

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-7951	
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME 7	
3. ADDRESS OF OPERATOR 1860 Lincoln St., Suite 1200, Denver, Colorado 80295		8. FARM OR LEASE NAME Leonard Bros.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FSL and 1980' FEL At top prod. interval reported below ✓ At total depth Unit J		9. WELL NO. 4	
11. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Leonard Queen South	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 8-24-77	16. DATE T.D. REACHED 9-2-77	17. DATE COMPL. (Ready to prod.) 9-12-77	18. ELEVATIONS (DT, REB, RT, GR, ETC.)* 2992.6 GL
20. TOTAL DEPTH, MD & TVD 3560'	21. PLUG BACK T.D., MD & TVD 3557'	22. IF MULTIPLE COMPL., HOW MANY* →	23. INTERVALS DRILLED BY →
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Leonard Queen South 3396' - 3528'			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN CNFDL, Dual Laterolog			27. WAS WELL COILED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	32#	513'	12-1/4"
5-1/2"	23#	3557'	7-7/8"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
	None set	None set	
31. PERFORATION RECORD (Interval, size and number) Leonard Queen South Perf'd 45 holes from 3477' - 3524'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3477' - 3524'		Acidized with 2000 gallons of 15% HCL	
		Frac'd with 25,500 lbs of 20/40 mesh sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 9-12-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 9-15-77		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24 hours	CHOKE SIZE none	PROD'N. FOR TEST PERIOD →	
FLOW, TUBING PRESS.	CASING PRESSURE 40	OIL—BBL. 186	GAS—MCF. 46.5
no tbg.	CALCULATED 24-HOUR RATE →	WATER—BBL. 4 load water	GAS-OIL RATIO 250
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.		OIL GRAVITY-API (CORR.) 37.3	
35. LIST OF ATTACHMENTS Logs have already been mailed to your office.			
36. I hereby certify, that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>A. A. [Signature]</u>		TITLE <u>Div. Production Manager</u>	
		DATE <u>9-15-77</u>	

*(See Instructions and Spaces for Additional Data on Reverse Side)