

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate  
(Other instructions on re-  
verse side)

Budget Bureau NY 1004-0  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL

SF 080116

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Blanco

9. WELL NO.

1

10. FIELD AND POOL OR WILDCAT

Basin Dakota

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

Section 20, T25N, R9W

12. COUNTY OR PARISH 13. STATE

San Juan

NM

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 ☐ 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

1190' FSL & 990' FWL

14. PERMIT NO.

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

6662' GL

16

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) See below

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON\*

CHANGE PLANS

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(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

DATE

APPROVED  
AS AMENDED

SEP 03 1992

STEPHEN MASON  
AREA MANAGER

\*See Instructions on Reverse Side

PLUG AND ABANDON PROGNOSIS  
ROBERT L. BAYLESS  
BLANCO #1  
SWSW SEC 20, T25N R9W  
SAN JUAN COUNTY, NEW MEXICO

EXISTING TUBULARS

SURF CASING: 8-5/8" 24.0 #/FT K-55 SET @ 160' - CEMENT CIRCULATED  
PROD CASING: 4-1/2" 10.5 #/FT K-55 SET @ 6501' - WITH 200 SACKS  
PROD TUBING: 2-3/8" 4.7 #/FT J-55 SET @ 6391'

EXISTING PERFORATIONS

DAKOTA: 6380 - 6386 @ 4SPF  
6392 - 6398 @ 4SPF  
6407 - 6416 @ 4SPF

PLUGS OR PACKERS

PROD PACKER: 6322

FORMATION TOPS:

OJO ALAMO: 934  
KIRTLAND: 1190  
FRUITLAND COAL: 1651  
PICTURED CLIFFS: 1839  
LEWIS SHALE: 1999  
CLIFFHOUSE: 2659  
POINT LOOKOUT: 4300  
MANCOS SHALE: 4518  
GALLUP: 5335  
GREENHORN: 6228  
DAKOTA: 6349

CALCULATED TOP OF CEMENT AT 5700'

PROCEDURE  
=====

- 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 . RELEASE PACKER AND TRIP 2-3/8" TUBING AND PACKER OUT OF HOLE. TALLEY TUBING. LAYDOWN PACKER AND SEATING NIPPLE.
- 5 . TRIP TUBING IN HOLE TO 6400'. PUMP CEMENT PLUG #1 - 25 SACKS CLASS B CEMENT - FROM 6400' TO 6100' (DAKOTA INTERVAL). PULL TUBING OUT OF CEMENT. WAIT 4 HOURS FOR CEMENT PLUG TO SET. TAG CEMENT PLUG.
- 6 . MIX 100 BBL PIT 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. TRIP TUBING OUT OF HOLE.

- 7 . PERFORATE SQUEEZE HOLES AT 5385'. TRIP TUBING IN HOLE TO 5385'. PUMP CEMENT PLUG #2 - 60 SACKS CLASS B CEMENT - FROM 5385' TO 5285' (GALLUP INTERVAL). TRIP TUBING OUT OF HOLE.
- 8 . PERFORATE SQUEEZE HOLES AT 2709'. TRIP TUBING IN HOLE TO 2709'. PUMP CEMENT PLUG #3 - 60 SACKS CLASS B CEMENT - FROM 2709' TO 2609' (MESA VERDE INTERVAL). TRIP TUBING OUT OF HOLE.
- 9 . PERFORATE SQUEEZE HOLES AT 1889'. TRIP TUBING IN HOLE TO 1889'. PUMP CEMENT PLUG #4 - 150 SACKS CLASS B CEMENT - FROM 1889' TO 1601' (PICTURED CLIFFS AND FRUITLAND COAL INTERVAL). TRIP TUBING OUT OF HOLE.
- 10 . PERFORATE SQUEEZE HOLES AT 984'. TRIP TUBING IN HOLE TO 984'. PUMP CEMENT PLUG #5 - 60 SACKS CLASS B CEMENT - FROM 984' TO 884' (OJO ALAMO INTERVAL).
- 11 . MOVE TUBING TO 210'. PUMP CEMENT PLUG #6 - 35 SACKS CLASS B CEMENT - FROM 210' TO SURFACE. TRIP REMAINING TUBING OUT OF HOLE.
- 12 . REMOVE WELLHEAD. INSTALL DRY HOLE MARKER.
- 13 . 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: 1 Blanco

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) Ojo Alamo plug from 1238-936 inside + outside 4 1/2" production casing
- 2) Surface plug from 224' to surface (surface casing shoe @ 174)

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 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.

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.