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 65R

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

9. **API Well No.**

4. **Location of Well, Footage, Sec., T, R, M**
1750'FSL, 850'FWL Sec.13, T-30-N, R-7-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.

RECEIVED
FEB 01 1994
OIL CON. DIV.
DIST. 3

RECEIVED
BLM
94 JAN 19 AM 8:06
070 FARMINGTON, NM

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

Signed _____ (REH) Title Regulatory Affairs Date 1/18/94

APPROVED
JAN 21 1994
DISTRICT MANAGER

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

NMOCD

Pertinent Data Sheet - San Juan 30-6 Unit #65R

Location: 1750' FSL, 850' FWL, Section 13, T-30-N R-7-W, Rio Arriba County, NM

Field: Blanco Mesaverde **Elevation:** 6248' GL **TD:** 5705' **PBTD:** 5675'

Completion Date: 09/08/70 **DP Number:** 69790

Initial Potential: 7586 MCF/D

Casing Record:

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement	Top/Cement
13-3/4"	9-5/8"	32.3# H-40 8rd	244' KB	190 sx	Surface
8-3/4"	7"	20.0# J-55 8rd	3488' KB	150 sx	??
6-1/4"	4-1/2"	10.5# KS 8rd	3367'-5705'	220 sx	?? No cmt on rev. out

Tubing Record:

Tubing Size	Weight & Grade	Depth Set
2-3/8"	4.7# J-55 8rd EUE	5647' KB (180 jts)

Formation Tops:

Pictured Cliffs	3203'
Mesaverde	5064'
Pt. Lookout	5403'

Logging Record: IES, FDC/GR, Temperature Survey

Stimulation: Frac 5068'-5134' w/35,000# 20/40 sand and 36,100 gal water
Frac 5420'-5660' w/70,000# 20/40 sand and 70,670 gal water

Workover History:

Production History: Initial Deliverability 3037 MCFD 0 BOPD
Latest Deliverability 38 MCFD 0 BOPD

Transporter: NWPL

San Juan 30-6 Unit #65R
SW/4 Section 13, T-30-N, R-07-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 5647' of 2-3/8", 4.7# 8rd tubing (180 jts). Visually inspect tubing and replace any bad joints.

6. TIH with 4-1/2", 10.5# casing scraper and a tapered workstring consisting of +/- 3260' of 3-1/2" 9.3# and enough 2-7/8", 6.40# to reach the objective. Make scraper run down to 5420'. TOOH.
NOTE: Always use +/- 3260' of 3-1/2" on all workstring runs to minimize friction pressures. Add 2-7/8" as needed to reach the objective.

7. TIH with Baker Retrievable Bridge Plug in tandem with 4-1/2" Left-Hand Set Baker Packer and workstring. Set retrievable bridge plug @ 5040', above the Cliffhouse perforations. Pull up 2 joints, set packer and pressure test bridge plug to 3000 psi for 15 minutes. Unseat the packer and load the hole with filtered KCl water. TOOH

8. RU wireline. Run GR-CBL-CCL from bridge plug to 3900' (TOC was not originally located with a Temperature Survey). Evaluate GR-CBL-CCL and send copy to production engineering.

9. TIH and set the packer at 2 joints below the wellhead. Pressure test the casing to 3000 psi. Unseat packer TOOH.

10 TIH with the bridge plug retrieving tool and the packer on the workstring. Unseat the bridge plug at 5040', and reset it at 5400'. Pull up 2 joints set the packer and pressure test the bridge plug to 3000 psi for 15 minutes.

Menefee Stimulation:

11. Pull up with the workstring and spot 3 bbls of inhibited 7-1/2% HCl with iron sequestering agent and surfactant from 5182' to 5370'. TOOH

San Juan 30-6 Unit # 65R
Menefee/ Lewis Payadds

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

5205'	5208'	5218'	5220'	5222'
5226'	5228'	5230'	5232'	5304'
5306'	5308'	5310'	5317'	5350'
5352'	5354'	5356'	5358'	5360'
5362'	5364'	5366'		

Total: 23 holes.

13. PU 4-1/2" straddle packer (isolation liner) with 2-7/8" tubing between the packers. TIH on the workstring. Set the straddle packer to overlap the Cliffhouse perforations from 5068'-5134'. **Bottom packer element at 5150' and the top element at +/- 5150'.** TOOH.

14. RIH with a pressure gauge on the wireline to 5300'. Record the pressure build-up for 6 hours. TOOH, RD wireline.

15 TIH with packer on workstring and set at 4850'. Pressure test the backside to 1000 psi to ensure the packer is set.

16. 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.

17 After collecting the required post frac pressure decline data, flow back the well on a choke until the pressure is bled off. TOOH with the packer and the workstring.

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

Lewis Stimulation:

19. TIH with Baker Retrievable Bridge Plug in tandem with 4-1/2" Left-Hand Set Baker Packer and workstring. Set retrievable bridge plug @ 4500', 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.

20. 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.

3966'	3990'	4006'	4014'	4026'
4036'	4044'	4046'	4048'	4177'
4188'	4209'	4251'	4255'	4261'
4266'	4274'	4310'	4312'	4320'
4324'	4328'	4332'	4385'	4395'
4398'	4402'	4405'		

Total: 28 holes.

21. TIH with packer and workstring. Set packer @ 3900' and prepare to breakdown perforations. Install TIW valve on top of tubing for acid job.

San Juan 30-6 Unit # 65R
Menefee/ Lewis Payadds

22. 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.

23. Release packer. Run packer and tubing down to 4450' and knock balls off perforations with packer. TOOH. Remove excess 2-7/8" tubing. TIH and set packer at 3850'. Prepare to fracture stimulate well.

24. 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.

25 Flow back the well on a choke until the pressure is bled off. TOOH with the packer and the workstring.

26. 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.

27. 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.

28. RU wireline. Run Tracer Survey top down from 3800' to 5500'. Send copy of logs to Production Engineering. RD wireline.

29. TIH with an expendable check valve, one joint of 2-3/8" tubing, seating nipple, and 2-3/8" production tubing. Cleanout to COTD (5675') with air (using 1 to 2 joints of extra 2-3/8" as needed). Pull up in well and land tubing around 5647'. Obtain final pitot gauge. ND BOP's, NU WH. RD and MOL.

28. 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

Set for DST