submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-077764

6. **If Indian, All. or Tribe Name**

7. **Unit Agreement Name**

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
Schumacher #1

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

9. **API Well No.**
30-045-09511

4. **Location of Well, Footage, Sec., T, R, M**
1750'FNL, 1650'FEL, Sec.17, T-30-N, R-10-W, NMPM

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	
_X_ Notice of Intent	___ Abandonment	___ Change of Plans
	___ Recompletion	___ New Construction
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing
	___ Casing Repair	___ Water Shut off
___ Final Abandonment	___ Altering Casing	___ Conversion to Injection
	_X_ Other - Pay add	

13. **Describe Proposed or Completed Operations**

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

RECEIVED
DEC 15 1995
OIL CON. DIV.
DIST. 3

RECEIVED
BLM MAIL ROOM
95 DEC -5 PM12:39
070 FARMINGTON, NM

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

Signed _____ (MEL5)Title Regulatory Administrator Date 12/4/95

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date
CONDITION OF APPROVAL, if any:

APPROVED
DEC 06 1995
DISTRICT MANAGER

NMOCD

Pertinent Data Sheet -Schumacher #1

Location: NE/4 1750' FNL, 1650' FEL, Unit G, Section 17, T30N, R10W,
Lat. 36.814346, Long. 107.903534 by TDG
San Juan County, New

Field: Blanco Mesaverde

Elevation: 6434' GL
KB: 10'

TD: 5842'
PBTD: 5797'

Completed: 02-02-52

Spud Date: 08-31-51

DP No: 47991A

Prop. No: 012588100

Fed. No: SF 077764

Casing/Liner Record:

Hole Size	Csg Size	Wt. & Grade	Depth Set	Cement	Top/Cement
12 1/4"	10 3/4"	30# SW	250'	150 SX	to surface
8 3/4"	7"	20# J-55	5111'	200 SX	TOC unknown
		Squeeze @	1770'	150 SX	500' (TS)
6 1/4"	4 1/2"	10.5# J-55	5812'	150 SX	2900' (TS)

Tubing Record: 2 3/8" 4.7 # J-55 tubing set at 5607'. Seating Nipple @ 5575'.

Formation Tops:

Ojo Alamo:	1650'	Cliff House:	4600'
Kirtland:	1767'	Menefee:	4792'
Fruitland:	2608'	Point Lookout:	5287'
Pictured Cliffs:	3005'		

Logging Record: Cased Hole Comp., Neutron, Temp. Survey

Stimulation: Originally shot open hole with 1248 quarts of SNG.

Workover History:

Sidetracked 09-30-85 @ 5125'.

Squeezed Ojo Alamo @ 1770' with 150 SX of cement. TOC @ 500' by T.S.

Sand water fractured Lower Point Lookout 5487'-5661' with 81,200 gallons of water and 58,000# of sand.

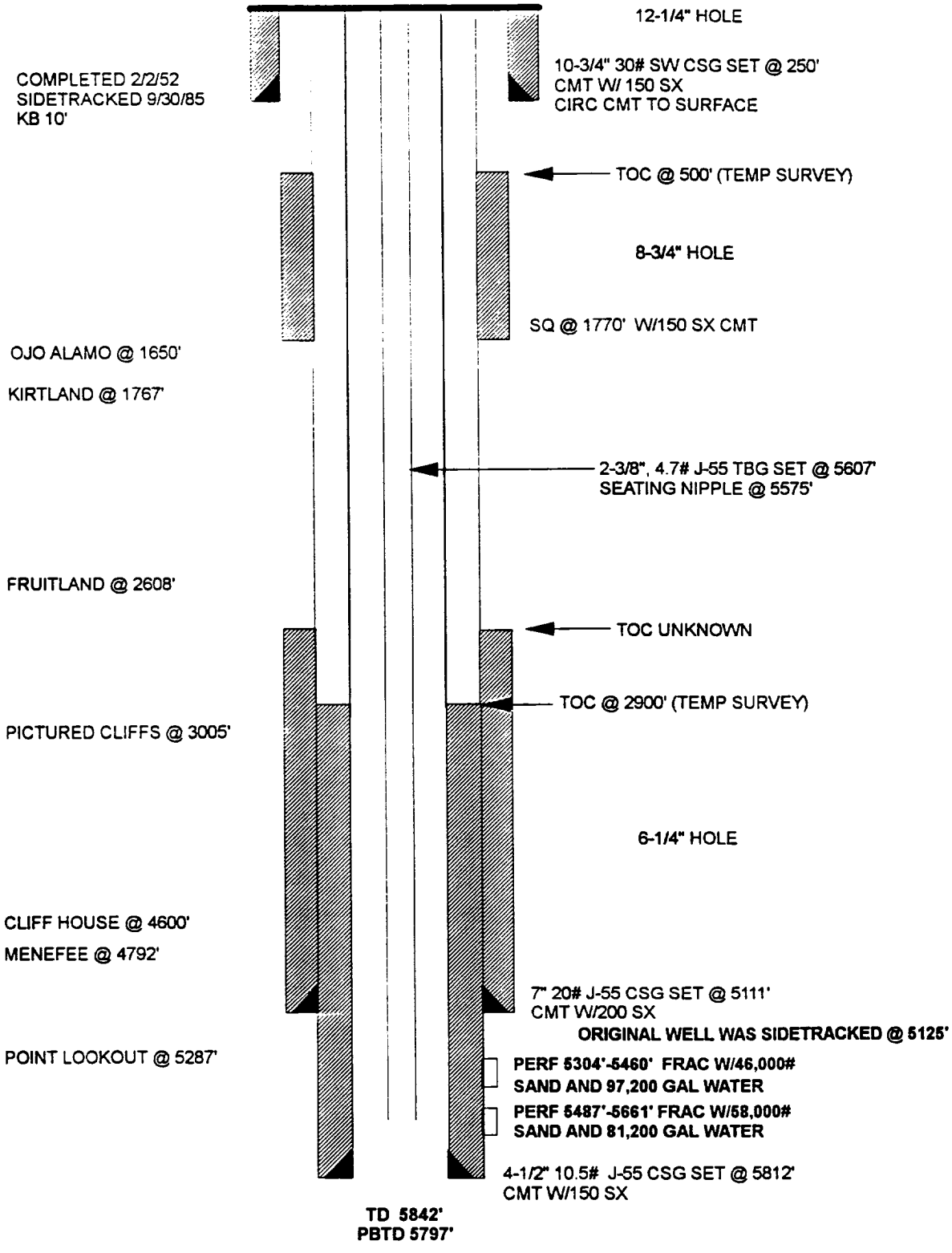
Sand water fractured Massive Point Lookout 5304'-5460' with 97,200 gallons of water and 46,000# of sand.

SCHUMACHER #1

AS OF 7/14/95

BLANCO MESAVERDE

1750' FNL, 1650' FEL
UNIT G, SEC 17, T30N, R10W, SAN JUAN COUNTY, NM



Schumacher #1 - Mesaverde
Cliffhouse and Menefee Payadd
Lat-Long by TDG: 36.814346 - 107.903534
NE/4 Section 17, T30N-R10W
August 24, 1995

1. Hold safety meeting. MIRU. Comply with all MOI, BLM and NMOCD rules and regulations. Install 13 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 5607'. Replace bad tubing as necessary.

3. TIH with 2-3/8" tubing, 4-1/2" (10.5#) casing scraper and 3-7/8" bit. CO to PBTD of 5797'. TOOH.

4. TIH w/ 4-1/2" CIBP and set CIBP @ 5275'. Load hole w/ 1% KCL water and pressure test to 1000 psi. Spot Menefee interval (± 4900' - ± 5200') w/ 250 gallons of inhibited 15% HCL acid. TOOH.

5. RU wireline and run CBL-GR-CCL from ± 5275' to TOC under 1000 psi surface pressure. Run CNL from 5275' to 4600'. Send copy of logs to engineering and perforation intervals will be provided. TIH w/ 7" 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.

6. Perforate the Menefee interval (± 4900' - ± 5200') 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.

7. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.

8. **Maximum allowable treating pressure is 3800 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ maximum 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.

9. RU wireline, run 4-1/2" junk basket and knock balls off perforations.

10. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.

11. **Hold safety meeting. Maximum allowable surface treating pressure is 3800 psi.**

12. 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 @ 30 BPM using 30# linear gel and 80m lbs of sand tagging w/ Irridium. (Final stimulation procedure will be attached after reviewing logs.) Do not over displace during flush. Shut in well immediately after completion of the stimulation until pressure falls to zero.

13. Release packer and TOOH standing back frac string. Check and inspect packer. RU wireline and set a 4-1/2" RBP @ ± 4800'. Load hole w/ 1% KCL water and pressure test RBP to 3800 psi. Dump sand on top of RBP w/ dump bailer.

14. Perforate Cliffhouse interval (± 4600' - ± 4750') using 3-1/8" HSC guns with 12 gram GOEX charges (0.26" and .22" diameter holes through 4-1/2" and 7" respectively). (Perforation interval will be provided after reviewing logs.) Inspect guns to ensure all perforations fired. RD wireline.

15. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.

Schumacher #1
Mesaverde Payadd
August 24. 1995

16. **Maximum allowable treating pressure is 3800 psi during acid job.** Pump 1500 gallons of 15% HCL acid @ maximum 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.

17. RU wireline, retrieve balls w/ 4-1/2" junk basket and report number of hits.

18. TIH w/ 4-1/2" fullbore packer and two joints of 2-7/8" N-80 frac string. Set packer.

19. **Hold safety meeting. Maximum allowable surface treating pressure is 3800 psi.**

20. 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 Cliffhouse interval @ 30 BPM using 30# linear gel and 105m lbs of sand tagging w/ Irridium. (Final stimulation procedure will be attached after reviewing logs.) 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 laying down frac string.

22. TIH w/ retrieving head and CO to RBP @ ± 4800' until sand production is minimal. Obtain pitot gauge for Cliffhouse interval. Release RBP @ 4800' and TOOH.

23. TIH w/ 3-7/8" bit and drill up CIBP set @ 5275'. CO to PBTD (5797'). 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.

24. When sand has diminished, TOOH.

25. RU wireline company. Run After Frac GR from 5661' to top of tracer activity. RD wireline.

26. 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 (± 5797'). Land tubing near bottom perforation (5661').

27. ND BOP's, NU WH. Pump off expendable check. Obtain final pitot. RD and MOL. Return well to production.

Approval: W. J. L. E 9/31
Drilling Superintendent

Approval: Gerald P Fish 9-14-95
Northwest Basin Team Leader