

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-079634

6. If Indian, All.or  
Tribe Name

7. Unit Agreement Name

2. Name of Operator  
Meridian Oil Inc.

8. Well Name & Number  
McClanahan #3

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

9. API Well No.  
30-045-13251

4. Location of Well, Footage, Sec, T, R, M.  
1700'S 990'W Sec.24, T-28-N, R-10-W, NMPM

10. Field and Pool  
Fulcher Kutz PC/Basin Ft C  
11. County and State  
San Juan County, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☐ Abandonment

☐ Change of Plans

☐ Subsequent Report

☒ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut Off

☐ Altering Casing

☐ Conversion to Injection

☐ Other

13. Describe Proposed or Completed Operations

It is intended to complete and commingle the Fruitland Coal with the Pictured Cliffs formation according to the attached procedure and wellbore diagram. Commingling was approved by the New Mexico Oil Conservation Division on October 28, 1991.

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OIL CON. DIV.  
DIST. 3

14. I hereby certify that the foregoing is true and correct.  
Signed Peggy Bradford (KAS) Title Regulatory Affairs Date 11-6-91

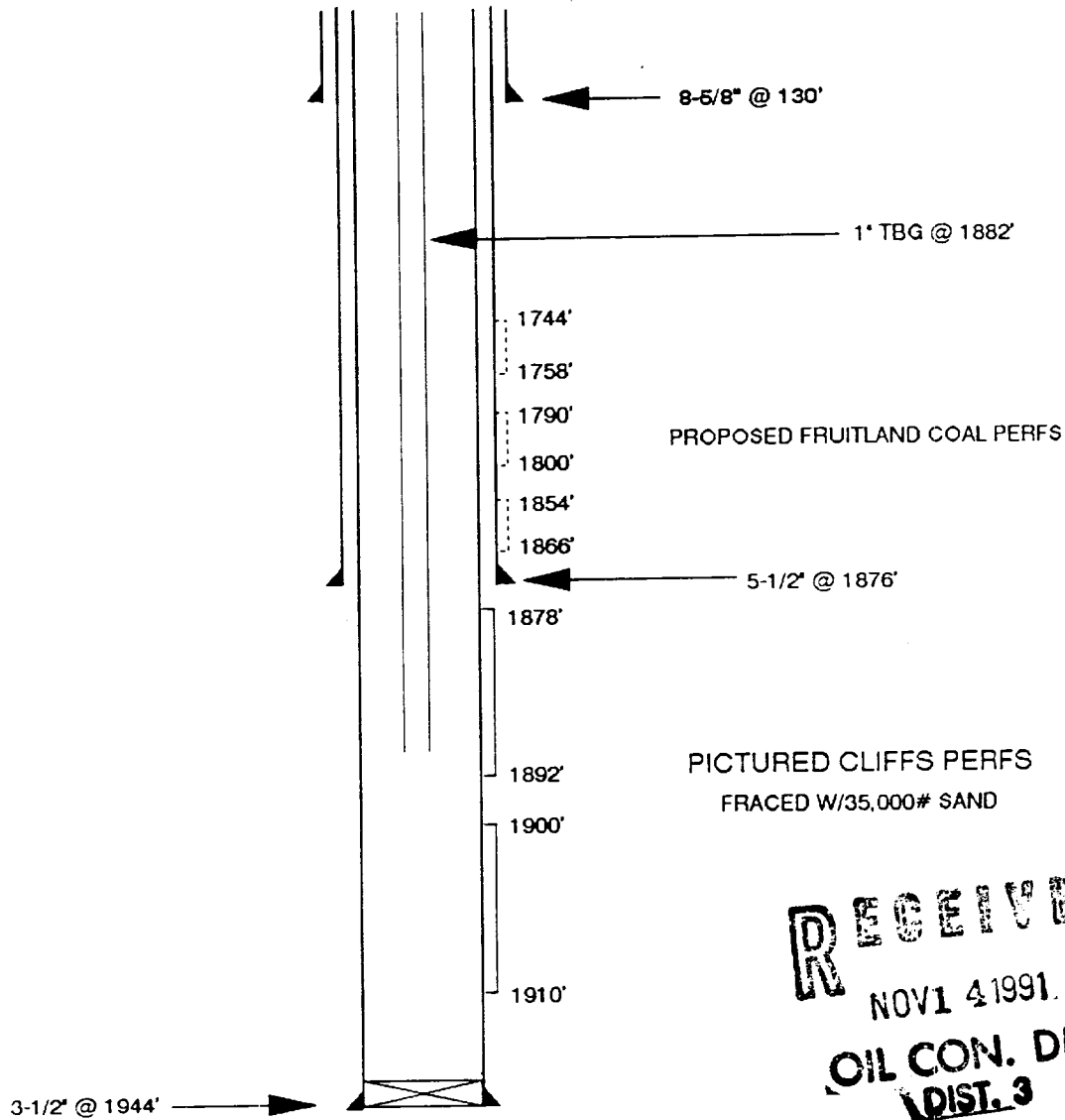
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APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_  
CONDITION OF APPROVAL, IF ANY:

NOV 18 1991  
DATE  
[Signature]  
[Stamp]

# McCLANAHAN #3 PC

UNIT L SECTION 24 T28N R10W  
SAN JUAN COUNTY, NEW MEXICO



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**McCLANAHAN #3 PC/FRTC**  
**Recompletion Procedure**  
**L 24 28 10**

1. Comply to all NMOC, BLM, & MOI, rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP with flow tee and stripping head. Test operation of rams. NU blooie line and 2-7/8" relief line. Blow well down.
2. TOH W/1882' 1" tbq. Run 3-1/2" csg scraper on new 1-1/2" 2.76# IJ tbq to 1870'. TOH. Set 3-1/2" top drillable bridge plug @ 1870' on wireline.
3. Load hole w/2% KCL water. Pressure test to 2500#. Implement squeeze procedures if csg fails pressure test.
4. Perf Fruitland Coal using 2-1/8" strip gun w/22 gram Al. Owens 305 charges (or equivalent). Shoot 4 SPF @ 1866'-54', 1800'-1790', 1758'-44'. Total of 144 holes.
5. Fill 2 - 400 bbl. frac tanks with 2% KCL water. Filter all water to 25 microns. One tank will be for gel, one tank for 2% KCL water for breakdown & flush. Gel water required for frac is 262 bbls.
6. TIH with 3-1/2" Baker SAP tool with a 4' spacer on 1-1/2" tbq. Wash perfs using 10 gallons of 7-1/2% HCL acid mixed with 5% xylene mutual solvent per foot of perfs and a quaternary amine-type clay stabilizer at 3 gal/1000 gal. TOH.
7. Install tree saver. Fracture treat coal with 40,000 gals. of 70% quality N2 foam and 72,000# Brady sand. Pump foam at 40 BPM. Use 10,700 gals. 30# (guar) gel for base fluid. Monitor bottomhole and surface treating pressures, rate, foam quality, & sand concentration, with computer van. All sand to be tagged with 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 2500 psi and estimated treating pressure is 1800 psi. Treat per the following schedule:

<u>Stage</u>	<u>Foam Vol.</u> <u>(Gals.)</u>	<u>Foam</u> <u>Quality</u>	<u>Gel Vol.</u> <u>(Gals.)</u>	<u>Sand Vol.</u> <u>(lbs.)</u>	<u>Sand</u> <u>Mesh</u>
Pad	15,000	70	3,000	----	----
1.0 ppg	5,000	70	1,500	5,000	20/40
2.0 ppg	6,000	70	1,800	12,000	20/40
3.0 ppg	5,000	70	1,500	15,000	20/40
4.0 ppg	5,000	70	1,500	20,000	20/40
5.0 ppg	4,000	65	1,400	20,000	20/40
Flush	<u>(1,000)</u>	<u>70</u>	<u>(300)</u>	<u>----</u>	<u>----</u>
Totals	40,000		10,700	72,000#	

Treat frac fluid with the following additives per 1000 gallons:

- |                      |                        |
|----------------------|------------------------|
| * 30# J-4L           | (Base Gel)             |
| * 5.0 gals.          | (Foaming Agent)        |
| * 1.0 gal. Aqua-Flow | (Non-ionic Surfactant) |
| * 1.0# B-11          | (Enzyme Breaker)       |
| * 1.0# B-5           | (Breaker)              |

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- \* 0.35# Frac-cide 20 (Bacteriacide)
- \* 2% KCL

8. Open well through choke manifold & monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. When well ceases to flow, proceed with Step # 9.
9. Remove tree saver. TIH w/ 2-3/4" bit on 1-1/2" IJ tubing & clean out to BP @ 1870' w/ air/mist. Take pitot gauges when possible. When wellbore is sufficiently clean, drill BP @ 1870' & C.O. to below PC perfs, 1920'. TOH.
10. When wellbore is sufficiently clean, TOH and run after frac gamma-ray log from 1920'-1000'.
11. TIH with 1-1/2" IJ tbg with standard seating nipple one joint off bottom. Land tbg @ 1900'. Take final pitot gauge.
12. ND BOP and NU wellhead. Rig down & release rig.

Approve: \_\_\_\_\_  
R. F. Headrick

VENDORS:

Wireline:	Blue Jet	325-5584
Fracturing:	Western	327-6222
RA Tagging:	Pro-Technics	326-7133

CONSULTANT: Alan Errett 327-5444

PMP