

(November 1983)  
Formerly 9-331)

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse 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.)

OIL WELL ☐ GAS WELL ☐ 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 660' FSL & 1980' FEL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5705' RKB

3. LEASE DESIGNATION AND SERIAL NO.

14-20-603-5034

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo Tribal

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo Tribal "U"

9. WELL NO.

2

10. FIELD AND POOL, OR WILDCAT

Tocito Dome Penn. "D"

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 21, T26N, R18W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐

PULL OR ALTER CASING ☐

FRACTURE TREAT ☐

MULTIPLE COMPLETE ☐

SHOOT OR ACIDIZE ☐

ABANDON\* ☒

REPAIR WELL ☐

CHANGE PLANS ☐

(Other) ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐

REPAIRING WELL ☐

FRACTURE TREATMENT ☐

ALTERING CASING ☐

SHOOTING OR ACIDIZING ☐

ABANDONMENT\* ☐

(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.)

As per your letter of January 18, 1990, please accept the attached as our plans for the plugging and abandonment of this well.

SEE ATTACHED  
CONDITIONS OF APPROVAL

RECEIVED

MAR 26 1990

OIL CON. DIV.  
DIST. 3

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

SIGNED

Kevin H. McCord

TITLE

Petroleum Engineer

DATE

2/16/90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

APPROVED

AS AMENDED

MAR 19 1990

AREA MANAGER

\*See Instructions on Reverse Side

NAVAJO TRIBAL U #2

Section 21, T26N, R18W  
660' FSL & 1980' FEL  
San Juan County, New Mexico

PROPOSED PROCEDURE TO PLUG AND ABANDON

EXISTING CASING: 13 3/8" 48#/ft @ 93'  
8 5/8" 24#/ft @ 1480'  
4 1/2" 10.5#/ft @ 6425' DV tool @ 3613'

FORMATIONS (TOPS): Entrada 2030'  
Chinle 2730'  
DeChelly 3697'  
Cutler 4303'  
Barker Creek 6086'

EXISTING PERFORATIONS: 6280 - 6284 (squeezed)  
cast iron bridge plug @ 6271'  
6253 - 6258  
cast iron bridge plug @ 6229'  
6138 - 6143

1. Move in and rig up completion unit.
2. Nipple down wellhead. Nipple up BOP.
3. Pick up 2 3/8" tubing for work string. Trip in hole and tag CIBP at 6271 ft.
4. Circulate hole clean with water.
5. Trip tubing out of hole.
6. Trip in hole with CIBP on tubing. Set CIBP at 6050 ft.
7. Spot cement plugs through tubing as follows:

|         |                |       |
|---------|----------------|-------|
| plug #1 | 5950' - 6050'  | 25 sx |
| plug #2 | 4253' - 4353'  | 25 sx |
| plug #3 | 3647' - 3747'  | 25 sx |
| plug #4 | 2680' - 2780'  | 25 sx |
| plug #5 | 1980' - 2090'  | 25 sx |
| plug #6 | 1430' - 1530'  | 25 sx |
| plug #7 | surface - 143' | 25 sx |

- a) All cement shall be Class "E" cement  
(yield = 1.18 ft<sup>3</sup>/sx, weight = 15.6#/gal)
- b) All fluid between plugs shall be drilling mud with a minimum weight  
of 9.0 #/gal.

8. Nipple down BOP and wellhead.
9. Cut off all casing 3 ft. below ground level.
10. Install dry hole marker.
11. Rehabilitate well pad and pit area as per surface management agency requirements.

BUREAU OF LAND MANAGEMENT  
1235 La Plata Highway  
Farmington, New Mexico 87401  
Phone (505) 327-5344

Attachment to Notice of  
Intention to Abandon

Re: Permanent Abandonment

Well: 2 Navajo Tribal U

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) ~~327-5344~~. 326-6201
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

Modify - plug # 5 to 2182' - 1980'  
- plug # 7 place 50' of cement down backside ~~plug~~  
4 1/2" - 8 5/8" and 8 5/8" - 13 3/8" annulus

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

**RECEIVED**  
MAR 2 6 1990  
OIL CON. DIV  
OUT 2

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 perfs-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.

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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.