

DEPARTMENT OF THE INTERIOR

GE OLOGICAL SURVEY

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. <input checked="" type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. NM-7951	
2. NAME OF OPERATOR Tenneco Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 80222		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 660' FSL and 660' FWL, Unit M		8. FARM OR LEASE NAME Leonard Bros.	
14. PERMIT NO.		9. WELL NO. 7	
15. ELEVATIONS (Show whether DF, RT, CR, etc.) 2993.4' GL		10. FIELD AND POOL, OR WILDCAT Leonard Queen South	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 13, T26S, R37E	
		12. COUNTY OR PARISH Lea	13. STATE New Mexico

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 checked="" type="checkbox"/>	MULTIPLE COMPLETION <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" 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) Perforate Penrose <input checked="" 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 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.)

We propose to reperforate, acidize, and fracture this well as follows:

1. MIRUPU, pull rods & tubing, and load hole with produced water.
2. Perforate 2 JSPF from 3462' - 82', 3488' - 94', and 3498' - 3506'. (+71 holes)
3. Set 80' of 4" flush joint scab liner from 3353' - 3433' to cover and isolate Queen perms. We may want to inject into Queen zone at a later date so a cement squeeze would not work.
4. Circulate 15 bbls of 15% HCL and set packer at 3343'.
5. Acidize new perms with 100 ballsealers and 57 bbls of acid.
6. Frac with 19,300 gallons of cross linked gel water and 52,000 lbs of 20/40 mesh sand.
7. POH with packer, RIH with production equipment and place well back on production.
8. Clean location of all debris.
9. No new surface disturbance will be caused by this workover.

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

SIGNED [Signature]

TITLE: Div. Production Manager

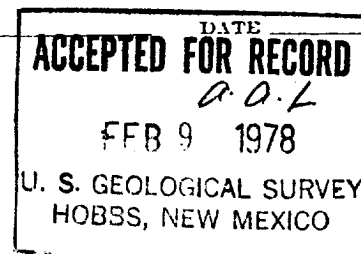
DATE 2-6-78

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

*See Instructions on Reverse Side



RECEIVED

FEB 14 1978

OIL CONSULTATION COMM.
MOBES, N. M.