submitted in lieu of Form 3160-5

# UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

2. Name of Operator  MERIDIAN OLL  3. Address & Phone No. of Operator	Sundry Nor	icoc and Bonorta an Wall		
1. Type of Well GAS  2. Name of Operator MERIDIAN OLL  3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700  4. Location of Well, Footage, Sec., T. R. M 2050'FRL, 960'FEL, Sec.5, T-25-N, R-3-W, NMPM  10. Field and Pool Blanco Mesaverd 11. County and State Recompletion Notice of Intent Abandonment Change of Plans Recompletion Subsequent Report Plugging Back Casing Repair Altering Casing Final Abandonment Altering Casing Final Abandonment Altering Casing Subsequent Report Altering Casing Type of Action X Other - Pay add  13. Describe Proposed or Completed Operations It is intended to add pay in the Mesaverde formation of the subject well according to the attached procedure and wellbore diagram.  DECENV OIL COND DISTORDED  14. I hereby certafy that the foregoing is true and correct.  Signed  AMAL Addith and CLLL19) Title Regulatory Administrator Date 9/22/95	Sundly Not			(
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### Pertinent Data Sheet - Florance Federal #8

Location:

2050' FNL, 960' FEL, Unit H, Sec 5, T-25-N, R-3-W

Rio Arriba County, NM Lat. 36-25-48, Long. 107-9-43

Current Field:

Blanco Mesaverde

Spud:

10-29-79

Completed:

1-7-80

**Elevation:** 

7292' GL

TD/PBTD:

6250' / 6200'

### Casing Record:

Hole Size

Casing Size

Weight/Grade

10.5# / K-55 STC

**Depth Set** 

Cmt Vol./Top

12-1/4" 7-7/8"

8-5/8" 4-1/2" 24# / K-55 STC

514' 350 sks / surf 6230'

475 sks / 4384' (CALC)

**Tubing Record:** 

Size 2-3/8"

Weight/Grade 4.7# / J-55

Depth Set/Jts.

Other

Depth

6010'

SN

6010'

**Formation Tops:** 

Ojo Alamo Kirtland

3415'

Cliffhouse

5506

Fruitland

3562 3734 Menefee Point Lookout 5622' 5991'

Pictured Cliffs

3828

Mancos

6179'

Logging Record:

Compensated Neutron, Formation Density, Dual Induction - SFL

**Present Completions:** 

Point Lookout

6001' - 6030' (Select-Fire)

Stimulation:

92,000# sd, Titan gel

**Proposed Completions:** Lower Point Lookout

6092' - 6177' (Select-Fire)

Point Lookout

6001' - 6030' (Select-Fire)

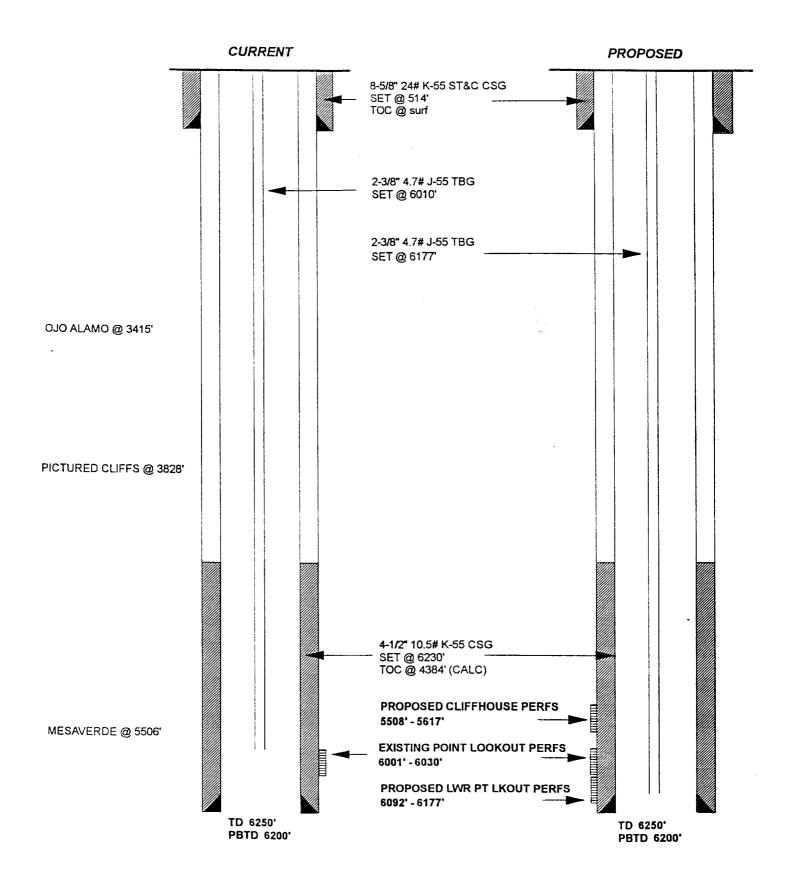
Cliffhouse

5508' - 5617' (Select-Fire)

**Workover History:** 

N/A

UNIT H, SEC. 5, T-25-N, R-03-W, RIO ARRIBA COUNTY, NM Lat 36-25-48 Long 107-9-43



Unit H, Section 5, T-25-N, R-3W, Rio Arriba County, New Mexico Lat. 36-25-48, Long. 107-9-43

Inspect location and install and/or test rig anchors. Install 3 frac tanks loaded with 2 % KCl filtered to 5 microns. 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 Lori Lantz at 599-4024.\*\*\*

- MIRU. Hold Safety Meeting. Place fire and safety equipment in easily accessible locations. Obtain and record all wellhead pressures. NU relief line and blooie line to flare pit.
- 2. Blow down tubing. If tubing will not blow down, kill well with 2% KCl water. ND WH, NU BOP.
- 3. TOOH with 6010' of 2-3/8" 4.70# J-55 EUE tubing. Visually inspect, tally, and stand back tubing. Replace any bad joints.
- 4. MIRU electric line unit. RIH w/ 4-1/2" 10.5# gauge ring and check casing to approx 6200'. RIH w/ 4-1/2" RBP and set at 5990'. Load hole and run GR-CBL-CCL from 5990' to 5400'. Top of good cement must be above 5458' to continue. Evaluate CBL and send copy to production and drilling.
- 5. TIH w/ retrieving head on 2-7/8" workstring. Latch onto RBP set at 5990' and TOOH w/ workstring and pkr. Load hole and run GR-CBL-CCL from 6200' to 6030'. Top of cement must be above 6030' to continue. Evaluate CBL and send copy to production and drilling.
- 6. PU 4-1/2" pkr on 2-7/8" workstring. TIH and set pkr at 6035'. Pressure test casing to 3800 psi for 15 min. If pressure test fails, prepare to locate leak and repair casing, if necessary. Contact Production Engineering for casing repair schedule. TOOH.

#### **Lower Point Lookout Stimulation:**

7. RIH w/ 3-1/8" Select-Fire Perforating gun loaded 2 spf and perforate the following depths:

6092' 6096' 6100' 6106' 6110' 6114' 6122' 6144' 6150' 6154' 6177' (22 total holes)

Unit H, Section 5, T-25-N, R-3W, Rio Arriba County, New Mexico Lat. 36-25-48, Long. 107-9-43

- 8. RD electric line unit. PU 4-1/2" pkr on 2-7/8" workstring. TIH and set pkr at 6035'.
- 9. RU stimulation company. Hold safety meeting. Pressure test surface treating lines to 4800 psi. Maximum treating pressure is 3800 psi. Pump 1000 gals of 15% HCl acid at 10-15 bpm. Drop a total of 33 7/8" (1.3 sg) RCN ball sealers spaced evenly throughout the job. Record injection rates and pressures throughout the job. RD stimulation company.
- 10. TIH w/ 2-7/8" workstring and knock balls off perforations with pkr. TOOH. PU 2 4-1/2" pkrs on 2-7/8" workstring. TIH and set compression pkr at 5996' and snap set pkr at 6035'. Load backside and hold 500 psi during frac job.
- 11.RU stimulation company. Pressure test surface treating lines to 9000 psi.

  Maximum treating pressure for various rates is listed below. Fracture stimulate the Lower Point Lookout interval according to the attached procedure (labeled Lower Point Lookout).

Rate, bpm	Max Pressure, psi		
0	3800		
15	6800		
30	8000		

- 12. RDMO stimulation company. Flow back immediately using a dual choke manifold unless specified in fracture procedure. When pressures allow, release pkrs and TOOH w/ 2-7/8" workstring. LD all but one stand 2-7/8" workstring.
- 13. RU electric line unit. RIH w/ 4-1/2" RBP and set at 5700'. PU 4-1/2" pkr on 2-7/8" workstring. TIH and set pkr at approx 60'. Pressure test casing and RBP to 3800 psi for 15 min. If pressure test fails, prepare to locate leak and repair casing, if necessary. Contact Production Engineering for casing repair schedule. TOOH. Dump 2 sks sand on RBP.

#### Cliffhouse Stimulation:

14. RU electric line unit. RIH w/ 3-1/8" Select-Fire Perforating gun loaded 2 spf and perforate the following depths:

5508' 5510' 5512' 5518' 5520' 5522' 5538' 5540' 5542' 5556' 5567' 5572' 5574' 5576' 5585' 5590' 5594' 5598' 5610' 5617' (40 total holes)

Unit H, Section 5, T-25-N, R-3W, Rio Arriba County, New Mexico Lat. 36-25-48, Long. 107-9-43

- 15. RD electric line unit. TIH w/ 4-1/2" pkr on 2-7/8" workstring and set pkr at approx 60'.
- 16. RU stimulation company. Hold safety meeting. Pressure test surface treating lines to 4800 psi. Maximum treating pressure is 3800 psi. Pump 1000 gals of 15% HCl acid at 10-15 bpm. Drop a total of 60 7/8" (1.3 sg) RCN ball sealers spaced evenly throughout the job. Record injection rates and pressures throughout the job. RD stimulation company.
- 17. TOOH w/ 4-1/2" pkr on 2-7/8" frac string. RU electric line unit. RIH w/ junk basket and knock balls off perforations. RD electric line unit. TIH w/ 4-1/2" pkr on 2-7/8" workstring and set pkr at approx 60'. Load backside and hold 500 psi during frac job.
- 18.RU stimulation company. Pressure test surface treating lines to 4800 psi.

  Maximum treating pressure is 3800 psi. Fracture stimulate the Cliffhouse interval according to the attached procedure (labeled Cliffhouse).
- 19. RDMO stimulation company. Flow back immediately using a dual choke manifold unless specified in fracture procedure. When pressures allow, release pkr and TOOH and LD 2-7/8" workstring and pkr.
- 20. TIH w/ 2-3/8" 2.4# J-55 tbg and notched collar and clean out to the RBP set at 5700' with air mist until sand and water production is minimal (run retrieving head on last clean out run). **Obtain flow gauge and record as Cliffhouse only.** Latch onto RBP and TOOH.
- 21. TIH 2-3/8" tbg with seating nipple and expendable check one joint off bottom. TIH with 2-3/8" tbg and cleanout to 6200' with air. Land tubing at approx. 6177'. ND BOP. NU WH. Pump off check and obtain final flow gauge. Record flow gauge as Cliffhouse / Point Lookout. Contact Production Operations for well tie-in. RDMO.

Approved: _	
	Regional Team Leader
Approved:	
	Drilling Superintendent

Unit H, Section 5, T-25-N, R-3W, Rio Arriba County, New Mexico Lat. 36-25-48, Long. 107-9-43

## **Suggested Contacts/Vendors:**

Electric Line: Stimulation: Rig Supervisor: Production Oper.: Engineering:	Basin Halliburton Jimmy Wilson Ward Arnold Lori Lantz	327-5244 325-3575 320-1752 326-9846 599-4024 W 326-3832 H
-		·=
		324-2461 P