

UNIT STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NM-7951

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Leonard Federal

9. WELL NO.

12

10. FIELD AND POOL, OR WILDCAT

Leonard Queen South

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 14, T26S, R37E

12. COUNTY OR
PARISH

Lea

13. STATE

NM

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

720 South Colorado Blvd, Denver, Co 80222

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 1980' FSL & 1980 FWL Unit-K

At top prod. interval reported below

At total depth

11. PERMIT NO.

U. S. GEOLOGICAL SURVEY
HOBBBS, NEW MEXICO

15. DATE SPUNDED 3/15/78 16. DATE T.D. REACHED 3/17/78 17. DATE COMPL. (Ready to prod.) 3/28 78 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 2990' GL 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 3640' 21. PLUG, BACK T.D., MD & TVD 3640' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0'-TD 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3522-3584 Queen 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, CDL, CNL, DVAL LATEROLOG, MICRO LATEROLOG 27. WAS WELL CORED NO

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24#	536	12 1/2"	500 sx	NONE
5 1/2"	15.5#	3640	7 7/8"	1360 sx	NONE

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8"	3640	NONE

31. PERFORATION RECORD (Interval, size and number)

3522-26', 3536-56', 3562-84',
w/1 JSPF.

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3522-3584'	Acid w/2500 gal mud acid
3522-3584'	Frac'd w/36,000 gal x-lined gel wtr w/78,000# 20/40 sand, 18,000# 10/20 sand

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/28/78		Pumping				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
5/15/8	24		→	15	30	140	2000
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
		→	15	30	140	38.5	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

SOLD

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

LOGS FORWARDED PREVIOUSLY

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Robert J. Smith

TITLE

William M. Mays

DATE

5-23-78

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