submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
94 FEB 25 PM 2:19
070 FARMINGTON, NM

Sundry Notices and Reports on Wells

1. **Type of Well**
GAS

5. **Lease Number**
SF-080711B

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

2. **Name of Operator**
MERIDIAN OIL

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

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

8. **Well Name & Number**
San Juan 30-6 U 61

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

4. **Location of Well, Footage, Sec., T, R, M**
890'FSL, 1650'FWL Sec.34, T-30-N, R-6-W, NMPM

10. **Field and Pool**
Blanco Mesa Verde

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	
	___ Recompletion	___ New Construction	
___ Subsequent Report	___ Plugging Back	___ Non-Routine Fracturing	
	___ Casing Repair	___ Water Shut off	
___ Final Abandonment	___ Altering Casing	___ Conversion to Injectio	
	_x_ Other - pay add		

13. **Describe Proposed or Completed Operations**

It is intended to perforate and stimulate the Menefee and lewis intervals and add to the existing Mesa Verde formation per the attached procedure.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed _____ (REH) Title Regulatory Affairs Date 2/25/94

(This space for Federal or State Office use)
APPROVED BY _____ Title _____ Date MAR 03 1994
CONDITION OF APPROVAL, if any:

APPROVED
DISTRICT MANAGER

NMOCD

Pertinent Data Sheet - San Juan 30-6 Unit #61

Location: 890' FSL, 1650' FWL, Section 34, T-30-N R-6-W, Rio Arriba County, NM

Field: Blanco Mesaverde

Elevation: 6440' GL

TD: 5800'
PBTD: 5700'

Completion Date: 04/30/57

DP Number: 69784

Initial Potential: 20,664 MCF/D

Casing Record:

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	Top/Cement
	10-3/4"	32.75# SW	172'	135 sx	Surface
	7-5/8"	26.4# J-55	3632'	250 sx	2600' (TS)
	5-1/2"	15.5# J-55	5797'	300 sx	3930' (TS)

5-1/2" Float collar @ 5757'

Tubing Record:

Tubing Size	Weight & Grade	Depth Set
2-3/8"	4.7# J-55 8rd	5700' (182 jts)

Formation Tops:

Ojo Alamo	2508'	Cliffhouse	5211'
Kirtland	2615'	Menefee	5243'
Fruitland	3008'	Pt. Lookout	5505'
Pictured Cliffs	3380'	Mancos	5670'
Lewis	3489'		

Logging Record: ES, GRL, Induction, Temperature Survey

Stimulation: Frac Pictured Cliffs @ 5534'-5668' w/102,773 gal. water and 60,000# 20/40 sand
Frac Cliffhouse @ 5202'-5245' w/68,000 gal. water and 60,000# 40/60 sand

Workover History:

Production History:

Initial Deliverability	6258 MCFD	0 BOPD
Latest Deliverability	153 MCFD	0 BOPD

Transporter: NWPL

San Juan 30-6 Unit #61
SW/4 Section 34, T-30-N, R-06-W
Recommended Recompletion Procedure
Menefee/ Lewis Pay-Adds

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

1. Shut in well for 7 day pressure build-up. Record wellhead pressures.

2. Inspect location. Test location rig anchors and repair if necessary. Install 1 X 400 bbl rig tank and fill with filtered (2 microns) 2% KCl water. Install 8 X 400 bbl tanks for fraccing and fill 2% KCl water. Add 5# of biocide per tank before filling.

3. 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.

4. Blow down tubing. If tubing will not blow down, kill the well with the filtered KCl water.

5. TOOH with 5700' of 2-3/8", 4.7# 8rd tubing (182 jts). Visually inspect tubing and replace any bad joints.

6. TIH with 5-1/2", 15.5# casing scraper and 2-7/8", 6.40# workstring. Make scraper run down to 5530'. TOOH.

7. TIH with Baker Model G Retrievable Bridge Plug in tandem with 5-1/2" Left-Hand Set Baker Retrievamatic E-A Packer and workstring. Set retrievable bridge plug @ 5520', above the Point Lookout perforations. Pull up 2 joints, set packer and pressure test bridge plug to 3000 psi for 15 minutes. Dump 2 sx of sand on top of retrievable bridge plug.

8. PU and set the packer at 5150". Pressure test the backside to 2000 psi. Unseat packer TOOH.

9. RU wireline. Run GR-CBL-CCL from bridge plug to 3900' (TOC was originally located with a Temperature Survey at 3930). Evaluate GR-CBL-CCL and send copy to production engineering.

Menefee Stimulation:

10. TIH with the workstring and spot 5 bbls of inhibited 7-1/2% HCl from 5185' to 5395'. TOOH

11. Perforate the Menefee interval from 5360' to 5395' with 3-3/8" with 4 SPF 120 deg phase 14 gram charges with minimum standoff.
NOTE: SHOOT INTERVAL IN ONE RUN.

12. PU 5-1/2" straddle packer (isolation liner) on the 2-7/8" workstring. TIH and set the straddle packer to overlap the Cliffhouse perforations from 5200 - 5245'. **Bottom packer element at 5265' and the top element at** +/- 5170'. TOOH.

13. RIH with a pressure gauge on the wireline to 5375'. Record the pressure build-up for 6 hours. TOOH, RD wireline.

14 RIH with packer on workstring and set 2 joints below wellhead. Pressure test the backside to 1000 psi to ensure the packer is set.

15. 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 procedure provided by production engineer.

16 Collect the required post frac pressure fall-off information. Bleed off any remaining pressure by flowing the well through a choke. TOOH with the packer.

17. TIH with the straddle packer retriever on the workstring and retrieve straddle packer. TOOH.

Lewis Stimulation:

18. TIH with Baker Model G Retrievable Bridge Plug in tandem with 5-1/2" Left-Hand Set Baker Retrievamatic E-A Packer and workstring. Set retrievable bridge plug @ 4650', above the Upper Cliffhouse perforations. Pull up 2 joints, set packer and pressure test bridge plug to 3000 psi for 15 minutes. Dump 2 sx of sand on top of retrievable bridge plug.

19. RU wireline. Perforate the following Lewis intervals with 3-1/8" HSC and 12 gram Owen 3125-306 charges (Dp = 0.28", Penetration = 14.60"). RD wireline.

4089'	4095'	4102'	4107'	4118'
4135'	4147'	4157'	4180'	4196'
4215'	4257'	4263'	4390'	4317'
4324'	4385'	4390'	4398'	4412'
4415'	4457'	4522'	4535'	4541'
4550'	4559'	4597'		

Total: 28 holes.

20. TIH with packer and workstring. Set packer @ 3089' and prepare to breakdown perforations. Install TIW valve on top of tubing for acid job.

21. RU stimulation company. **Maximum treating pressure during acid job is 3000 psi.** Pump 36 bbls of 7-1/2% HCl @ 4 bbl/min. Add 1/1000 gallons clay control agent, 4/1000 gallons silt suspender, 1/1000 gallons corrosion inhibitor, 5/1000 gallons iron sequestering agents to the acid. Drop a total of 54 7/8" diameter and 1.1 specific gravity RCN ball sealers spaced evenly throughout the job (approximately 1 ball every 7.5 seconds). Record injection rate and all breakdown pressures throughout job.

22. Release packer. Run packer and tubing down to 4620' and knock balls off perforations with packer. Pull up hole with packer and set @ 60'. Prepare to fracture stimulate well.

23. 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.

24. Bleed off any remaining wellhead pressure by flowing the well through a choke. TOOH with the packer.

San Juan 30-6 Unit # 61
Menefee/ Lewis Payadds

23. TIH with 2-3/8" tubing and retrieving head for the retrievable bridge plug above the Cliffhouse. Cleanout to bridge plug with air until sand production is minimal. Obtain pitot gauge for the Lewis formation. Record pitot gauge as the Lewis formation only. 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.

24. TIH with 2-3/8" tubing and retrieving head for the retrievable bridge plug above Point Lookout. Cleanout to bridge plug with air until sand production is minimal. Obtain pitot gauge for the Lewis/ Cliffhouse/ Menefee formations. Record pitot gauge as the Lewis/ Cliffhouse/ Menefee formations. 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.

25. RU wireline. Run Tracer Survey top down from 3900' to 5600'. Send copy of logs to Production Engineering. RD wireline.

26. TIH with an experidable check valve, one joint of 2-3/8" tubing, seating nipple, and 2-3/8" production tubing. Cleanout to COTD (5750') with air (using 2 to 3 joints of extra 2-3/8" as needed). Pull up in well and land tubing around 5700'. Obtain final pitot gauge. ND BOP's, NU WH. RD and MOL.

25. 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: _____
Jim Howieson

for DBJ

Vendors:

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

Production Engineer:

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