

Form 3162-5 5 BLM
(November 1983)
(Formerly 9-331)

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NOTICES AND REPORTS ON WELLS

For proposals to drill or to deepen or plug back to a different reservoir.
APPLICATION FOR PERMIT (for such proposals.)

(Do not use) ☐ OTHER

1. OIL WELL
2. NEW DRILLER
3. WELL (Report location clearly and in accordance with section 17 below.)
FNL & 1650' FWL

420, Farmington, NM 87499

14. PERMIT NO.

15. ELEVATIONS (Show whether Dr. or other)
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)
PILL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON
CHANGE PLANE

16. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent locations and measured and true vertical depths for all markers and spot proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and spot next to this work.)

Plug to abandon with class "B" cement plugs spotted with 9 lb./gal. mud as follows:
1) Spot 100 plug on top of cut off liner @ 3294', if possible to reach this depth. Plug will be in 6 1/2" open hole from 3194 to 3294 with 22 cu. ft.
2) Spot 100' plug across 7" casing shoe @ 3050. Plug will 3000-3100 using 23 cu. ft.
3) Spot 100' plug across Mesa Verde top @ 2421' (2371-2421) with 23 cu. ft.
4) Perforate 50' below 9-5/8" surface casing (135') @ Pump cement down 7" casing and circulate to surface cu. ft.
5) Cut off casing and set dry hole marker.

18. I hereby certify that the foregoing is true and correct
SIGNED John Alexander
(This space for Federal or State office use)
APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE Operations Manager

TITLE

*See Instructions on Reverse Side
Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make States any false, fictitious or fraudulent statements or representations as to any matter

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NOV 27 1990
OIL CON. DIV.
DIST. 3

7. UNIT AGREEMENT NAME
8. FARM OR LEASE NAME
Boulder
9. WELL NO.
10. FIELD AND POOL, OR WILDCAT
Boulder Mancos
11. SEC. T. R. M. OR BLM. AND SURVEY OR AREA
Sec. 23, T28N, R1W, NMPM
12. COUNTY OR PARISH
Rio Arriba
13. STATE
NM

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
SUBSEQUENT REPORT OF:
REPAIRING WELL
ALTERING CASING
ABANDONMENT

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)
Completion or Recompletion data, including estimated date of start and true vertical depths for all markers and spot

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: 4 Boulder

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):

a) Bring Surface plug down to 270 to Surface inside & outside 7" cas.

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DIST. 3

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 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.