

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	5. Lease Number Jic.Contract #108
2. Name of Operator Meridian Oil Inc.	6. If Indian, All. or Tribe Name Jic.Apache Tribe
3. Address & Phone No. of Operator PO Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec., T, R, M 1650'FNL, 1700'FEL, Sec.14, T-26-N, R-5-W, NMPM	8. Well Name & Number Jicarilla G #15
	9. API Well No.
	10. Field and Pool S.Blanco Pic.Cliff
	11. County and State Rio Arriba County, N

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

13. Describe Proposed or Completed Operations

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

RECEIVED  
APR 13 1992  
OIL CON. DIV.  
DIST. 8  
SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
APR 21 PM 2:29  
DIST. 8

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

Signed [Signature] (TEM) Title Regulatory Affairs Date APR 09 1992

(This space for Federal or State Office use)

APPROVED BY \_\_\_\_\_ Title \_\_\_\_\_ Date APR 09 1992

CONDITION OF APPROVAL, if any:

NMOCD

AREA MANAGER

**Jicarilla G #15**  
**T26NR05WSec14G**

Pictured Cliffs  
Procedure to Plug and Abandon Well

Note: 24 Hours before activity, notify BLM (326-6201) & NMOCD (327-5344).

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 & LD 1-1/4" tubing (from 3858'). Change out rams & rubber. PU & TIH w/ 2-3/8" tubing workstring & 5-1/2" csg scraper to 3550'. TOOH.
4. TIH w/ tbg & 5-1/2" cement retainer. Set retainer @ 3500'. Test tubing to 1500psi. Mix & Pump 87 sxs Class B 15.6 ppg cement from PBTD (3881') to cover Pictured Cliffs producing perforations w/ 100% excess. Max squeeze press 1000psi. Sting out of retainer. Dump 6 sxs cmt on top of retainer. LD 3 Jts tbg. **Reverse hole clean.**
5. Pump total of 3 Bbls of 9 ppg 50 visc mud filling hole to 3350'. Pressure test plug to 500psi. TOOH w/ tbg & setting tool.
6. Perforate 2 squeeze holes @ 3350'. RD. TIH w/ tbg & 5-1/2" cmt retainer. Set retainer @ 3200'. Test tubing to 1500psi. Establish circ into pers. Mix & Pump 92 sxs Class B 15.6 ppg cement 100% excess to cover Ojo Alamo Sand. Max squeeze press 1000psi. Sting out of retainer. Dump 6 sxs cmt on top of retainer. LD 3 Jts. **Reverse out.**
7. Pump total of 48 Bbls of 9ppg 50 visc mud filling hole to 1160'. Pressure test plug to 500 psi. TOOH w/tbg & setting tool.
8. Perforate 2 holes @ 1160'. RD. TIH w/ tbg & 5-1/2" cmt retainer. Set retainer @ 1100'. Test tubing to 1500psi. Establish circ into perms. Mix & Pump 55 sxs Class B 15.6 ppg cement 100% excess to cover fresh water sand. Max squeeze press 1000psi. Sting out of retainer. Dump 10 sxs cmt on top of retainer. LD 3 Jts. **RO.**
9. Pump total of 22 Bbls of 9ppg 50 visc mud filling hole to 130'. Pressure test plug to 500 psi. TOOH & LD 2-3/8" & setting tool.
10. Perforate 2 holes @ 130'. RD. Establish circulation out bradenhead. Mix & Pump approx 40 sxs Class B 15.6 ppg cement. Circulate good cement to surface out bradenhead.
11. Cut off WH below bradenhead. Install dry hole marker & restore location to BLM specifications.
12. RD workover rig. MOL.

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R. F. Headrick

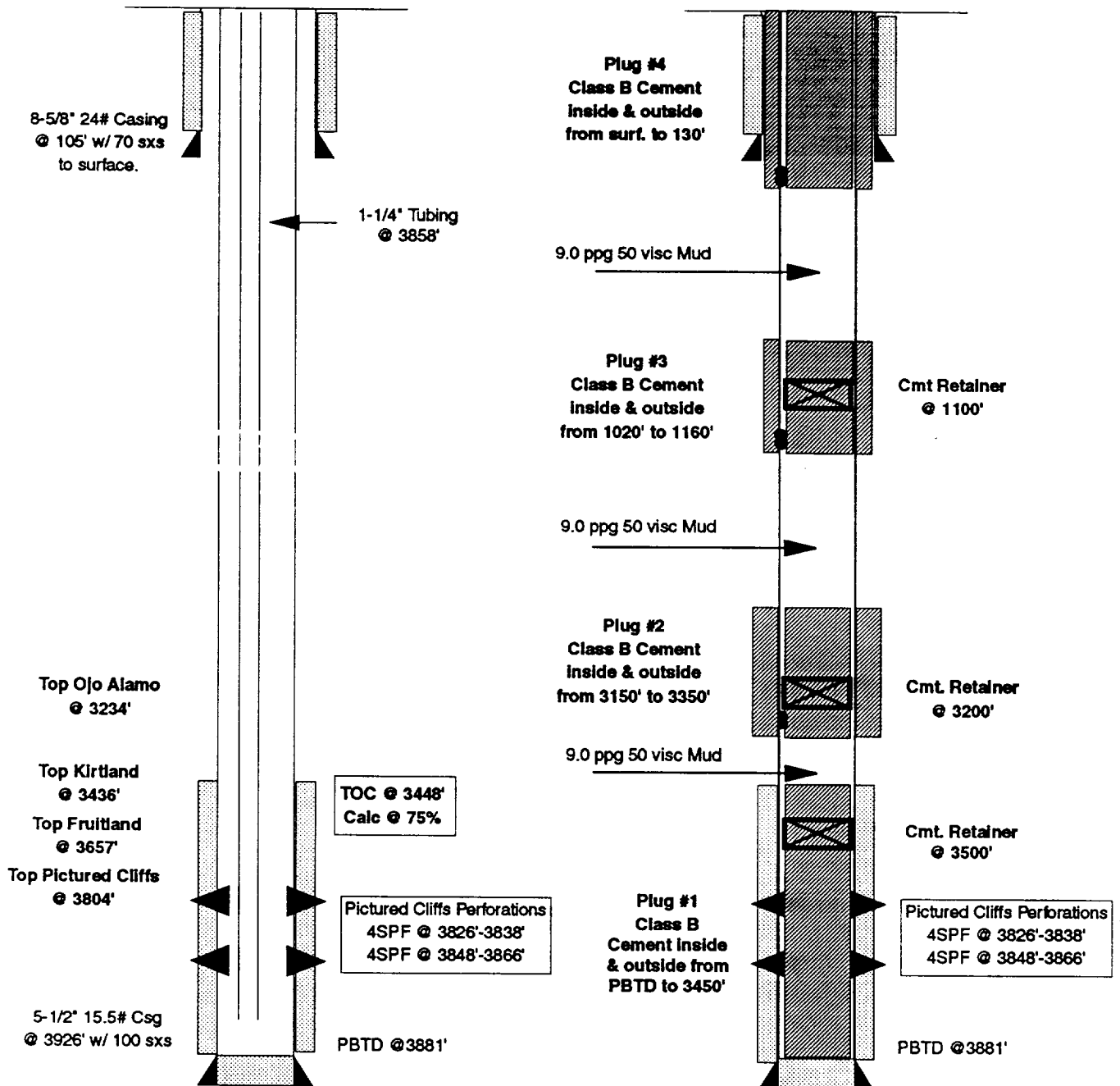
# Jicarilla G #15

T26R05W14G  
Pictured Cliffs

## Plug & Abandon

Current

Proposed



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: 15 Jrc G

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) 326-6201.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES  
FARMINGTON RESOURCE AREA

1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.
2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when  $\text{CaCl}_2$  is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).
5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perms-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.
  - 5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.
6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer. Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.
7. Following the placement of a cement plug, the withdrawal rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.

9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.

10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.

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DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

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2. Name of Operator  
Meridian Oil Inc.

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4. Location of Well, Footage, Sec., T, R, M  
1650'FNL, 1700'FEL, Sec.14, T-26-N, R-5-W, NMPM

5. Lease Number  
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Tribe Name  
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8. Well Name & Number  
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9. API Well No.

10. Field and Pool  
S.Blanco Pic.Cliff  
11. County and State  
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DIST.

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DEN  
APR 31 PM 2:29  
BUREAU OF LAND MGMT.

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

Signed [Signature] (TEM) Title Regulatory Affairs

Date 3/31/92

APPROVED

(This space for Federal or State Office use)

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

Date 09 1992

CONDITION OF APPROVAL, if any:

NMOCD

AREA MANAGER

**Jicarilla G #15**  
**T26NR05WSec14G**

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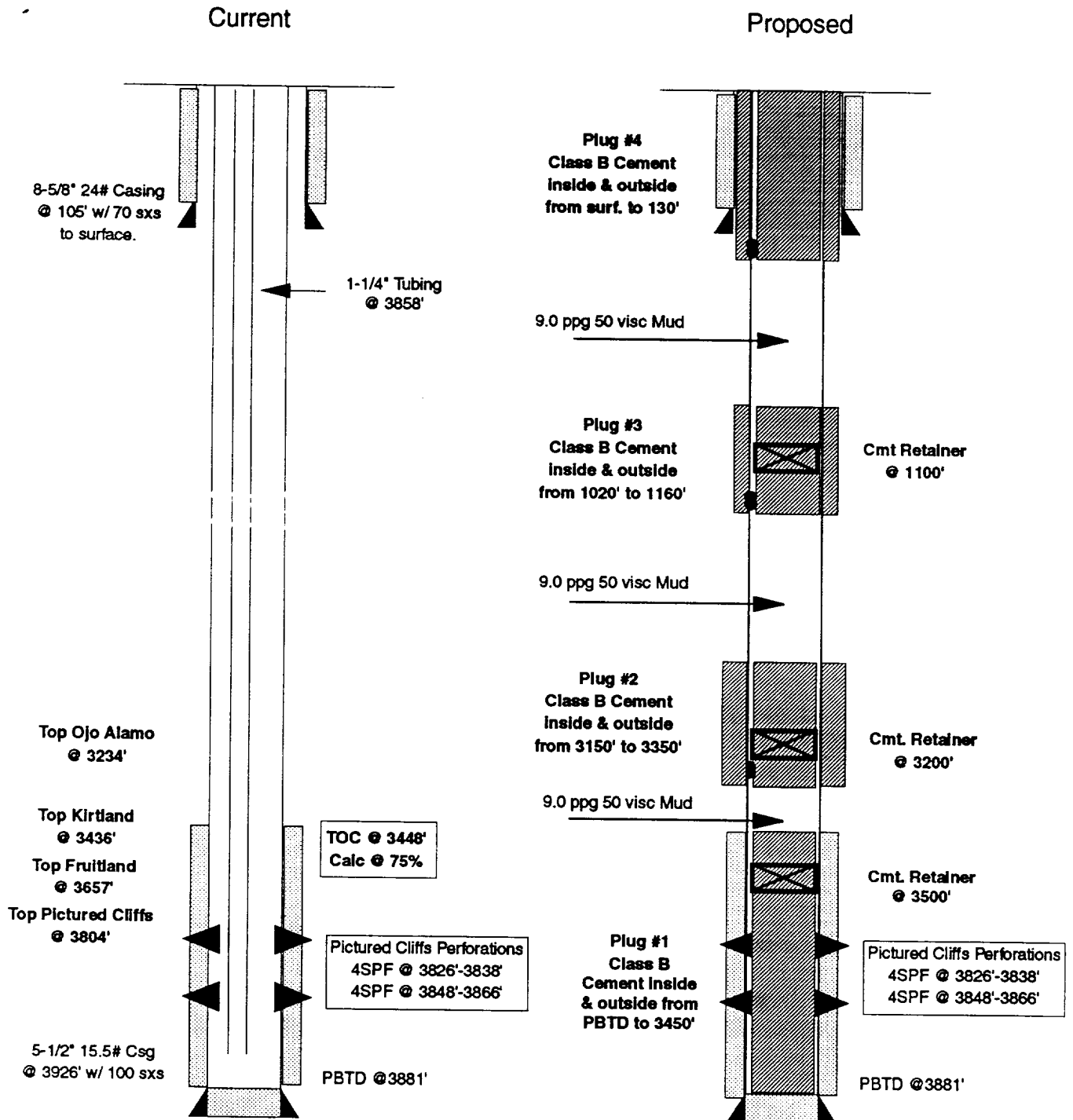


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T26R05W14G

Pictured Cliffs

## Plug & Abandon



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(019)

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