

submitted in lieu of Form 3160-5

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

RECEIVED  
BLM

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  
1760' FSL, 1725' FEL, Sec. 26, T-27-N, R-10-W, NMPM

5. Lease Number  
SF-0809T9 SF 077951

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Frost #3R

9. API Well No.  
30-045-23765

10. Field and Pool  
Fulcher Kutz Pict. Cliffs

11. County and State  
San Juan 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 - Restimulate

☐ Change of Plans  
☐ New Construction  
☐ Non-Routine Fracturing  
☐ Water Shut off  
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to restimulate the subject well according to the attached procedure and wellbore diagram.

RECEIVED  
AUG 23 1995  
OIL CON. DIV.  
DIST. 3

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

Signed [Signature] (PMP1) Title Regulatory Administrator Date 8/14/95

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date \_\_\_\_\_

CONDITION OF APPROVAL, if any:

APPROVED

AUG 18 1995  
/s/ Ken Townsend  
DISTRICT MANAGER

NMOC

FROST #3R PC  
Workover Procedure  
J 26 27 10  
San Juan County, N.M.  
Lat-Long: 36.543533 - 107.861282

1. Comply to all NMOCD, BLM, & MOI rules & regulations. MOL and RU completion rig. NU 6" 900 series BOP w/flow tee and stripping head. NU blooie line & 2-7/8" relief line.
2. Run sinker bars on sand line to check for fill above 2500'. C.O. w/air/mist thru 1-1/4" to 2500', if necessary. Run 2-7/8" pkr on 1-1/4" rental drill pipe & set pkr @ 2000'. Inspect csg head & pressure test backside to 2000 psi. TOH.
3. Spot and fill 2-400 bbl. frac tanks w/1% KCL water. Filter all water to 25 microns. One tank is for gel & one tank for water. Usable water required for frac is 231 bbls.
4. Tie into 2-7/8" csg to protect wellhead & fracture treat PC down csg w/32,000 gals. of 70 quality foam using 30# gel as the base fluid & 60,000# 20/40 Arizona sand. Pump at 15 BPM. Monitor bottomhole & surface treating pressures, rate, foam quality, & sand concentration with computer van. Sand to be tagged w/ 0.4 mCi/1000# Ir-192 tracer. Max. pressure is 2000 psi & estimated treating pressure is 1800 psi. Treat per the following schedule:

| <u>Stage</u> | <u>Foam Vol.<br/>(Gals.)</u> | <u>Gel Vol.<br/>(Gals.)</u> | <u>Sand Vol.<br/>(lbs.)</u> |
|--------------|------------------------------|-----------------------------|-----------------------------|
| Pad          | 7,000                        | 2,100                       | ---                         |
| 1.0 ppg      | 5,000                        | 1,500                       | 5,000                       |
| 2.0 ppg      | 10,000                       | 3,000                       | 20,000                      |
| 3.0 ppg      | 5,000                        | 1,500                       | 15,000                      |
| 4.0 ppg      | 5,000                        | 1,500                       | 20,000                      |
| Flush        | ( 458)                       | (137)                       | 0                           |
| Totals       | 32,000                       | 9,600                       | 60,000#                     |

Shut well in after frac for six hours in an attempt to allow the gel to break. Treat frac fluid w/the following additives per 1000 gallons:

- |                      |  |
|----------------------|--|
| * 30# J-48           | (Guar Gel mix in full tank - 16,000 gal) |
| * 1.0 gal. Aqua Flow | (Non-ionic Surfactant mix in full tank)  |
| * 1.0# GVV-3         | (Enzyme Breaker mix on fly)              |
| * 1.0# B - 5         | (Breaker mix on fly)                     |
| * 5.0 gal Fracfoam I | (Foamer mix on fly)                      |
| * 0.38# FracCide 20  | (Bacteriacide mix on full tank)          |

5. Open well through choke manifold & monitor flow. Flow @ 20 bbl/hr, or less if sand is observed. Take pitot gauges when possible.
  6. TIH w/2-1/4" bit on 1-1/4" drill pipe & clean out to 2500' w/air/mist.
  7. Monitor gas & water returns & take pitot gauges when possible.
  8. When wellbore is sufficiently clean, TOH & run after frac gamma-ray log from 2500'-1600'.
  9. Set 2-7/8" RBP on 1-1/4" drill pipe @ 2000'. TOH. Load hole w/1% KCL water & run CBL from 2000'. Pressure to 1000 psi, if necessary to clarify bonding.
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FROST #3R PC - FRAC EXISTING FRTC

10. Using CBL log, perf 2 sq holes in 2-7/8" csg & attempt to circ CI "B" cmt w/2% Cacl to surface. Cmt down csg using wiper plug between cmt & flush. WOC.
11. Run 2-1/4" blade bit on 1-1/4" drill pipe & drill & C.O. cmt. Pressure test to 300 psi. Resq if necessary.
12. When pressure test is successful, TIH w/retrieving head on 1-1/4" drill pipe & retrieve BP @ 2000'. TOH.
13. TIH w/1-1/4" IJ tbg w/standard seating nipple one joint off bottom & again cleanout to 2500'. When wellbore is sufficiently clean, land tbg @ 2420' KB. **Take final water & gas samples & rates.**
14. ND BOP & NU wellhead & tree. Rig down & release rig.

Approve: \_\_\_\_\_  
Drilling Superintendent

VENDORS:

|             |              |          |
|-------------|--------------|----------|
| Wireline:   | Basin        | 327-5244 |
| Fracturing: | Western      | 327-6222 |
| RA Tagging: | Pro-Technics | 326-7133 |
| Packers:    | Mt. States   | 326-5141 |

PMP

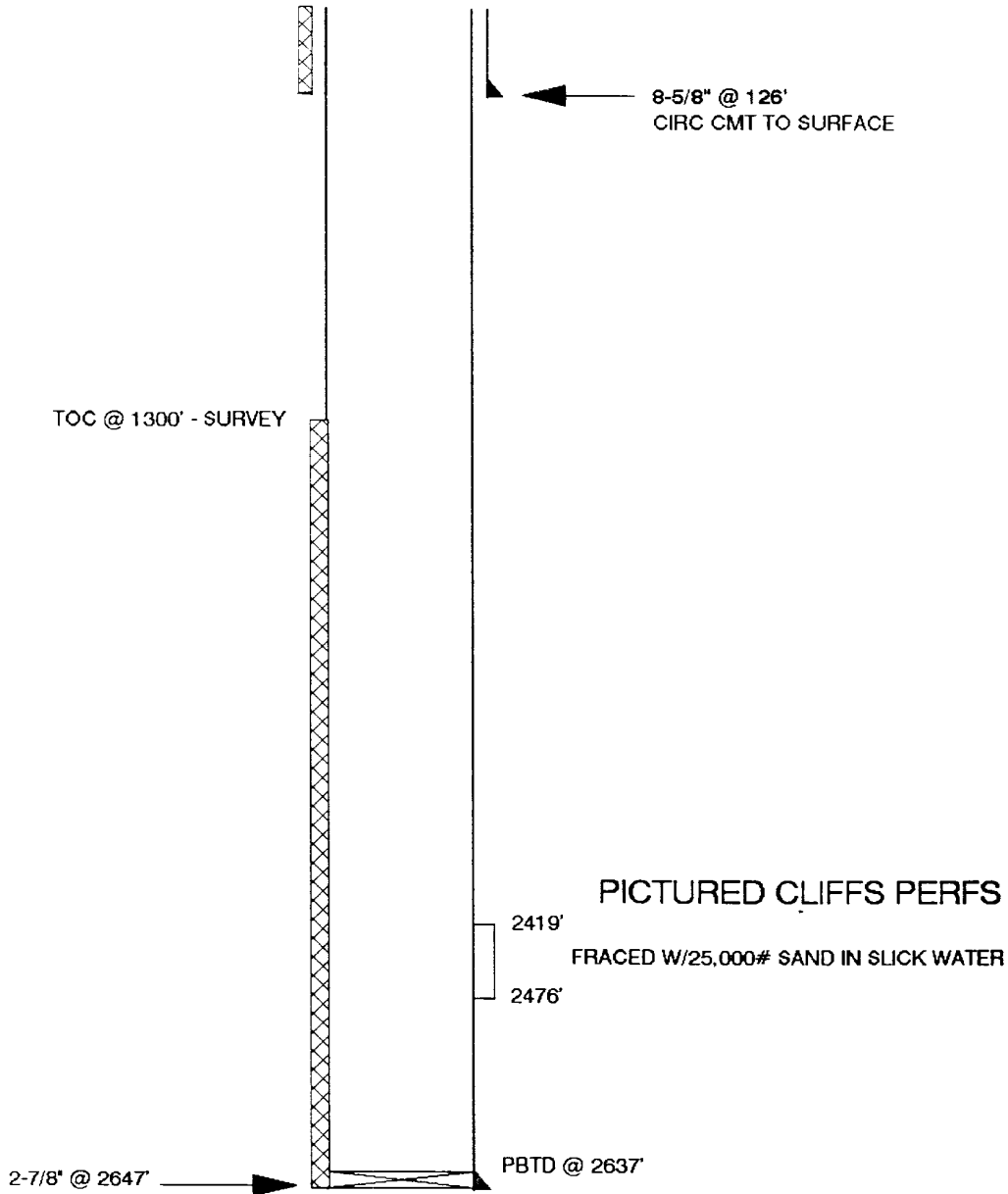
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# FROST #3R PC

UNIT J SECTION 26 T27N R10W  
SAN JUAN COUNTY, NEW MEXICO



**Pertinent Data Sheet - FROST #3R**

**Location:** 1760' FSL & 1725' FEL, Unit J, Section 26, T27N, R10W, San Juan County, New Mexico

**Field:** Fulcher Kutz P. C.

**Elevation:** 6635' GL  
10' KB

**TD:** 2647'

**PBTD:** 2637'

**Completed:** 1-19-81 **Spud Date:** 12-9-80

**DP #:** 50888A

**Lease:** Fed: SF 077951

**GWl:** 100%

**NRI:** 65.625%

**Prop#:** 012605700

**Initial Potential:** Gauge = 998 MCF/D SICP = 291 psi

**Casing Record:**

| <u>Hole Size</u> | <u>Csg Size</u> | <u>Wt. &amp; Grade</u> | <u>Depth Set</u> | <u>Cement</u> | <u>Cement (Top)</u> |
|------------------|-----------------|------------------------|------------------|---------------|---------------------|
| 12-1/4"          | 8-5/8"          | 24# K-55               | 126'             | 106 cf.       | Circ Cmt            |
| 6-3/4"           | 2-7/8"          | 6.4# J-55              | 2647'            | 386 cf.       | 1300' Survey        |

**Tubing Record:**

| <u>Tbg. Size</u> | <u>Wt. &amp; Grade</u> | <u>Depth Set</u> |
|------------------|------------------------|------------------|
| NONE             |                        |                  |

**Formation Tops:**

|                  |         |
|------------------|---------|
| Ojo Alamo:       | 1400' ' |
| Kirtland Shale:  | 1593'   |
| Fruitland:       | 2252'   |
| Pictured Cliffs: | 2418' ' |

**Logging Record:** Induction, Density

**Stimulation:** Perfed PC @ 2419', 23', 27', 30', 34', 37', 73', 76' w/1 spf & fraced w/25,000# sand in slick water. MTP=2700#, ATP=1000#, ATR=16 BPM.

**Workover History:** NONE-

**Production history:** 1st delivered 8-80. Current PC capacity is 20 MCF/D. PC cum is 449 MMCF.

**Pipeline:** EPNG