

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  
620'FNL, 1400'FEL Sec.31, T-26-N, R-6-W, NMPM

5. Lease Number  
SF-080560

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name

8. Well Name & Number  
Klein A #1

9. API Well No.

10. Field and Pool  
Basin Ft Coal

11. County and State  
San Juan Co, NM

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

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to plug & abandon this well per the attached procedure and wellbore diagram.

RECEIVED  
AUG 23 1993  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
93 AUG 13 AM 10:17  
070 FARMINGTON, NM

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

Signed [Signature] (TEM) Title Regulatory Affairs Date 8/12/93

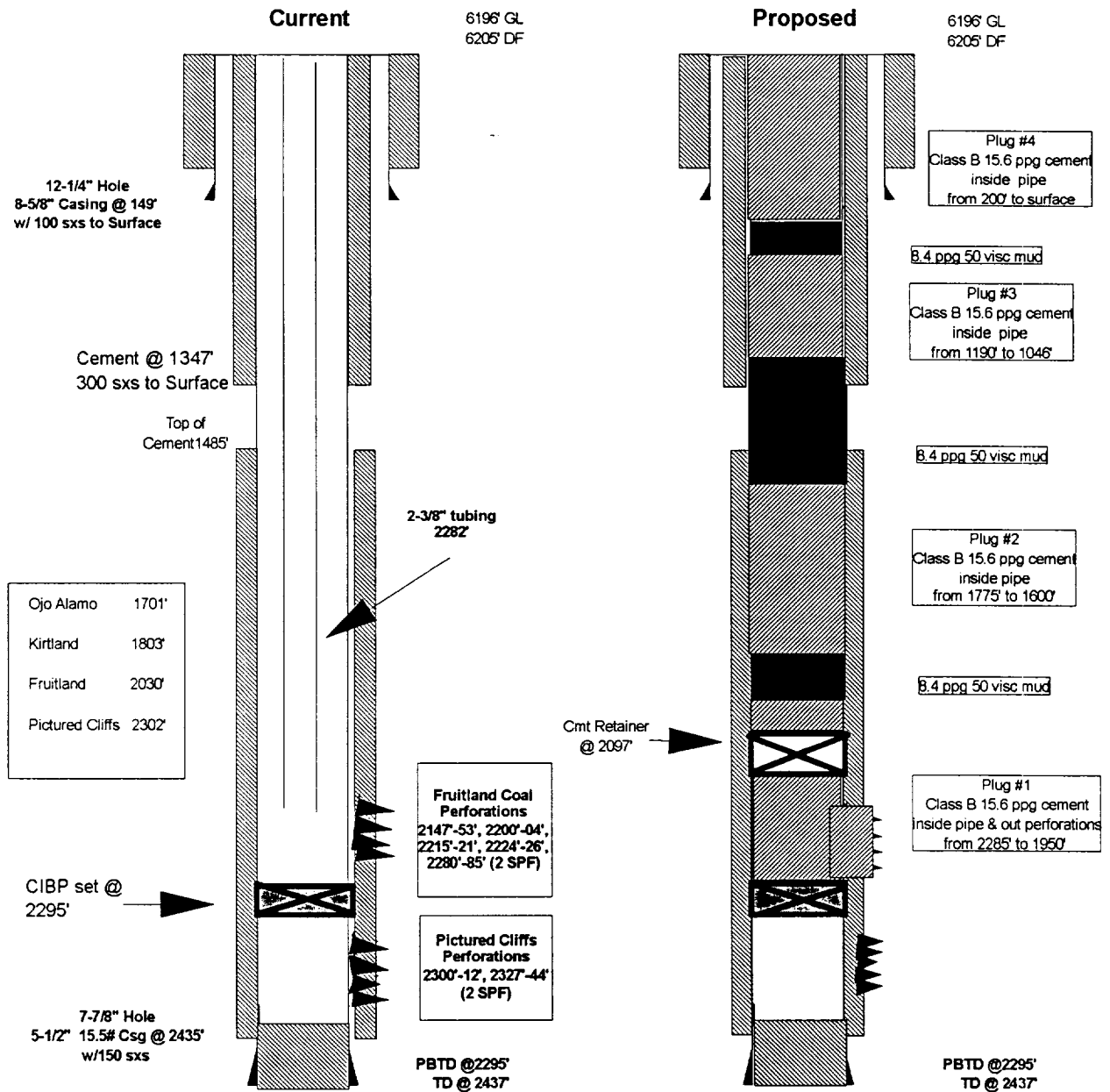
(This space for Federal or State Office use)

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

CONDITION OF APPROVAL, if any:

NMOCQ

# **KLEIN A #1** **T26NR06W31B** **P & A WELL**



**Klein A #1**  
**Pictured Cliffs Plug & Abandonment Procedure**  
**Unit B, Section 31-T26N-R06W**

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Prior to starting operation. Construct Fenced Blow Pit, Install & Test Rig Anchors. Contact BLM 24 hours prior to commencing abandonment operations. (327-5344). Comply with all BLM, NMOCD, & MOI rules and regulations. All cement will be Class 'B' Neat 15.6 ppg.

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1. Move on verified location. Hold Safety Meeting, (explain planned activity). Spot all necessary equipment & lines.
2. RU workover rig. Record all WH pressures prior to workover. Dig out cellar. Blow well down. ND WH NU BOP. Test operation of BOP.
3. TOOH with 2-3/8" EUE tubing from 2282'. (76 jts). Visually inspect and record condition of tubing. LD unneeded JTS.
4. With wireline run 5-1/2" gauge ring to 2097'.
5. PU 5-1/2" cement retainer & TIH on 2-3/8". Set retainer @ 2097'. Load hole w/water. Test tubing to 1500 psi, Test casing to 500 psi. Establish & record rate below retainer. PLUG # 1. Mix & pump 63 sxs Class 'B' Neat cement (100% Excess) below retainer. Max Pressure 1500 psi. Unsting from retainer. Place 25 sxs cement (50% Excess inside pipe) on top of retainer. This will cover the producing interval inside and outside the pipe and above the Fruitland to 1950'. Pull up and Reverse out.
6. Mix & Place 4 bbls 8.4 ppg 50 visc Mud inside pipe from 1950' to 1775'. Pull up & reverse w/water.
7. Plug # 2. Mix & pump 30 sxs Class 'B' Neat cement inside pipe (50% Excess inside pipe) to cover 50' above & below the Ojo Alamo formation inside pipe from 1775' to 1600'. Pull up and Reverse out.
8. Mix & Place 10 bbls 8.4 ppg 50 visc Mud inside pipe from 1600' to 1190'. TOOH with stinger. LD unneeded jts.
9. Plug # 3. Mix & pump 25 sxs Class 'B' Neat cement inside pipe from 1190' to 1046' (50% Excess). Pull up and Reverse out. This will ensure cement coverage inside pipe for 100' across a shallow fresh water sand.
10. Mix & Place 20 bbls 8.4 ppg 50 visc Mud inside pipe from 1046' to 200'. TOOH & LD unneeded 2-3/8".

11. Plug #4. Mix & pump 23 sxs Class 'B' Neat cement (50% Excess) down casing with 2-3/8" tubing (7 jts.) and fill hole to surface.
12. RD workover rig. Cut off WH below casinghead. Install dry hole marker & restore location per governmental regulations.
13. Give final notice to BLM once all Plug & Abandonment work has been completed.

Approved:

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K. F. Raybon  
Production Superintendent

Concur:

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L. L. Byars  
Production Foreman

Suggested Vendors & Telephone Numbers:

A+ Well Service	325-2627
L. L. Byars	326-9865
T. E. Mullins	326-9546
BLM	327-5344