

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

Form approved.  
Budget Bureau No. 1004-013  
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 <input type="checkbox"/>	33 MAR 7 PM 2:27	5. LEASE DESIGNATION AND SERIAL NO. SF-078415A
2. NAME OF OPERATOR Meridian Oil Inc.	FARMINGTON RESERVOIR AREA FARMINGTON, NEW MEXICO	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR Post Office Box 4289, Farmington, NM 87499		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 990'N, 1650'W		8. FARM OR LEASE NAME Roelofs E
14. PERMIT NO.	15. ELEVATIONS (Show whether OF, ST, OR, etc.) 6748' GL	9. WELL NO. 5
		10. FIELD AND POOL, OR WILDCAT Blanco Pic. Cliffs
		11. SEC., T., R., M., OR BLM. AND Sec. 22, 1-29-N, R-8 - N.M.P.M.
		12. COUNTY OR PARISH 13. STATE San Juan NM

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
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"/>
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 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"/>	
(Other) <input type="checkbox"/>			

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Check 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.)

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

It is intended to plug & abandon this well in the following manner:

MOL&RU. ND manifolding, install manual BOP. TIH w/1 1/4" tbg. Reverse circulate through obstruction near 1500' using water. CO to bottom @ 3350'. Spot 9#/gal. mud across perfs, TOOH w/tbg. RU wireline. Set 2 7/8" BP @ 3300'. PT csg 1000#, if fails, establish a rate & pressure. TIH w/ retrievable pkr, set @ 2500'. PT csg below pkr. Pull pkr up in 200' increments to isolate bottom of failed csg. TOOH. Perf squeeze hole @ 3000'. TIH w/2 7/8" pkr on 1 1/4" tbg, set pkr 100' below failed interval. Displace 200 sks. Cl "B" neat cmt to cover Ojo Alamo. Release pkr & TOOH. TIH w/tbg to 3000' or tag cmt. Displace 25 sks. Cl "B" to cover Ojo Alamo inside pipe, TOOH. WOC 8 hrs. Tag cmt top. Perf hole @ 170'. Est. circ. through bradenhead. Pump 50 sks. Cl "B" to circulate bradenhead & fill 2 7/8" to surface. Cut off WH. Install dry hole marker. Release rig.

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

RECEIVED  
MAR 27 1989  
OIL CON  
DIST 03-03-89  
APPROVED  
AS AMENDED  
MAR 27 1989  
AREA MANAGER

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

SIGNED

Regulatory Affairs (WS)

(This space for Federal or State office use)

APPROVED BY  
CONDITIONS OF APPROVAL, IF ANY:

TITLE

\*See Instructions on Reverse Side

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: 5 Ruelofs E

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):

*Add a plug from 430' - 270' inside + outside 2 7/8" casing  
fresh water sand.*

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

RECEIVED  
MAR 27 1989

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.

RECEIVED  
OCT 1973  
FARMINGTON DIST. OFFICE

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.