

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPPLICATE\*  
(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		5. LEASE DESIGNATION AND SERIAL NO. SF-078147
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, Colorado 80155		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' FNL, 1650' FEL		8. FARM OR LEASE NAME Moore Ls
14. PERMIT NO. 30-045-60069		9. WELL NO. 4
15. ELEVATIONS (Show whether on, to, or above) 6268' GL		10. FIELD AND POOL, OR WILDCAT Blanco Mesaverde
BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T32N, R12W
		12. COUNTY OR PARISH San Juan
		13. STATE NM

RECEIVED  
MAY 14 1986

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 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"/>	

(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 measure and true vertical depths for all markers and zones pertinent to this work.)\*

Tenneco requests permission to plug and abandon the referenced well according to the attached detail procedure.

RECEIVED  
MAY 29 1986  
OIL CON. DIV.  
DIST. 3

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

SIGNED *[Signature]*

TITLE Administrative Analyst

DATE May 2, 1986

(This space for Federal or State office use)

APPROVED BY *[Signature]*

TITLE

APPROVED  
AS AMENDED  
DATE

CONDITIONS OF APPROVAL, IF ANY:

MAY 23 1986

*[Signature]*  
AREA MANAGER

SEE ATTACHED FOR  
CONDITIONS OF APPROVAL

\*See Instructions on Reverse Side

NMOCC

95/8

174'

5580W/2/JSF  
LEASE Moore LS  
WELL NO. 4

CASING:

9-5/8"OD, 25.4 LB, J-55 CSG.W/ 125 SX

TOC @surface HOLE SIZE 13-3/4" DATE: 3/3/55

REMARKS \_\_\_\_\_

7" OD, 20/23 LB, J-55 CSG.W/ 500 SX

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

REMARKS \_\_\_\_\_

\_\_\_\_\_"OD, \_\_\_\_\_ LB, \_\_\_\_\_ CSG.W/ \_\_\_\_\_ SX

TOC @ \_\_\_\_\_. HOLE SIZE \_\_\_\_\_ DATE: \_\_\_\_\_

REMARKS \_\_\_\_\_

TUBING:

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

LANDED @ 4886' SN, PACKER, ETC. No SN

\_\_\_\_\_"OD, \_\_\_\_\_ LB, \_\_\_\_\_ GRADE, \_\_\_\_\_ RD, \_\_\_\_\_ CPLG

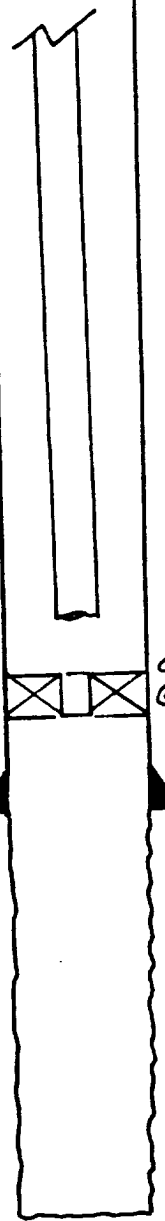
LANDED @ \_\_\_\_\_. SN, PACKER, ETC. \_\_\_\_\_

PUMP \_\_\_\_\_ RODS \_\_\_\_\_ ANCHOR \_\_\_\_\_

NOTE: Records indicate leak in 7" csg.

DETAILED PROCEDURE:

1. MIRUSU. NDWH. NUBOP. Haul an additional 10 jts of tbg to location.
2. POOH w/tbg. PU 6-1/4" bit and RIH. Drill up retainer and push into open hole. POOH.
3. RIH w/new 7" cmt retainer and set @ 4900'. PU and PT tbg to 1000 psi. Set dn and est. rate into MV. Mix and pump 100 sx Class B. Disp cmt to within 1 bbl of retainer. Sting out and POOH.
4. Perf 7" csg 4 JSPF @ 1650'. RIH w/7" cmt retainer and set @ 1550. Squeeze Ojo Alamo w/50 sx Class B. Disp cmt to retainer and quickly sting out of retainer and LD tbg to 200'.
5. Mix and spot 30 sx Class B from 200' to surface. POOH and LD tbg. NDBOP.
6. Establish injection rate into 9-5/8"x7" annulus. Mix and pump 50 sx Class B into bradenhead.
7. NDBOP, cut off wellhead and weld on P&A marker according to BLM specifications.
8. RDMOSU. Reseed and reclaim location as specified by BLM.



7" @

5035'

CMT RET.  
@ 4913'

Top Ojo @ 1570'

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. The Farmington office (telephone (505) 325-4572) is to be notified in sufficient time for a representative to witness all plugging operations.
3. Blowout prevention equipment is required.
4. In addition to normal filling of pits and cleanup of location, additional surface restoration work may be required, i.e. ripping of pad and/or access road, reseeding, etc. We have asked the Surface Management Agency for the surface restoration requirements for this well and we should be able to furnish you these requirements within 30 days. After plugging the well and before making final clean-up, you should contact this office unless you have already been advised as to what additional surface restoration work is required.
5. The following modifications to your plugging program are to be made (when applicable):
  - A. Add a cement plug from 4458' to 4358'  
(to cover the top of the La Venzana).
  - B. Add a cement plug from 2819' to  
2719' (to cover the top of the  
Pictured Cliffs).

Office Hours: 7:30 A.M. to 4:15 P.M.

GENERAL REQUIREMENTS FOR  
PERMANENT ABANDONMENT OF WELLS ON FEDERAL LEASES  
FARMINGTON DISTRICT

1. Secure prior approval 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.
3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations.
4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 25 sacks or 100 feet in length, whichever is greater.
5. Any cement plug placed when well is not full of fluid, or when well may be taking fluid, will be touched after cement has set to verify proper location.
6. Mud must be placed between plugs. Minimum consistency of plugging mud must be 9.2 lbs/gal. Brine is to be utilized for mixing mud where possible.
7. Within 15 days after plugging work is completed, file Subsequent Report of Abandonment, form 9-331, in quintuplicate with District Supervisor, U.S.G.S., Drawer 600, Farmington, New Mexico 87499-00600. 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.
8. All permanently abandoned wells are to be marked with a permanent monument, on which has been stenciled or beaded the well name, well number, and well location by quarter-quarter, section, township, and range. The monument is to be of steel pipe, not less than four inches in diameter, cemented permanently in the ground, and extending four feet above general ground level. The top should be closed with a screw cap, welding, or a cement plug.
9. After plugging work is completed:
  - a. Fill all pits, rat hole and cellar.
  - b. Clean well location of all equipment, concrete bases, pipe, junk and trash.
  - c. Cut or remove tie downs.
  - d. If last well on lease, and no additional drilling is contemplated, fill tank battery pits, remove battery equipment, and clean and level battery location.
  - e. Accomplish surface restoration as specified by the surface management agency or land owner.

All above are minimum requirements: The Subsequent Report of Abandonment will not be approved and the period of liability under the bond of record terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.