

Form 3160-5
(November 1983)
(Formerly 9-331)

UNITED STATES DEPARTMENT OF INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE

SUNDRY NOTICES AND REPORTS ON WELLS

1. Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input type="checkbox"/>	5. Lease Designation And Serial No SF - 079332A
2. Name Of Operator MOBIL PRODUCING TX 7 NM INC. (Mobil Exploration & Production US Inc., Agent)	6. Indian, Allottee Tribe Name NA
3. Address Of Operator P. O. Box 5444, Denver, CO 80217-5444	7. Unit Agreement Name
4. Location Of Well 2285'FNL, 2130 FEL Sec 28, T24N, R1W, NMPM	8. Farm Or Lease Name HARRINGTON FEDERAL 28
14. Permit No. API No. 30-039-24332	9. Well No.
15. Elevation 7380 GR, 7392 KB	10. Field And Pool, Or Wildcat W. Puerto Chiquito Mancos
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data	11. Sec., T., R., Sec 28, T24N, R1W, NMPM
Notice Of Intention To :	12. County Rio Arriba
Test Water Shut-off <input type="checkbox"/> Pull Or Alter Casing <input type="checkbox"/> Water Shut-off <input type="checkbox"/> Repairing Well <input type="checkbox"/>	13. State N. M.
Fracture Treat <input type="checkbox"/> Multiple Complete <input type="checkbox"/> Fracture Treatment <input type="checkbox"/> Altering Casing <input type="checkbox"/>	
Shoot Or Acidize <input type="checkbox"/> Abandon <input checked="" type="checkbox"/> Shooting Or Acidizing <input type="checkbox"/> Abandonment <input type="checkbox"/>	
Repair Well <input type="checkbox"/> Change Plans <input type="checkbox"/> (Other) <input type="checkbox"/>	

17. Describe Proposed Or Completed Operations

THIS WELL IS TO BE ABANDONED ACCORDING TO THE FOLLOWING PLAN AS SPECIFIED BY JOHN KELLER AND STEVE MASON BY TELEPHONE WITH W. D. LOWRY WITH APPROVAL RECEIVED 9:30 AM, DECEMBER 19, 1988.

Set cement plug from top of Pictured Cliffs @ 3100' to a minimum height of 50' above the top of the Ojo Alamo @ 2711' (as picked by BLM). The top of this plug is to be verified by weight.

Lost circulation material is to be shaken from the mud at this time and subsequent plugs set as follows:

- 1400'-1500' across a sand @ 1452' with 100% excess calculated volume.
- 513'-413' across the surface casing shoe.
- 50'-0' at the surface.

Cement for these plugs can be Class B with 0.4% CF2, and 2% CaCl2 with addition of Hi-Seal as required to control lost circulation.

RECEIVED
OIL CON. DIST.
JAN 05 1989
FARMINGTON RESOURCE AREA
FARMINGTON, NEW MEXICO

CONFIDENTIAL

RECEIVED
JAN 05 1989
OIL CON. DIST.

SEE ATTACHED FOR
CONDITIONS OF APPROVAL

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

Signed S. R. Maynard Title Regulatory Compliance Mgr. Date December 19, 1988
Approved By _____ Title _____ Date DEC 22 1988
Conditions Of Approval If Any:

44-0000

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: 1 Harrington Federal 128

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.
3. Blowout prevention equipment is required.
4. The following modifications to your plugging program are to be made (when applicable):

RECEIVED
JAN 05 1989
OIL CON. DIV
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 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.