

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 *

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 <u>Was P & A'd well</u>
2. NAME OF OPERATOR Tenneco Oil Company							
3. ADDRESS OF OPERATOR 1360 Lincoln St., Suite 1200, Denver, Colorado 80295							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL and 1980' FEL At top prod. interval reported below At total depth Unit 0							
14. PERMIT NO.				DATE ISSUED			
15. DATE SPUDDED 7-28-77		16. DATE T.D. REACHED 7-30-77		17. DATE COMPL. (Ready to prod.) 8-26-77		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 2989.4' GL	
20. TOTAL DEPTH, MD & TVD new 4277' old 10650'		21. PLUG, BACK T.D., MD & TVD 3800'		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 3,360' - 3,534'						19. ELEV. CASINGHEAD 25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Compensated Neutron Log for cased hole						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	
13-3/8"	48#	422'	17-1/2"	450 sacks		None	
9-5/8"	36# & 40#	3842'	12-1/4"	1300 sacks		None	
29. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD		
none					SIZE 2-7/8"	DEPTH SET (MD) 3515'	PACKER SET (MD) None Set
31. PERFORATION RECORD (Interval, size and number) Leonard Queen South 1 JSPF from 3453' - 3490' 38 shots				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
				3453' - 3490'		acidized w/1000 gallons of 15% HCL	
						frac'd w/25000 lbs of 20/40 mesh sand	
33. PRODUCTION							
DATE FIRST PRODUCTION gas = 8-14-77 oil = 8-26-77		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 9-4-77	HOURS TESTED 24 Hours	CHOKE SIZE none	PROD'N. FOR TEST PERIOD →	OIL—BBL. 57	GAS—MCF. 42	WATER—BBL. 86	GAS-OIL RATIO 737
FLOW. TUBING PRESS. 25	CASING PRESSURE 25	CALCULATED 24-HOUR RATE →	OIL—BBL. 57	GAS—MCF. 42	WATER—BBL. 86	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.						TEST WITNESSED BY	
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>D. A. Myers</u>		TITLE <u>Division Production Manager</u>				DATE <u>9-9-77</u>	

*(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 POROUS ZONES:			38. GEOLOGIC MARKERS	
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				
FORMATION	TOP	BOTTOM	NAME	MEAS. DEPTH
				TRUE VERT. DEPTH
Rustler	995	1150	Anhydrite	
Salado	1150	2500	Salt	
Yates	2696	2900	Dolo., Sd.	
7 Rivers	2900	3360	Dolo., Sd.	
Queen	3360	3534	Dolo., Sd.	
Penrose	3534	3636	Dolo., Sd.	