

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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

Form approved.
Budget Bureau No. 1004-0135
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	7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR Tenneco Oil Company	8. FARM OR LEASE NAME Moore LS
3. ADDRESS OF OPERATOR P.O. Box 3249 Englewood, CO 80155	9. WELL NO. 4
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface NWNE 990°N/1650°E	10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde
11. SEC., T., R., E., OR S.E., AND SUBDIVISION OR AREA Sec 23 T32N R12W	12. COUNTY OR PARISH San Juan
13. STATE NM	
14. PERMIT NO.	15. ELEVATIONS (Show whether SP, ST, OR, etc.) 6280 KB 6268 GL

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"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	<input type="checkbox"/>

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.)

Tenneco Oil proposes to plug and abandon the above referenced well using the attached procedure.

RECEIVED
OCT 05 1988
OIL CON. DIV.
DIST. 3

RECEIVED FOR
COMPLETION OF APPROVAL

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

SIGNED <u>S. D. Chik</u>	TITLE <u>Staff Administrative Analyst</u>	DATE <u>9/23/88</u>
(This space for Federal or State office use)		
APPROVED BY <u>James E. Edwards</u>	TITLE <u>NMOCC</u>	DATE <u>SEP 30 1988</u>
CONDITIONS OF APPROVAL, IF ANY:		

*See Instructions on Reverse Side

7183W/2/AMM

LEASE Moore LS

WELL NO. 4

CASING:

9-5/8 "OD, 25.4 LB, _____ CSG/W 125 _____ SX

TOC @ surf. HOLE SIZE 13-3/4" DT: 3/3/55

REMARKS _____

7 "OD, 20, 23 LB, _____ CSG/W 500 _____ SX

TOC @ 2675'. HOLE SIZE 8-3/4" DT: 3/18/55

REMARKS TOC by temperature survey

_____ "OD, _____ LB, _____ CSG.W/ _____ SX

TOC @ _____. HOLE SIZE _____ DATE _____

REMARKS _____

TUBING:

2-3/8 "OD, 4.7 LB, J-55 GRADE, 8 RD, EUE CPLG

LANDED @ 4886'. SN, PACKER, ETC. (157 jts)

_____ "OD, _____ LB, _____ GRADE, _____ RD, _____ CPLG

LANDED @ _____. SN, PACKER, ETC. _____

PUMP _____ RODS _____ ANCHOR _____

DETAILED PROCEDURE:

1. Test anchors. Prep location.
2. MIRUSU. Kill well. NDWH. NUBOP.
3. Notify BLM prior to plugging operations.
4. POOH w/tbg. Visually inspect tbg.
5. TIH w/tbg to Howco cmt retainer. PT tbg to 1000 psi.
6. Sting into retainer. Establish injection rate. Squeeze open hole w/100 sx Class B neat cmt. POOH and spot 20 sx on retainer.
7. POOH laying down tbg to 2820'. Spot a 115 sx plug from 2820' to 2230' to cover the Picture Cliffs at 2765' and the top of the Fruitland at 2284'. Cmt w/ Class B neat cement. Place 9.2 ppg mud between plugs.
8. POOH w/tbg. PU and RIH w/4" csg gun and shoot 4 holes @ 1700'. PU 7" (size 3-BB) Baker model K-1 type retainer and RIH on tbg to 1650'. Set retainer. Test tbg to 1000 psi. Test csg to 500 psi. Establish injection rate and cmt annulus w/150 sx of Class B cmt.

174'

OJO-1570

FT- 2284

PC- 2765

2 3/8" tbg
@ 4886'

Howco SV
easy-drill
cmt. retainer
@ 4913'

5035'

CH- 4547

MEN-4650

PLQ-5078

5280'

PROCEDURE - PAGE 2

LEASE NAME: Moore LS WELL NUMBER: 4

9. Pull out of retainer. Spot a 20 sx plug on top of retainer.
10. Pull up to 225' and circ 40 sx Class B neat cmt to surface.
11. Bradenhead squeeze 9-5/8" x 7" annulus w/50 sx of Class B neat cmt.
12. POOH. NDBOp. Cut off wellhead. Install P&A marker.
13. Rehab location as per BLM specifications.

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: 4 Moore LS

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
2. Bill Blackard 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):

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.

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.