

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(Other instructions on re-  
verse side)

Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		2. NAME OF OPERATOR Robert L. Bayless		3. ADDRESS OF OPERATOR P.O. Box 168, Farmington, NM 87499		4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1500' FNL & 800' FEL		5. LEASE DESIGNATION AND SERIAL NO. Jicarilla Contract 38		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Jicarilla Apache Tribe		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME AXI Apache H		9. WELL NO. 6		10. FIELD AND POOL, OR WILDCAT Ballard Pictured Cliffs		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Section 6, T23N, R5W		12. COUNTY OR PARISH Rio Arriba		13. STATE NM	
14. PERMIT NO.		15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6786' GL 6794' KB																							

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)	See below		

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<input type="checkbox"/>
(Other)			

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

We propose to plug and abandon this well as per the attached procedure.

RECEIVED  
SEP 04 1992  
OIL CON. DIV.  
DIST. 3

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

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

SIGNED

Kevin H. McCord

TITLE Petroleum Engineer

DATE 8-27-92

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED  
AS AMENDED  
DATE

SEP 03 1992

Original Signed: STEPHEN MASON  
AREA MANAGER

\*See Instructions on Reverse Side

PLUG AND ABANDON PROGNOSIS  
ROBERT L. BAYLESS  
AXI APACHE H #6  
SENE SEC 6, T23N R5W  
RIO ARriba COUNTY, NEW MEXICO

EXISTING TUBULARS

SURF CASING: 8-5/8" 32.0 #/FT J-55 SET @ 163' - CIRC TO SURFACE  
PROD CASING: 5-1/2" 14.0 #/FT J-55 SET @ 2365' - CIRC TO SURFACE  
PROD TUBING: 1-1/4" 2.4 #/FT J-55 SET @ 2277'

EXISTING PERFORATIONS

PICTURED CLIFFS: 2237 - 2273 @ 4SPF

FORMATION TOPS

OJO ALAMO: 1693  
KIRTLAND: 1854  
FRUITLAND COAL: 2061  
PICTURED CLIFFS: 2234

PROCEDURE

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- 1 . MOVE IN AND RIG UP COMPLETION UNIT. SET ANCHORS IF NECESSARY.
- 2 . DIG AND FENCE RESERVE PIT. INSTALL 2" BLOWDOWN LINES.
- 3 . BLOW DOWN WELL. KILL WITH FRESH WATER IF NECESSARY. NIPPLE DOWN WELLHEAD AND NIPPLE UP BOP. CHECK AND REPLACE WELLHEAD VALVES IF NECESSARY.
- 4 . TRIP 1-1/4" TUBING OUT OF HOLE. TALLEY TUBING.
- 5 . TRIP TUBING IN HOLE TO 2284'. PUMP CEMENT PLUG #1 - 50 SACKS CLASS B CEMENT - FROM 2284' TO 2011' (PICTURED CLIFFS AND FRUITLAND COAL INTERVAL). PULL TUBING OUT OF CEMENT. WAIT 4 HOURS FOR CEMENT PLUG TO SET. TAG TOP OF CEMENT PLUG.
- 6 . MIX 50 BBLs OF 8.4 #/GAL MUD WITH SUFFICIENT VISCOSITY TO SUSPEND WEIGHTING MATERIAL. (8.4 #/GAL MUD IS SUFFICIENT TO CONTROL VIRGIN RESERVOIR PRESSURE FROM ANY PRODUCTIVE FORMATION IN THIS WELL). PUMP MUD ON TOP OF PLUG #1.
- 7 . MOVE TUBING TO 1743'. PUMP CEMENT PLUG #2 - 25 SACKS CLASS B CEMENT - FROM 1743' TO 1643' (OJO ALAMO INTERVAL).
- 8 . MOVE TUBING TO 213'. PUMP CEMENT PLUG #3 - 35 SACKS CLASS B CEMENT - FROM 213' TO SURFACE (ACROSS SURFACE CASING SHOE).
- 9 . REMOVE WELLHEAD. INSTALL DRY HOLE MARKER.
- 10 . REHABILITATE LOCATION AS PER SURFACE MANAGEMENT AGENCY REQUIREMENTS.

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: 6 AXE Apache H

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):

- 1) Set surface plug from 283 to surface (water sand base @ 233)
- 2) Bring Ojo Alamo plug down to 1900-1640 CO cover base of the Ojo Alamo

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.