

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-7951	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 720 South Colorado Blvd, Denver, CO 80222		8. FARM OR LEASE NAME Leonard Bros.	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 1980' FWL Unit-F At top prod. interval reported below At total depth		9. WELL NO. 16	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT South Leonard Queen	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 13, T26S, R37E	
15. DATE SPUDDED 4/9/78		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 4/16/78		13. STATE NM	
17. DATE COMPL. (Ready to prod.) 4/28/78		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3005' GL	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 3617	
21. PLUG BACK T.D., MD & TVD 3583		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS 0' = TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Queen 3384-3524		25. WAS DIRECTIONAL SURVEY MADE yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL, CNL, DUAL LATEROLOG, MICROLATEROLOG		27. WAS WELL CORED NO	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8-5/8"	24	505	12-1/4"
5-1/2"	15.5	3615	7-7/8"
CEMENTING RECORD		AMOUNT PULLED	
500 SX		NONE	
1100 SX		NONE	
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD		SCREEN (MD)	
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8"	3583	NONE	
31. PERFORATION RECORD (Interval, size and number)			
3384-3420', 3450-54', 3462-82' 3490'-3514, 3520-24' w/ 1 JSPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3384-3524		Acidize w/60 bbls mud acid	
3384-3524		Frac'd w/64,000 gal x-linked gel wtr. w/120,000# 20/40 sand & 36,000# 10/20 sand	
33.* PRODUCTION			
DATE FIRST PRODUCTION 4/29/78		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 5/16/78		WELL STATUS (Producing or shut-in) producing	
HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 10
GAS—MCF. 20		WATER—BBL. 180	
GAS-OIL RATIO 2000		OIL GRAVITY-API (CORR.) 39.0	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE →		OIL—BBL. 10	
GAS—MCF. 20		WATER—BBL. 180	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold			
35. LIST OF ATTACHMENTS Logs previously forwarded.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Robert A. Hensch</i>		TITLE <i>Adman. Mgr.</i>	
DATE 5-23-78			

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

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions. If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POHOUT'S ZONES:				38. GEOLOGIC MARKERS		
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORRELATION INTERVALS, AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				NAME	TOP	
FORMATION	TOP	BOTTOM	MEAS. DEPTH		TRUE WEST DEPTH	
TANSILL	2530	2695				
YATES	2695					
QUEEN	3385					