

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 Inc.

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

4. Location of Well, Footage, Sec., T, R, M
990' FSL, 1650' FWL Sec. 21, T-24-N, R-5-W, NMPM

5. Lease Number
Jic. Contract #12
6. If Indian, All. or
Tribe Name
Jicarilla Apache
7. Unit Agreement Name
8. Well Name & Number
Jicarilla P #4
9. API Well No.
10. Field and Pool
Basin Frt Coal
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 -
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut off
☐ Conversion to Injection

13. Describe Proposed or Completed Operations

It is intended to plug and abandon this well per the attached procedures and wellbore diagram. All plugs inside and outside pipe include 100% excess cement.

RECEIVED

NOV 9 1992

OIL CON. DIV.
DIST. 3

92 OCT 26 PM 3:22
019 FARMINGTON, N.M.

RECEIVED
BLM

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

Signed [Signature] (TM) Title Regulatory Affairs Date 10/23/92

(This space for Federal or State Office use)

APPROVED BY _____ Title _____

CONDITION OF APPROVAL, if any:

APPROVED

Date
NOV 05 1992

AREA MANAGER

NMOCD

Jicarilla P # 4
T24NR05WSec21N

Fruitland Coal
Procedure to Plug and Abandon Well

Note: 24 Hours before activity, notify BLM (599-8907).

1. Move on verified location. **Hold Safety Meeting.** (Explain planned activity.) Comply with all BLM, NMOCD, and MOI rules and regulations.
2. RU workover rig. Obtain all WH pressures. Blow well down. Kill w/ water if necessary. Dig out cellar. ND tree. NU BOP, relief line, & stripping rubber. Test operation of BOP.
3. TOOH w/ 2-3/8" tubing (2333' 72 jts). LD 9 jts. TIH w/ 2-3/8" tubing & 5-1/2" csg scraper (OD 4.887") to 2025'. TOOH.
4. **PLUG #1.** TIH w/ tbg & 5-1/2" cement retainer. Set retainer @ **2025'**. Test tubing to 1000psi . Test casing to 1000 psi. Mix & Pump 80 sxs Class B 15.6 ppg cement under retainer from PBTD (2368') to cover Fruitland Coal producing perforations w/ 100% excess. Max squeeze press 1000psi. Sting out of retainer. Place 5 sxs Class B 15.6 ppg cement on top of retainer which will bring cement inside & outside pipe to **1982'**. (Covering the Fruitland & Kirtland). **Reverse Out Cement**
6. Mix & Place 4 Bbls 9.0 ppg 50 visc Mud inside 5-1/2" casing filling the hole above **1850'**. TOOH w/setting tool.
7. Perforate 2 holes @ **1850'**.
8. **PLUG #2.** TIH w/ tbg & 5-1/2" cement retainer. Set retainer @ **1775'**. Test tubing to 1000psi . Mix & Pump 47 sxs Class B 15.6 ppg cement under retainer and out perforations to cover 50' above the top of the Ojo Alamo w/ 100% excess. Max squeeze press 1000psi. Sting out of retainer. Place 5 sxs Class B 15.6 ppg cement on top of retainer which will bring cement inside & outside pipe to **1732'**. (Covering the Ojo Alamo). **Reverse Out Cement**
10. Mix & Place 14 Bbls 9.0 ppg 50 visc Mud inside 5-1/2" casing filling the hole above **1175'**. TOOH w/setting tool.
11. Perforate 2 holes @ **1175'**.
12. **PLUG #3.** TIH w/ tbg & 5-1/2" cement retainer. Set retainer @ **1100'**. Test tubing to 1000psi . Mix & Pump 47 sxs Class B 15.6 ppg cement under retainer and out perforations to cover 50' above the top of the bottom Nacimiento Sand. Max squeeze press 1000psi. This is for additional protection of uphole water sands. Sting out of retainer. Place 5 sxs Class B 15.6 ppg cement on top of retainer which will bring cement inside & outside pipe to **1057'**. (Covering the fresh water sand). **Reverse Out Cement**
14. Mix & Place 21 Bbls 9.0 ppg 50 visc Mud inside 5-1/2" casing filling the hole above **200'**. TOOH w/setting tool.
15. **PLUG #4.** TIH w/ 2-3/8" openended to **200'**. Mix & Pump approx 35 sxs Class B 15.6 ppg cement. Circulate good cement. pull out of hole with tubing filling to surface. Note: outside of 5-1/2" is already covered to surface.
16. RD workover rig. Cut off WH below bradenhead. Install dry hole marker & restore location to BLM specifications.

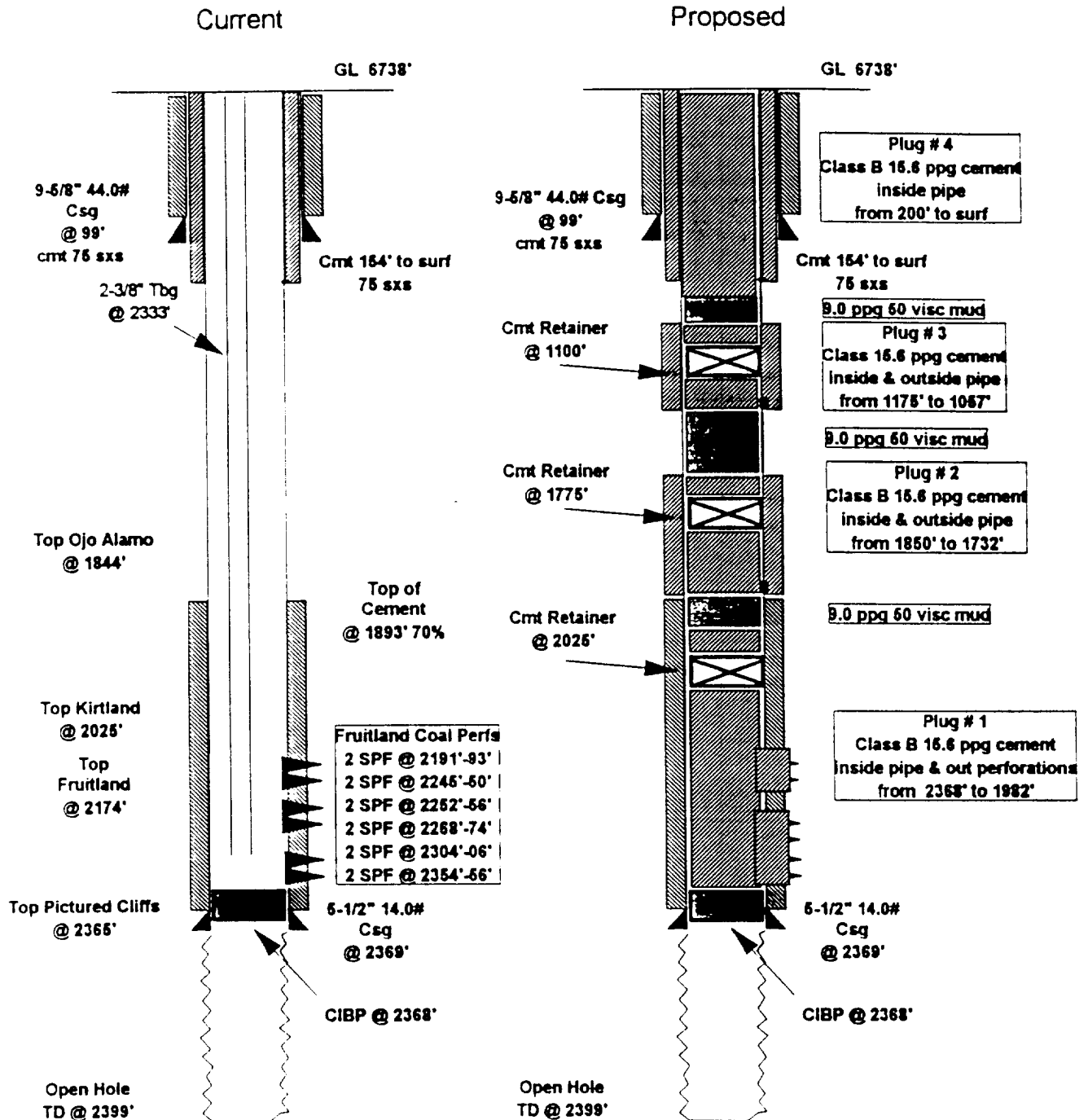
Approved: _____

R. F. Headrick

Jicarilla P # 4

T24NR05W21N

Plug & Abandon



In 1990, a CIBP was set above the openhole, a casing leak @ 164' was squeezed with cement to surface, and the Fruitland coal was perforated/stimulated with 70 Q Foam & 40,000# of sand.

This well will be plugged with cement. 2 perforation holes for PLUG # 2 @ 1850'. 2 perforation holes for PLUG # 3 @ 1175'. PLUG # 4 is only necessary inside pipe due to the prior squeeze to surface.