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 ~~07824-B~~ 078417B

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

7. **Unit Agreement**
   San Juan 29-7 Unit

2. **Name of Operator**
   MERIDIAN OIL

8. **Well Name & Number**
   S. J. 29-7 U #66

3. **Address & Phone Number of Operator**
   P. O. Box 4289, Farmington, NM 87499 (505) 326-9700

9. **API Well No.**

4. **Location of Well, Footage, Section, T, T, M**
   1090' FNL, 1840' FEL Section 22, T-29-N, R-07-W, NMPM

10. **Field and Pool**
    Blanco Mesaverde

11. **County and State**
    Rio Arriba, 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	

13. **Describe Proposed or Completed Operations**

It is intended to perforate and fracture stimulate the Menefee and Lewis intervals of the Mesaverde per the attached procedure and wellbore diagram.

RECEIVED
MAY 18 1993
OIL CON. DIV.
DIST. 3

RECEIVED
93 MAY 11 PM 2:08
070 FARMINGTON, NM
BLM

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

Signed Peggy Bradfield (KS) Title Regulatory Affairs Date 5/10/93

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

APPROVED
MAY 14 1993
DISTRICT MANAGER

NMOCD

Pertinent Data Sheet - San Juan 29-7 Unit #66

Location: SW/4 Sec. 22, T-29-N, R-07-W, Rio Arriba Co.,NM

Field: Blanco Mesa Verde **Elevation:** 6785' GL 6795' DF **TD:** 5948' **COTD:** 5911'

Spud Date: 4/17/58
Completed: 5/20/58

Initial Potential:
AOF: 20,383 MCF/D
SICP: 1079 PSI

Casing Record:

Hole Size	Casing Size	Weight & Grade	Depth Set	Cement/Top
15"	10-3/4"	32.75# SW	173'	150 sx / surface
9-7/8"	7-5/8"	26.40# J-55 8rd	3757' - surf	200 sx / 3210' (Temp)
6-3/4"	5-1/2" Liner	15.50# J-55 8rd	5945' - 3684'	250 sx / 3682' (Temp)

Tubing Record:

Tubing Size	Weight & Grade	Depth Set
2-3/8"	4.7# J-55 8rd	5854' w/ seating nipple.

Formation Tops:

Ojo Alamo	2614'
Kirtland	2784'
Fruitland	3286'
Pictured Cliffs	3576'
Lewis	3722'
Cliff House	5316'
Menefee	5410'
Point Lookout	5710'

Logging Record: ES, GRN, GR, IND, ML, Temperature Survey

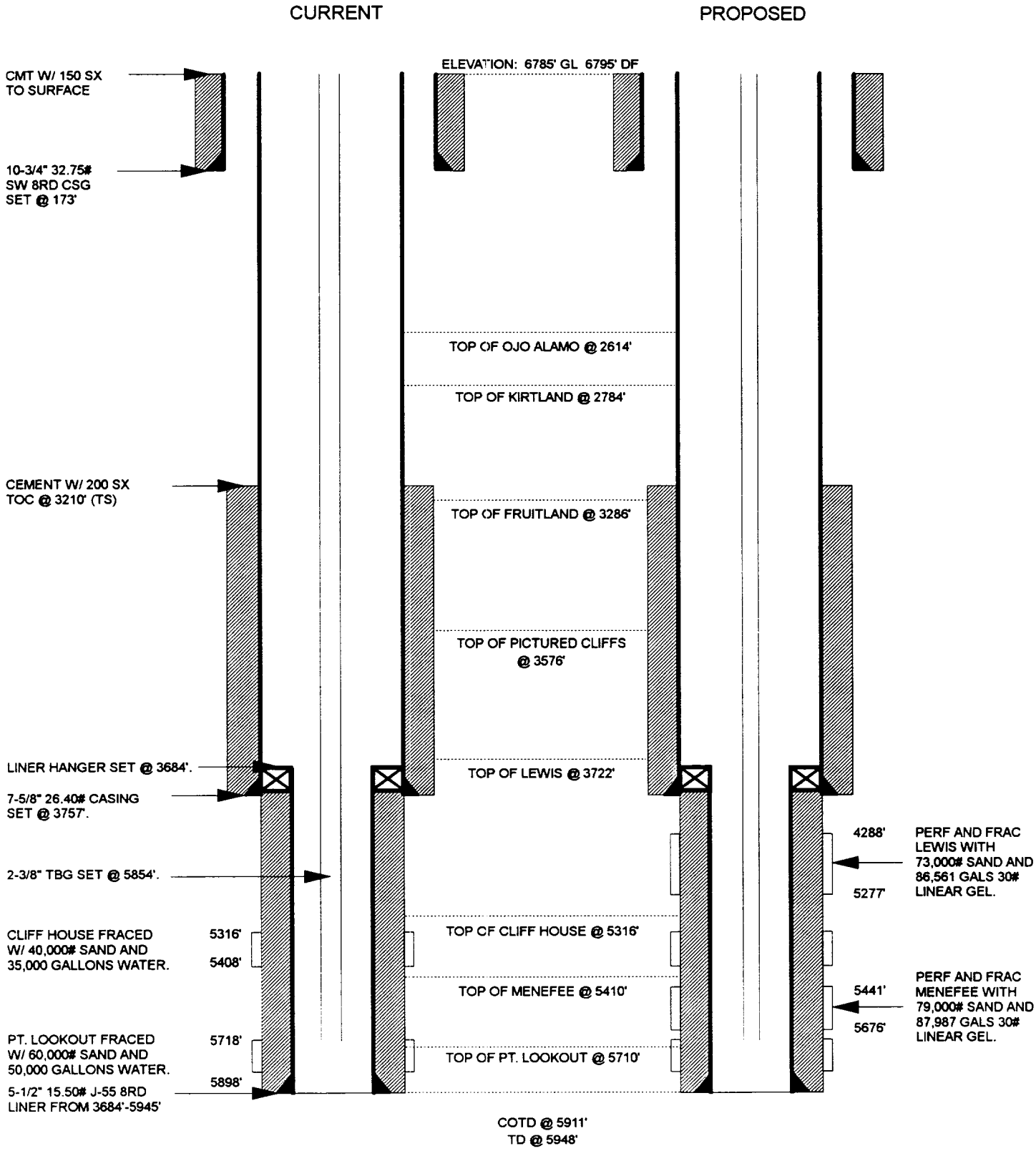
Stimulation: Perforated Pt Lookout: 5718'-5730', 5740'-5760', 5774'-5824', 5834'-5856', 5876'-5898'.
Fraced: sandwater frac w/ 60,000# 20/40 sand and 50,000 gal water.
Perforated Cliff House: 5316'-5336', 5360'-5372', 5386'-5408'.
Fraced: sandwater frac W/ 40,000# 20/40 sand and 35,000 gal water.

Workover History: None.

Transporter: Condensate: Meridian Oil Inc.
Gas: El Paso Natural Gas Co.

San Juan 29-7 Unit #66
SW/4 Section 22, T-29-N, R-07-W
Rio Arriba County, New Mexico

Wellbore Schematic



San Juan 29-7 Unit #66
SW/4 Section 22, T-29-N, R-7-W
Recommended Recompletion Procedure
Menefee/Lewis Pay-Adds

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 2% KCl water. Install 6 X 400 bbl frac tanks and fill with 2,322 bbls of useable 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 well with water.

4. TOOH with 5854' of 2-3/8", 4.7# 8rd tubing. Visually inspect tubing and replace any bad joints.

5. TIH with 5-1/2", 15.50# casing scraper and 2-7/8", 6.40# X 3-1/2", 9.20# tapered workstring. Make scraper run down to 5690'. TOOH.

6. TIH with Baker Model G Retrievable Bridge Plug in tandem with 5-1/2" Left-Hand Set Baker Retrievamatic E-A Packer and 2-7/8" X 3-1/2" workstring. Set retrievable bridge plug @ 5690' above Point Lookout perforations. Pull up hole, set packer @ 5425', and pressure test bridge plug to 3000 psi for 15 minutes. Dump 2 sx of sand on top of retrievable bridge plug.

7. Release packer and pull up in hole to 5305'. Load backside of well with water and pressure test to 1000 psi for 15 minutes. TOOH and reload well with water. If pressure test fails, prepare to test and repair casing. Contact production engineering and a casing repair will be submitted.

8. RU wireline. Run GR-CBL-CCL in 5-1/2" liner from bridge plug @ 5690' to 4100' and from 3300' to TOC in 7-5/8" casing (TOC was located @ 3210' with Temperature Survey). Evaluate GR-CBL-CCL and send copy to production engineering.

Menefee Stimulation:

9. Perforate the following Menefee intervals select fire with 3-3/8" HSC and 14 gram Owen 3375-302 charges with minimum standoff (Dp = 0.34", Penetration = 21.26"). RD wireline.

5441'	5443'	5467'	5470'	5472'
5474'	5479'	5493'	5505'	5507'
5519'	5523'	5525'	5527'	5528'
5572'	5588'	5599'	5604'	5622'
5625'	5633'	5663'	5671'	5675'
5676'				

Total: 26 holes.

10. TIH with 2100' 2-7/8", 6.40# and 3325' 3-1/2", 9.20# tapered workstring and packer. Set packer @ 5425' and prepare to breakdown perforations. Install TIW valve on top of tubing for acid job. Spot 6 bbls 7-1/2% HCl from 5425' to 5690'.

San Juan 29-7 Unit #66
Menefee/Lewis Pay-Adds

11. RU stimulation company. **Maximum treating pressure during acid job is 3800 psi.** Pump 26 bbls of 7-1/2% HCl @ 4 bbl/min. Add 1/1000 gallons Clay-Sta XP clay control agent, 4/1000 gallons HI-FLO-4 silt suspender, 2/1000 gallons HAI-85M corrosion inhibitor, 10/1000 gallons FEIA, and 50#/1000 gallons FE-2 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.

12. Release packer. Run packer and tubing down to 5680' and knock balls off perforations with packer. Pull up back up hole with packer . Set packer @ 5425' and prepare to fracture stimulate well.

13. RU stimulation company. Hold safety meeting. Pressure test surface lines to 6000 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 5000 psi.** Fracture well according to attached procedure. Shut in well for 4 hours upon completion of the stimulation to allow gel to break.

14. Refill 6 frac tanks with 2,092 bbls useable 2% KCl water. Flow back well through packer and tubing on 1/8" choke. Increase choke size as needed to keep the well from logging off if possible. When pressures and flowback rates allow, release packer, while pumping water down the annulus if necessary. TOOH and laydown packer. TIH with workstring and clean out to retrievable bridge plug air until sand production is minimal. TOOH.

15. TIH with packer and workstring. Set packer @ 5425' and test Menefee with pitot gauge. Record pitot gauge as Menefee formation only. TOOH.

Lewis Stimulation:

16. RU wireline. Run gauge ring down to 5300' and check inside diameter of well. Set retrievable bridge plug @ 5298' above Cliff House formation.

17. 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.

4288'	4293'	4361'	4373'	4562'
4568'	4582'	4615'	4617'	4625'
4627'	4684'	4691'	4693'	4707'
4731'	4738'	4768'	4812'	4816'
4922'	4979'	4989'	5012'	5061'
5081'	5109'	5111'	5126'	5127'
5223'	5227'	5231'	5233'	5250'
5277'				

Total: 36 holes.

18. TIH with 1700' 2-7/8", 6.40# and 2550' 3-1/2", 9.20# tapered workstring and packer. Set packer @ 4250' and prepare to breakdown perforations. Install TIW valve on top of tubing for acid job. Spot 10 bbls 7-1/2% HCl from 4250' to 5298'.

19. RU stimulation company. **Maximum treating pressure during acid job is 3800 psi.** Pump 36 bbls of 7-1/2% HCl @ 4 bbl/min. Add 1/1000 gallons Clay-Sta XP clay control agent, 4/1000 gallons HI-FLO-4 silt suspender, 2/1000 gallons HAI-85M corrosion inhibitor, 10/1000 gallons FEIA, and 50#/1000 gallons FE-2 iron sequestering agents to the acid. Drop a total of 72 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.

San Juan 29-7 Unit #66
Menefee/Lewis Pay-Adds

20. Release packer. Run packer and tubing down to 5280' and knock balls off perforations with packer. Pull up hole with packer and set @ 4250'. Prepare to fracture stimulate well.

21. RU stimulation company. Hold safety meeting. Pressure test surface lines to 6000 psi (1000 psi over maximum allowable treating pressure but no greater than working pressure of surface lines). **Maximum treating pressure is 5000 psi.** Fracture well according to attached procedure. Shut in well for 4 hours upon completion of stimulation to allow gel to break.

22. Flow back well through packer and tubing on 1/8" choke. Increase choke size as needed to keep the well from logging off if possible. When pressures and flowback rates allow, release packer while pumping water down annulus if necessary. TOOH and laydown packer and workstring.

23. TIH with retrieving head and 2-3/8" workstring and clean out to retrievable bridge plug air until sand production is minimal. Obtain pitot gauge for the Lewis formation. Record pitot gauge as the Lewis formation only. Latch on to bridge plug with retrieving head 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 retrievable bridge plug above Point Lookout. Cleanout to bridge plug with air. 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 Temperature Survey top down from 4200' to 5911' (COTD). Send copy of logs to Production Engineering. RD wireline.

26. TIH with one joint of 2-3/8" tubing, seating nipple, and 2-3/8" production tubing. Cleanout to COTD (5911') with air (using 2 joints of extra 2-3/8" if needed). Pull up in well and land tubing around 5890'. Obtain final pitot gauge. ND BOP's, NU WH. RD and MOL.

Approve: _____
J. A. Howieson

Vendors:

Wireline Services ..... Basin Perforating (327-5244)
Stimulation: ..... Halliburton Services (325-3575)
Packers and Bridge Plugs: ..... Baker Service Tools (325-0216)

Kurt A. Shipley Home: ..... (325-9361)
Office: ..... (326-9524)