

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

2. Name of Operator
MERIDIAN OIL

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' FNL, 960' FEL, Sec. 5, T-25-N, R-3-W, NMPM

5. Lease Number
SF-080565

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Florance Federal #8

9. API Well No.
30-039-22126

10. Field and Pool
Blanco Mesaverde

11. County and State
Rio Arriba Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

☒ Notice of Intent

☐ Subsequent Report

☐ Final Abandonment

Type of Action

☐ Abandonment

☐ Recompletion

☐ Plugging Back

☐ Casing Repair

☐ Altering Casing

☒ Other - Pay add

☐ Change of Plans

☐ New Construction

☐ Non-Routine Fracturing

☐ Water Shut off

☐ Conversion to Injection

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.

RECEIVED
OCT 27 1995

OIL CON. DIV.
DIST. 3

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

Signed [Signature] (LLL9) Title Regulatory Administrator Date 9/22/95

(This space for Federal or State Office Use)

APPROVED BY [Signature] Title Chief, Lands and Mineral Resources

Date OCT 25 1995

CONDITION OF APPROVAL, if any:

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:

<u>Hole Size</u>	<u>Casing Size</u>	<u>Weight/Grade</u>	<u>Depth Set</u>	<u>Cmt Vol./Top</u>
12-1/4"	8-5/8"	24# / K-55 STC	514'	350 sks / surf
7-7/8"	4-1/2"	10.5# / K-55 STC	6230'	475 sks / 4384' (CALC)

Tubing Record:

<u>Size</u>	<u>Weight/Grade</u>	<u>Depth Set/Jts.</u>	<u>Other</u>	<u>Depth</u>
2-3/8"	4.7# / J-55	6010'	SN	6010'

Formation Tops:

Ojo Alamo	3415'	Cliffhouse	5506'
Kirtland	3562'	Menefee	5622'
Fruitland	3734'	Point Lookout	5991'
Pictured Cliffs	3828'	Mancos	6179'

Logging Record: Compensated Neutron, Formation Density, Dual Induction - SFL

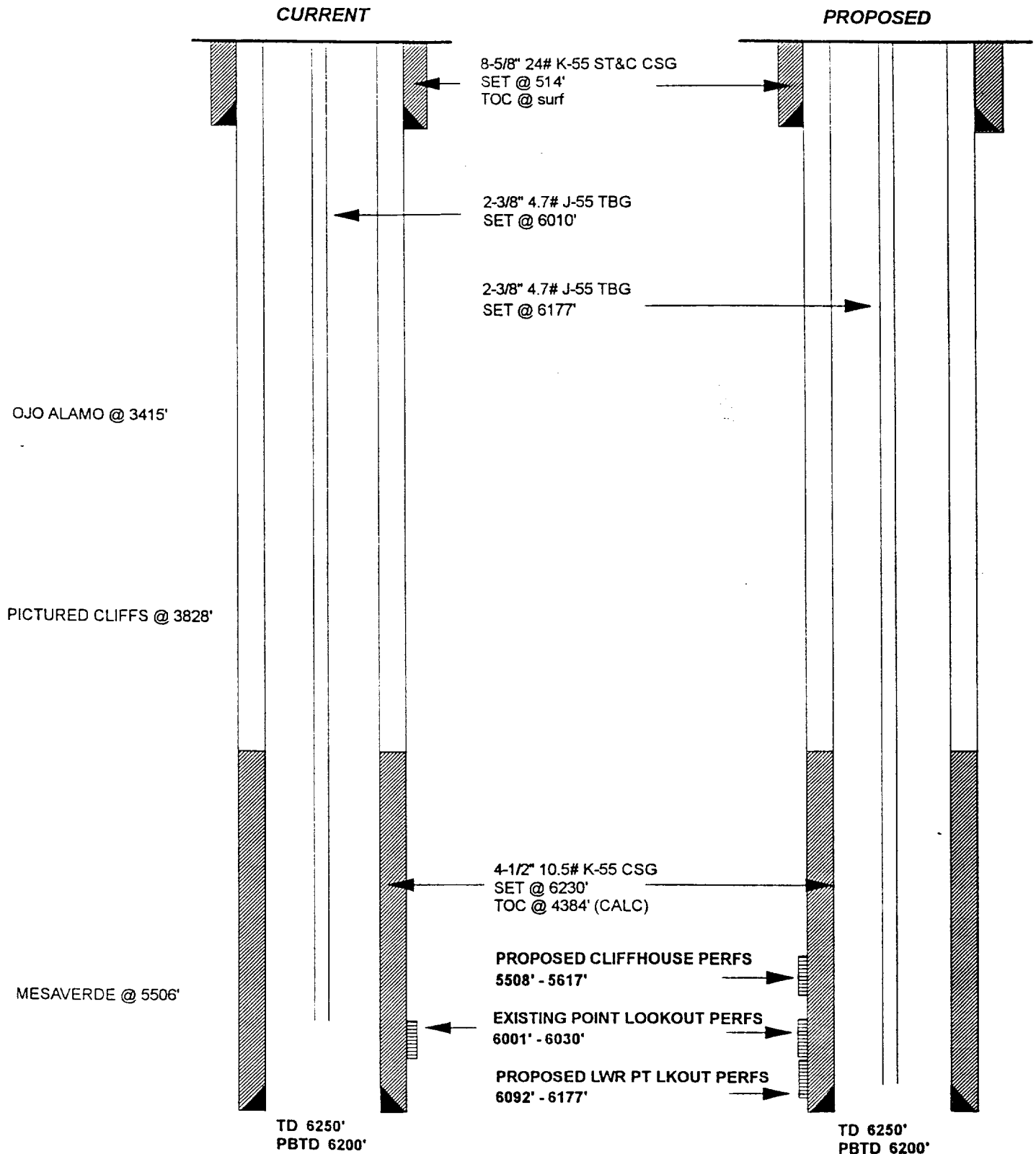
Present Completions: Point Lookout 6001' - 6030' (Select-Fire)
Stimulation: 92,000# sd, Titan gel

Proposed Completions: Lower Point Lookout 6092' - 6177' (Select-Fire)
Point Lookout 6001' - 6030' (Select-Fire)
Cliffhouse 5508' - 5617' (Select-Fire)

Workover History: N/A

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



Florance Federal #8

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.

1. 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)

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Unit H, Section 5, T-25-N, R-3W, Rio Arriba County, New Mexico
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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)

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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

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