

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  
1050' FSL, 800' FSL Sec. 23, T-25-N, R-7-W, NMPM

5. Lease Number  
SF-078879

6. If Indian, All. or  
Tribe Name

7. Unit Agreement Name  
Canyon Largo Unit

8. Well Name & Number  
Canyon Largo U #191

9. API Well No.

10. Field and Pool  
S. Blanco PC Ext

11. County and State  
Rio Arriba 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 and abandon this well per the attached procedure and wellbore diagram.

RECEIVED  
AUG 16 1993  
OIL CON. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
BLM  
JUL 23 AM 9:18  
070 FARMINGTON, NM

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

Signed [Signature] (TM) Title Regulatory Affairs Date 7/21/93

(This space for Federal or State Office use)  
APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_  
CONDITION OF APPROVAL, if any:

APPROVED

Date  
AUG 11 1993

DISTRICT MANAGER

**Canyon Largo Unit # 191  
Pictured Cliffs Plug & Abandonment Procedure  
Unit M, Section 23-T25N-R07W**

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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 to 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, kill with water if necessary. ND WH. NU BOP, stripping head/rubber, and all lines. Test operation of BOP.
3. PU 2-7/8" casing scraper & 1-1/4" tubing. TIH w/scraper on 1-1/4" to 2400'. (Approximately 80 jt). TOOH & LD scraper.
4. PU 2-7/8" cement retainer & TIH on 1-1/4". Set retainer @ 2400'. Load hole w/water. Test tubing to 1500 psi, Test casing to 500 psi. Establish & record rate below retainer. PLUG # 1. Mix & pump 66 sxs Class 'B' Neat cement (100% Excess) below retainer. Max Pressure 1500 psi. Unsting from retainer. Place 6 sxs cement (10% Excess due to continuation of plug) on top of retainer. Pull up to continue spotting cement. This plug will cover the producing interval and the Fruitland formation inside & outside pipe to 2280'.
5. Plug # 2. Continue to place cement inside 2-7/8" casing. Pump 27 sxs Class 'B' Neat cement (25% excess inside 2-7/8" casing) to cover 50' above & below the Ojo Alamo from 2280' to 1730'. TOH with work string to 1730'. Reverse tubing clean.
6. Spot PLUG# 3 down the tubing from 1730'-1010' with 35 sxs Class 'B' Neat cement (25% Excess). Max Pressure 1500 psi. TOH with workstring to 1010'. Reverse tubing clean.
7. Plug #4 Continue to place cement inside 2-7/8" casing. Pump 40 sxs Class 'B' Neat cement (25% excess inside) to bring the cement up to 183'. TOOH & LD 1-1/4".
8. w/ wireline. Perforate 2- 0.50" holes @ 183'. These perforations are 50' below the surface casing shoe, and will allow for circulation of cement to surface.

9. NU to casing. Establish rate down casing and circulate out bradenhead w/ water. Mix & pump 87 sxs Class 'B' Neat cement (50% Excess) down casing and circulate good cement out bradenhead.
10. RD workover rig. Cut off WH below casinghead. Install dry hole marker & restore location per governmental regulations.
11. Give final notice to BLM once all Plug & Abandonment work has been completed.

Approved:

\_\_\_\_\_  
K. F. Raybon  
Production Superintendent

Concur:

\_\_\_\_\_  
L. L. Byars  
Production Foreman

Suggested Vendors & Telephone Numbers:

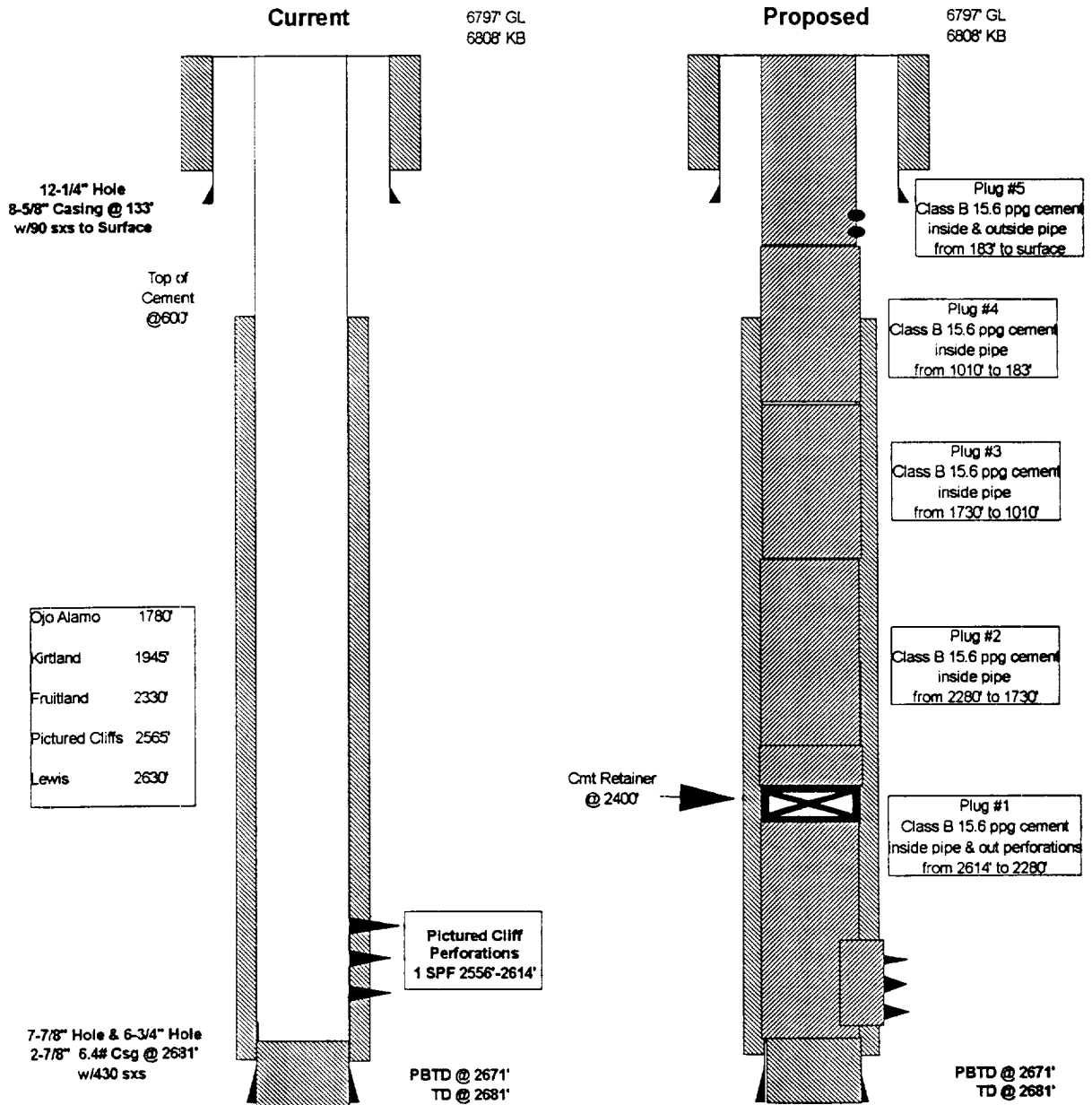
A+ Well Service	325-2627
L. L. Byars	326-9865
T. E. Mullins	326-9546
BLM	327-5344

RECEIVED  
BLM  
93 JUL 23 AM 9:18  
070 HATTINGTON, NM

# CANYON LARGO UNIT #191

T25NR07W23M

P & A WELL



This well will be plugged with cement.  
2 perforation holes for Plug #5 @ 183'.

IN REPLY REFER TO  
(019)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA  
1235 LA PLATA HIGHWAY  
FARMINGTON, NEW MEXICO 87401

Attachment to Notice of

Re: Permanent Abandonment

Intention to Abandon

Well: 191 Canyon Largo Unit

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):