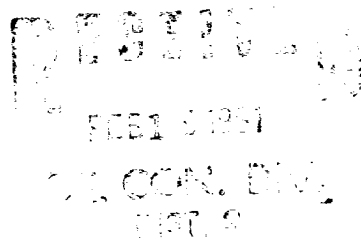


UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

Sundry Notices and Reports on Wells

1. Type of Well GAS	5. Lease Number Jic.Contract 123
2. Name of Operator Meridian Oil Inc.	6. If Indian, All.or Tribe Name Jic.Apache
3. Address & Phone No. of Operator Box 4289, Farmington, NM 87499 (505) 326-9700	7. Unit Agreement Name
4. Location of Well, Footage, Sec, T, R, M. 1500'N, 1600'W Sec.8 , T-25-N, R-4-W, NMPM	8. Well Name & Number Jicarilla 123 C #25
	9. API Well No.
	10. Field and Pool So. Blanco Pic. Cliffs
	11. County and State Rio Arriba County, NM
12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA	
Type of Submission	Type of Action
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment	<input checked="" 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	
12-28-90 MOL&RU. Ran GR-CCL. Set CIBP @ 3745'. PT 3500#. NU BOP. TIH w/pkr set @ 1866'. PT down tbg. no test. SDFN.	
12-29-90 PT backside @ 1666', no test. TIH w/tbg to 3745'. Located btm hole 3586-3616', top hole 423-454'. TOOH. SDFN.	
12-30-90 TIH w/121 jts 1 1/4" 2.33, J-55 tbg open ended, landed @ 3720'. ND BOP. NU WH. Released rig.	

It is now intended to plug and abandon this well. Procedure to do this work will be submitted.



14. I hereby certify that the foregoing is true and correct.  
Signed [Signature] Title Regulatory Affairs Date 1-8-91  
FEB 08 1991

(This space for Federal or State office use)

FARMINGTON RESOURCE AREA

BY [Signature]

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITION OF APPROVAL, IF ANY:

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

Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec, T, R, M.

1500'N, 1600'W Sec.8 , T-25-N, R-4-W, NMPM

5. Lease Number

Jic. Contract 123

6. If Indian, All or

Tribe Name

Jic. Apache

7. Unit Agreement Name

8. Well Name & Number

Jicarilla 123 C #25

9. API Well No.

10. Field and Pool

S. Blanco Pictured Cliff

11. County and State

Rio Arriba County, NM

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

Type of Submission

Type of Action

☒ Notice of Intent

☒ Abandonment

☐ Change of Plans

☐ Subsequent Report

☐ Recompletion

☐ New Construction

☐ Final Abandonment

☐ Plugging Back

☐ Non-Routine Fracturing

☐ Casing Repair

☐ Water Shut Off

☐ Altering Casing

☐ Conversion to Injection

☐ Other

13. Describe Proposed or Completed Operations

The subject well will be plugged and abandoned per attached procedure and diagram.

RECEIVED  
MAY 20 1991  
OIL CON. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

Signed [Signature] (LS) Title Regulatory Affairs

Date 5-13-91

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_

CONDITION OF APPROVAL, IF ANY:

APPROVED

MAY 16 1991

DATE  
BUREAU MANAGER  
FARMINGTON RESOURCE AREA

Plug and Abandonment Procedure  
Jicarilla 123 C #25

Note : Notify Mark Kelly with the Farmington BLM office (326-6201) at least 24 hours prior to commencement of plugging operations.

1. MIRU Bedford rig on location and blow down well. ND WH and NU BOP assembly.
2. Pump fresh water down the tubing and out the casing/tubing annulus to establish circulation.
3. Mix and place Class B neat cement (15.6 ppg, 1.18 ft<sup>3</sup>/sx yield, 5.2 gal of water/sx ) from PBD (3745') to 1475' by spotting cement 600' (17 sxs) at a time and pulling the tubing to above the cement top. TOOH w/ tubing.
4. Perforate 2 squeeze holes at 1475'. TIH with tubing open ended to 1425' and establish an injection rate out the squeeze holes with the bradenhead valve open, then pump 35 sxs (7.4 bbls) of cement into the casing annulus. Close the bradenhead valve and spot 5 sxs (1 bbl) of cement in the casing. TOOH with the tubing. This will cover 50' above and below the freshwater sand top at 1425'.
5. Continue out of the hole filling the casing with cement 600' at a time. Perforate two squeeze holes at 150'. Circulate 87 sacks of cement on the inside and outside of the casing from 150' to surface.
6. Cut off wellhead and set abandoned well marker.

LKS FOR R.F.H.  
R.F. Headrick

LKS

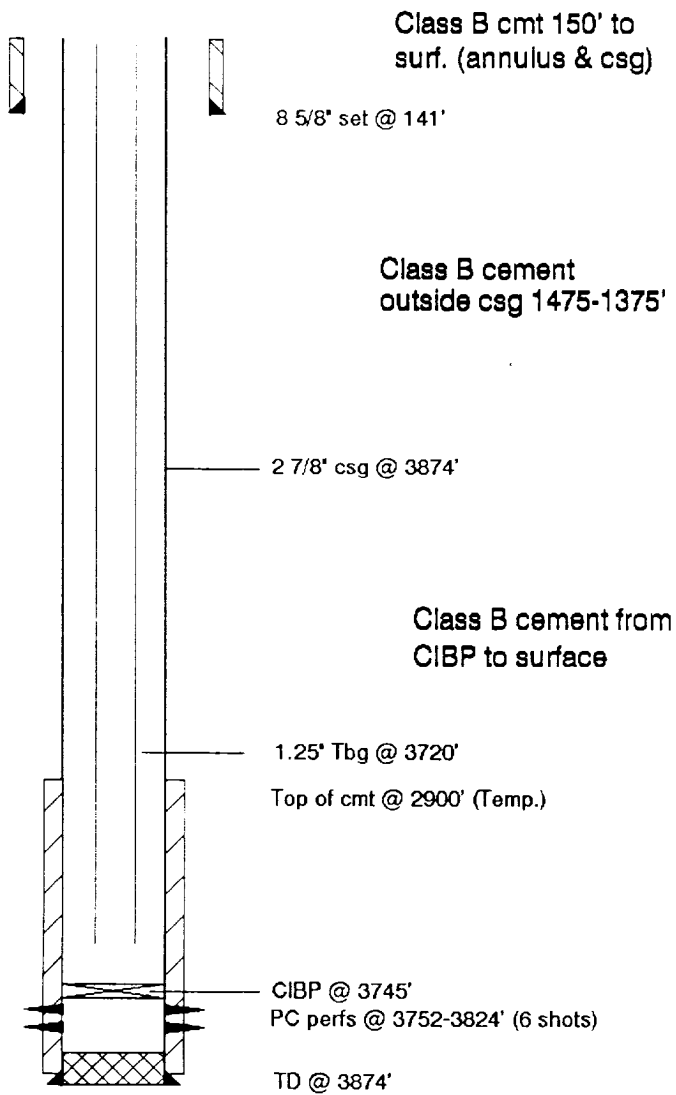
Services :  
Bedford, Inc. Rig, cement, perf, and BOP.

Bill Clark 325-1211

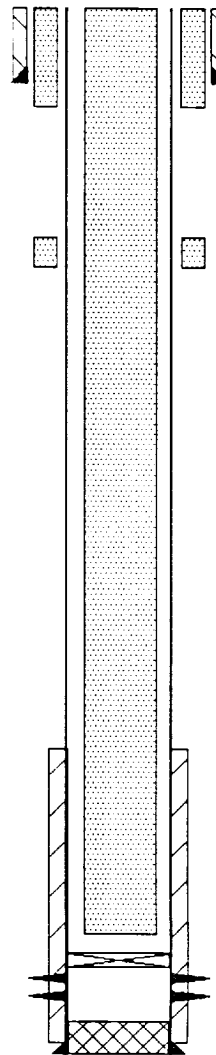
Jicarilla 123 C #25  
Unit F Sect 8-T25N-R4W  
Rio Arriba County, New Mexico

Wellbore Schematic

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: 25 Jicavilla 123C

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.