU wireline company. Run After Frac GR from 5860' to top of tracer activity. RD wireline.
27. TIH with one joint of 2-3/8", 4.7#, J-55 tubing w/ expendable check, an F-nipple, then the remaining 2-3/8" production tubing. CO to PBTD (\pm 5978'). Land tubing at a minimum of 30' above PBTD.
28. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot. RD and MOL. Return well to production.

Approval:

Drilling Superintendent

Approval:

Northwest Basin Team Leader

San Juan 32-9 #59
Mesaverde Payadd
August 4, 1995

Contacts:

Engineering - Mary Ellen Lutey

Office - (599-4052)

Home - (325-9387)

Todd Mushovic

Office - (326-9584)

Home - (324-9387)

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)

Vendors:

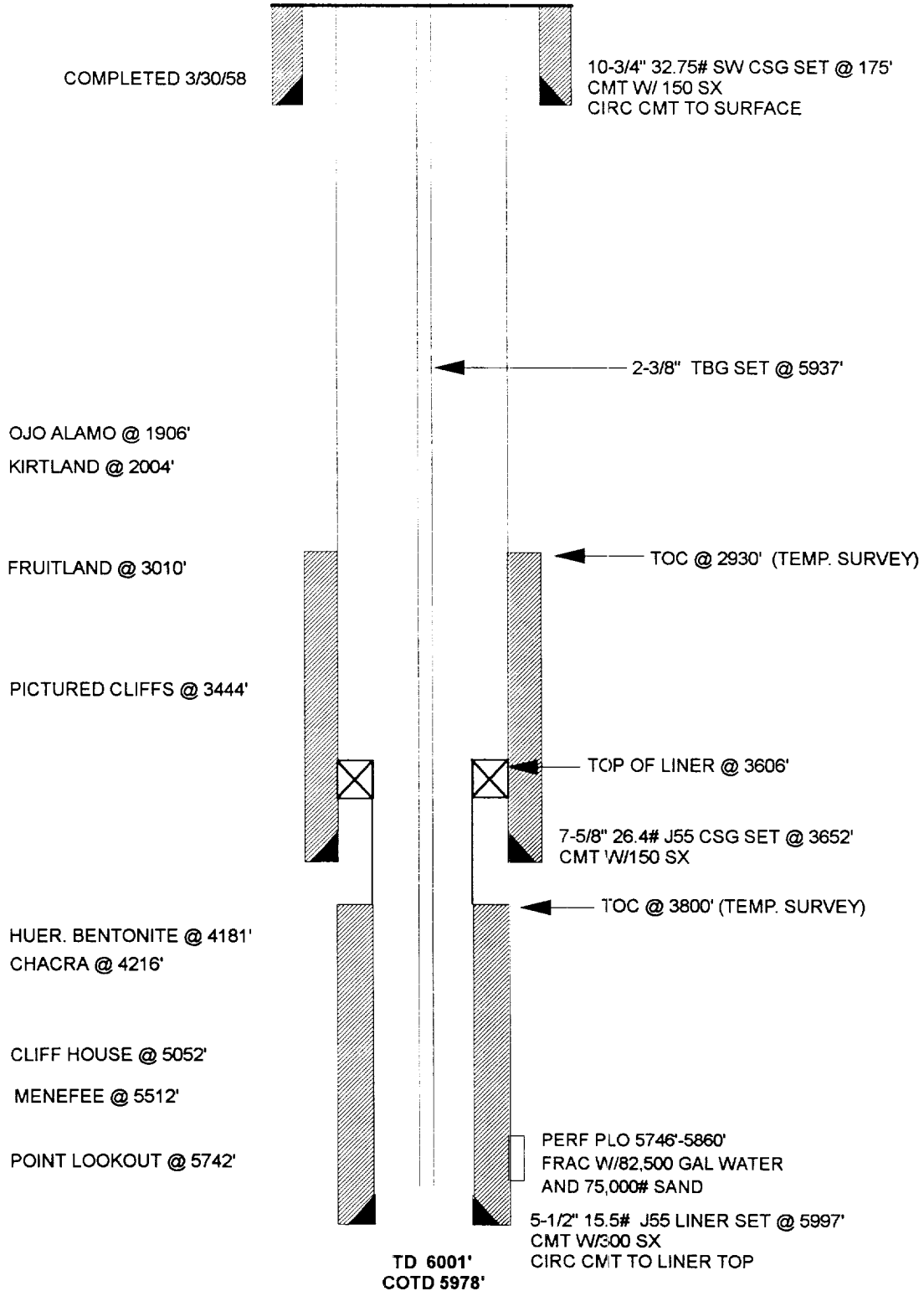
Wireline : Petro Wireline (325-5006)

Stimulation: Halliburton (325-3575)

SAN JUAN 32-9 UNIT #59

AS OF 9/1/1994
BLANCO MESAVERDE

UNIT K, SEC 19, T32N, R09W, SAN JUAN COUNTY, NM



Pertinent Data Sheet - San Juan 32-9 Unit #59

Location: 1840' FSL, 990' FWL, Unit K, Section 19, T32N, R09W, San Juan County, New Mexico

Field: Blanco Mesaverde

Elevation: 6618' GR
KB: 9'

TD: 6001'
COTD: 5978'

Spud Date: 02-24-58

Completed: 03-30-58

DP #: 69957

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"	10 3/4"	32.75# SW	175'	150 sxs	Surface/Circ
9 5/8"	7 5/8"	26.4# J-55	3652'	150 sxs	TOC @ 2930' TS
6 3/4"	5 1/2"	15.5# J-55	3606' - 5997'	300 sxs	TOC @ 3800' TS

Tubing Record:

<u>Tbg Size</u>	<u>Wt. & Grade</u>	<u>Depth Set</u>
2-3/8"	4.7#	5937'

Formation Tops:

Ojo Alamo:	1906'	Chacra:	4216'
Kirtland:	2004'	Cliffhouse:	5052'
Fruitland Coal:	3010'	Menefee:	5512'
Pictured Cliffs:	3444'	Point Lookout:	5742'
Huerfano Bentonite:	4181'		

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

Stimulation:

Point Lookout:

Perf'd: 5746'-5756', 5760'-5764', 5780'-5786', 5792'-5802', 5812'-5820',
5826'-5832', 5838'-5860'

Frac'd: w/ 82,500 gal water & 75,000# sand. Flushed w/ 9,500 gals.
Dropped 4 sets of 20 balls for 5 stages.

Workover History:

Production History: SI since 1991.

Transporter: Meridian Oil Transportation, Inc.