

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells--B (11-1-87)

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
1090'FSL, 1990'FWL, Sec.33, T-27-N, R-4-W, NMPM

5. Lease Number
SF-080675
6. If Indian, All. or
Tribe Name
7. Unit Agreement Name
San Juan 27-4 Unit
8. Well Name & Number
San Juan 27-4 U #27
9. API Well No.
30-039-06792
10. Field and Pool
Blanco Mesaverde
11. County and State
Rio Arriba 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

13. Describe Proposed or Completed Operations

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

RECEIVED
APR 10 1995
OIL CON. DIV.
DIST. 3

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

Signed [Signature] (CAN9) Title Regulatory Affairs Date 2/3/95

(This space for Federal or State Office use)

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

APPROVED
FEB 08 1995
DISTRICT MANAGER

NMOCD

Pertinent Data Sheet - San Juan 27-4 Unit #27

Location: 1090' FSL, 1990' FWL, Unit N, Section 33, T-27-N, R-04-W; Rio Arriba County, NM
Lat. 36.525650, Long. 107.257858; GITI

Field: Blanco Mesaverde

Elevation: 7197' GL

TD: 6373'

PBTD: 6330'

Spud Date: 08/28/60

DP#: 50386A (MV)

Completed: 09/15/60

Prop. #: 007972305

GWI: MV - 83.097592%

NRI: MV - 68.683759%

Casing Record:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>	<u>Cement</u>	<u>Top/Cement</u>
15"	10-3/4"	32.75# S.W.	214'	220 sx	Surface
9-5/8"	7-5/8"	26.40# J-55	4186'	120 sx	3850' (TS)
6-3/4"	5-1/2"	15.5# J-55	4117' - 6370'	220 sx	**

** 5-1/2" liner set @ 6370' and top of liner @ 4117'. Liner top would not pressure test. Sqz'd liner top w/ 50 sx.
TOC @ 4117' by TS.

Tubing Record:

<u>Tubing Size</u>	<u>Weight & Grade</u>	<u>Depth Set</u>
2-3/8"	4.70# J-55	6307' (201 jts)

Formation Tops:

Ojo Alamo (Est.)	3571'
Kirtland (Est.)	3661'
Fruitland (Est.)	3845'
Pictured Cliffs (Est.)	4000'
Lewis (Est.)	4081'
Cliffhouse	5755'
Menefee	5844'
Point Lookout	6160'
Mancos	6300'

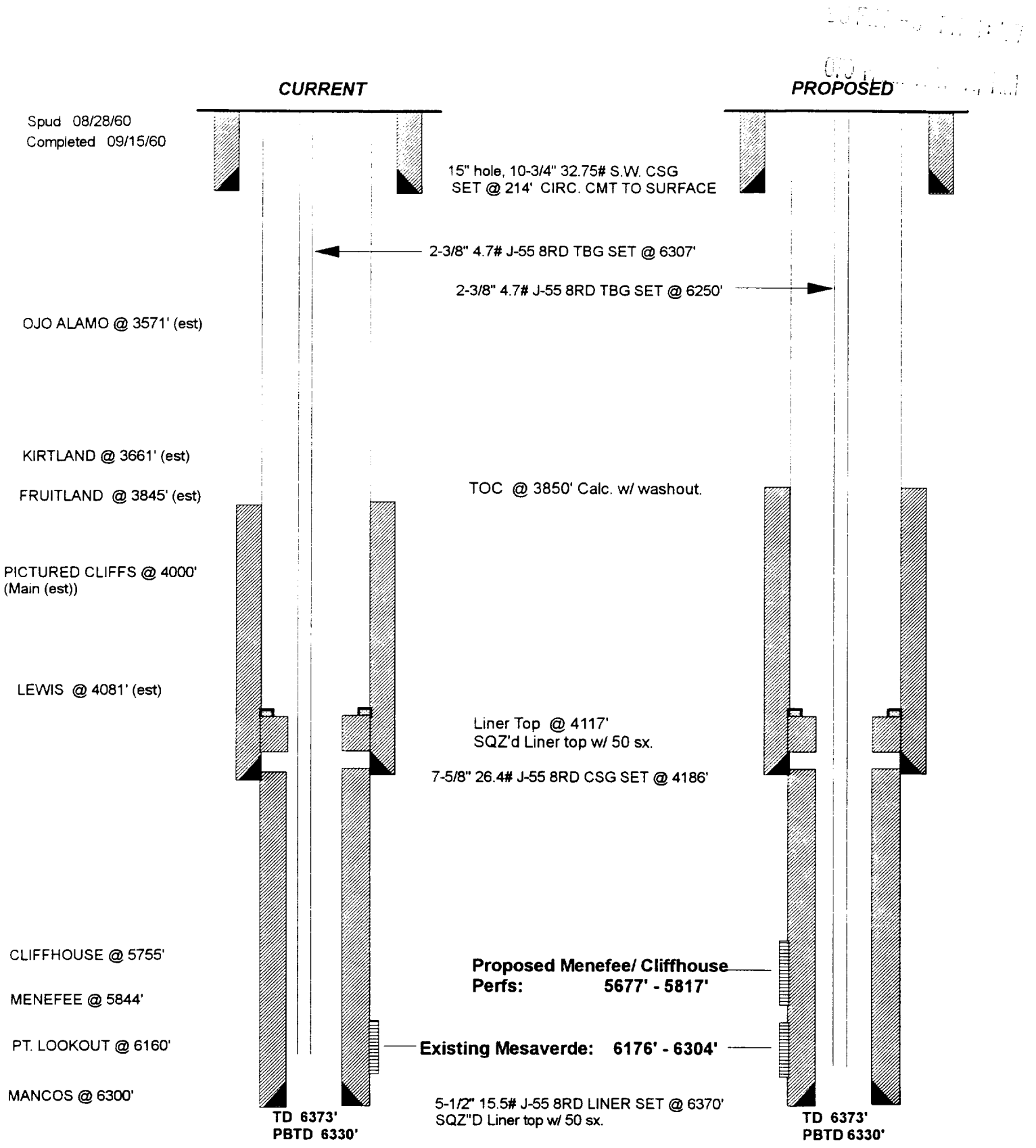
Logging Record: GR-Neutron, Induction, TS

<u>Stimulation:</u>	<u>Perfed Pt. Lookout:</u>	6176' - 6304'
	<u>Fraced Pt. Lookout:</u>	60,000 lbs sand and 60,900 gallons water.

Transporter: Gas - Williams Field Service
Oil - MOI

San Juan 27 - 4 Unit #27

UNIT N, SEC. 33, T-27-N, R-04-W, RIO ARRIBA COUNTY, NM
36.525650 Lat., 107.257858 Long.
Mesaverde Pay Add



San Juan 27-4 Unit #27
Unit N, Section 33, T27N, R04W
Mesaverde Pay Add

Inspect location and install and/or test rig anchors. Install 1 -400 bbl rig tank. Approximately 205 jts. 2-3/8" 4.7# J-55 tubing will be required (MOI, District Tools) for cleanout and production. Comply with all BLM, NMOCD, Forestry, and MOI rules and regulations. **BE SAFE**

*******All vendors/service companies on location will be responsible for protection of the environment, any questions call _____ at ____-____.*******

1. Install 10 X 400 bbl frac tanks and fill with 3800 bbls water.
2. Hold Safety Meeting. MIRU. Place fire and safety equipment in easily accessible locations. NU relief line and blooie line to laydown flow tank. Obtain and record all wellhead pressures.
3. Blow down tubing. If tubing will not blow down, kill well with KCl water. ND WH, NU BOP. PBTD is 6330'.
4. Tag PBTD, attempt to obtain baseline guage for the existing Pt. Lookout. TOOH with 6307' (201 jts) of 2-3/8" 4.70# tubing, visually inspect and tally tubing.
5. RU wireline. RIH with 7-5/8" 26.4# guage ring to 4100' then RIH with 5-1/2" 15.5# guage ring to 6150' and check pipe. PU 5-1/2" Retrievable bridge plug, TIH and set bridge plug at 5870'. Dump 2 sx sand on RBP. Run GR - CBL - CCL in casing from bridge plug to Surface pipe (Estimated TOC at 4117' by Temp. Survey). Good TOC must be above 5625' to continue. Evaluate GR - CBL - CCL and send copy to production engineering.
6. TIH w/ pkr and one stand 2-7/8" tbg. Pressure test pkr and one stand 2-7/8" tbg and casing to 3000 psi. for 15 min. If pressure test fails, prepare to test and repair casing. Contact Production Engineering and a casing repair will be submitted. TOOH with pkr and one stand 2-7/8" tbg.

Menefee/ Cliffhouse Stimulation:

7. TIH w/ 2-3/8" tubing and spot 7.5% HCl acid across the Menefee/ Cliffhouse interval. TOOH w/ tbg.
8. RU wireline and Select-Fire Perforate, top-down the following intervals w/ 3-1/8" HSC -3125-306, 12 gram Owen charges 0.31" holes w/ 12.02 " penetration, 2 spf, 180° phasing:

5677' - 5817'. (36 Total holes) Actual Select-Fire settings will be provided to the perforators prior to moving on this well.
9. TIH w/ one stand 2-7/8" tbg and pkr. RU stimulation company and prepare to breakdown and balloff with acid. Pump 1000 gals. of 7.5% HCl Acid @ 8-10 bbl/min. Drop a total of 60, 7/8" diameter, 1.3 specific gravity RCN ball sealers spaced evenly throughout the job. Record injection rate and all breakdown pressures throughout job. **Maximum treating pressure is 3000 psi.**
10. TOOH w/ tbg and pkr. RU wireline. RIH with junk basket and retrieve ball sealers. Record number of hits and balls recovered. TIH w/ one stand 2-7/8" tbg and pkr.
11. RU stimulation company. Hold safety meeting. Pressure test surface lines to 5000 psi (2000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 3000 psi.** Fracture stimulate the Menefee/ Cliffhouse interval according to attached procedure. Immediately upon completion of the stimulation, shut-in well to keep in static condition. TOOH w/ tbg and pkr.

**San Juan 27-4 Unit #27
Mesaverde Pay Add**

12. TIH w/ retrieving head and 2-3/8" tubing and continue cleaning out to RBP @ 5870 with air mist then pull above the perforations with the tubing. Continue this cycle until sand production and water production are minimal. **Obtain flow gauge for the Menefee/ Cliffhouse.** Latch on to the RBP @ 5870' and TOOH.
13. TIH w/ 2-3/8" tubing and continue cleaning out to COTD @ 6330' with air then pull above the perforations with the tubing. Continue this cycle until sand production and water production are minimal. **Obtain flow gauge for the entire Mesaverde.** TOOH
14. TIH with one joint 2-3/8" tubing, seating nipple and expendable check valve, (1.810" ID) and 2-3/8" production tubing. Rabbit production tubing. CO to COTD (6330') with air. Shut off the air and obtain final flow gauge. Continue cleaning out until sand and fluid production become minimal. Land tubing at approximately 6275' (55' of rathole). **Obtain final gauge.** NU WH. RDMO.

Approved: W S F
Drilling Superintendent

Suggested Vendors/Contacts:

Water haul:	Chief Transport	325-2396
Wireline:	Blue Jet	325-5584
Tubing:	MOI, District Tools	326-9826
Stimulation:	DS	325-5096
Packer/RBP:	Mountain States	326-5141
Rig Supervisor:		
Production Oper.:	Bruce Voiles	326-9571
Engineering:	Brian Ault	326-9871 w 326-6613 h