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**
NM-012573

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

7. **Unit Agreement Name**
San Juan 30-6 Unit

2. **Name of Operator**
MERIDIAN OIL

8. **Well Name & Number**
San Juan 30-6 U 66

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

9. **API Well No.**
30-039-07844

4. **Location of Well, Footage, Sec., T, R, M**
1850'FSL, 1650'FWL Sec.14, T-30-N, R-7-W, NMPM

10. **Field and Pool**
Undes. Pic. Cliffs

11. **County and State**
Rio Arriba 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	
	_x_ Recompletion	___ New Construction	
___ Subsequent Report	_x_ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injectio	
	___ Other -		

13. **Describe Proposed or Completed Operations**

It is intended to plug back the Mesa Verde formation and recomplete to the Pictured Cliffs per the attached procedure and wellbore diagram.

RECEIVED
MAR 2 8 1994
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
94 MAR 18 AM 7:57
070 FARMINGTON, NM

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

Signed Peggy Bradfield (JCG) Title Regulatory Affairs Date 3/17/94

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

APPROVED
MAR 2 2 1994
DISTRICT MANAGER

NMOCD

San Juan 30-6 Unit #66
SW/4 Section 14, T-30-N, R-07-W
Recommended Recompletion Procedure
Pictured Cliffs Recompletion

Note: Notify BLM (326-6201) and NMOCD (327-5344) 24 hours before rig activity

.1. Inspect location. Test location rig anchors and repair if necessary. Install 1 X 400 bbl rig tank and fill with water. Install 6 X 400 bbl frac tanks and fill with 2,322 bbls of usable 2% KCl water.

2. Hold safety meeting. MIRU. Place fire and safety equipment in strategic locations. Comply with all MOI, BLM, and NMOCD rules and regulations. 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 the well with water.

4. TOOH with 5352' of 2-3/8", 4.7# 8rd tubing. Visually inspect tubing. If the tubing will not pull out of the Mesa Verde open hole section then cut the tubing at 4710' (10' below the 5-1/2" shoe).

Mesa Verde Abandonment

5. TIH with 5-1/2", 15.5# casing scraper and 2-3/8" tubing. Make scraper run from the top of the liner (2980') down to 4680'. TOOH.

6. TIH with a cement retainer and stinger on the tubing. Set the retainer at 4650'. Pump two times the open hole volume of class B neat cement below the retainer. The open hole volume is 30 bbls. Pick up out of the retainer and dump 50' of cement (1.2 bbls) on top of the retainer. Pick up 60' and reverse out any remaining cement. TOOH.

7. RU wireline and run a CBL/GR in the 5-1/2" liner from 4300' to the top of the liner (2980'), and in the 7" casing from 2980' to 2700'. A procedure for any required squeezing will be issued as required.

8. Pressure test the plug and casing to 1000 psi. A procedure to fix any casing leaks will be issued at that time.

Pictured Cliff Recompletion/ Stimulation:

9. TIH with a Baker Model G Retrievable Bridge Plug in tandem with a 5-1/2" Left Hand Set Baker packer on a tapered string of 2-7/8" tubing and a 4-1/2" frac string. Set the bridge plug 50 feet below the bottom perf. Set the packer at 2990'. Pressure test the 5-1/2" casing to 3000 psi. Dump 2 sx of sand on top of the bridge plug.

10 Spot 500 gallons of 7.5% HCl with 1 gal/1000 clay control, 4/1000 silt suspender, 1/1000 inhibitor and 5/1000 sequestering agent, from the bottom perforation to approximately 2800'. TOOH.

11. RU the perforating company and perforate the Pictured Cliffs formation with 3-3/8" 23 gm 90 deg phase gun loaded at 4 SPF. The perforation interval will be chosen after the GR log

has been examined, but approximately 40 TO 60 feet will be shot with a bottom perf around 3100'.

12. RIH with a 5-1/2" packer on 2 joints of 2-7/8" tubing and the 4-1/2" frac string. Set the packer at 2990'. Pressure test the backside to 1000 psi to ensure the packer is set and maintain the pressure on the backside throughout the frac job.

13. RU stimulation company. Hold safety meeting. Pressure test surface lines to 4000 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 3000 psi.** Fracture well according to the procedure provided by production engineering. Shut in well for 6 hours upon completion of stimulation to allow gel to break.

14. Bleed off any remaining wellhead pressure by flow the well back through a choke. TOOH with the packer.

15. TIH with 2-3/8" tubing and retrieving head for the retrievable bridge plug. Cleanout to bridge plug with air until sand production is minimal. Obtain pitot gauge for the PC formation. Latch onto retrievable bridge plug and release bridge plug while pumping water down tubing-casing annulus if necessary. TOOH and lay down retrievable bridge plug.

16. RU wireline. Run Tracer Survey top down from 2900' to 100' below the bottom perf. Send copy of logs to Production Engineering. RD wireline.

17. TIH with an expendable check valve, one joint of 2-3/8" tubing, F nipple, and 2-3/8" production tubing. Cleanout to 150' below the bottom perforation with air. Pull up in well and land the tubing around 3200'. Obtain final pitot gauge. ND BOP's, NU WH. RD and MOL.

18. Hook-up well and produce for 14 days. Then shut-in for 7 days. RU wireline with a pressure gauge. Obtain a gradient survey and bottom hole pressure at the end of the 7 day shut-in.

Approved:_____
Dean Lingo

Approved: PWB
Patrick W. Bent

Vendors:

Wireline Services ..... Basin Perforating (327-5244)
Stimulation:..... BJ (327-6288)
Packers and Bridge Plugs: ..... Baker Service Tools (325-0216)
Tracer Company:..... Protechnics

Production Engineer:

Robin E. Hesketh Home: ..... (327-9174)
Office: ..... (326-9808)

Pertinent Data Sheet - San Juan 30-6 Unit #66

Location: 1850' FSL, 1650' FWL, Section 14, T-30-N R-7-W, Rio Arriba County, NM

Field: Blanco Mesaverde **Elevation:** 6100' GL **TD:** 5490' **PBTD:**

Completion Date: 7/29/52 Original
7/29/53 W/O **DP Number:** 69791

Initial Potential: 5535 MCF/D (original)
6160 MCF/D (workover)

Casing Record:

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	Top/Cement
13-3/4"	9-5/8"	36.0# J-55 8rd	175'	125 sx	Surface
8-3/4"	7"	20.0# J-55 8rd	3105'	125 sx	???
6-1/4"	5-1/2" liner	15.5# J-55 8rd	2980'-4700'	175 sx	4100' (TS)*

Tubing Record:

Tubing Size	Weight & Grade	Depth Set
2-3/8"	4.7# J-55 EUE	5359' (175 jts.) (perfs @ 5328'-5359')???

Formation Tops:

	Ojo Alamo	1984'	Lewis	3062'
	Kirtland	2110'	Cliffhouse	4802'
	Fruitland	2713'	Menefee	4930'
	Pictured Cliffs	2997'	Pt. Lookout	5352'

Logging Record: GRI, Temperature Survey

Stimulation: Shot w/1600 qts. SNG from 4799'-5489'.
* Liner squeezed @ top of liner w/75 sx, resqueezed w/100 sx.

Workover History: 7/29/53 W/O - cleaned out and tubing ran.
5/14/83 - well determined to have a hole in tubing, choke set @ 1025', tbg would not blow down, possible scale buildup.

Production History:

Initial Deliverability	275 MCFD	3 BOPD
Latest Deliverability	3 MCFD	0 BOPD

Transporter: EPNG

SAN JUAN 30-6 UNIT #66

CURRENT

BLANCO MESAVERDE

UNIT K, SECTION 14, T30N, R7W, RIO ARRIBA COUNTY, NM