

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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM7951	
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 <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Tenneco Oil Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 720 So. Colorado Blvd., Denver, Colorado 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' FSL and 1980' FWL, Unit K At top prod. interval reported below At total depth		9. WELL NO. 11	
11. PERMIT NO.		12. COUNTY OR PARISH Lea	
DATE ISSUED		13. STATE New Mexico	
15. DATE SPEC'D 10/26/77	16. DATE T.D. REACHED 11/3/77	17. DATE COMPL. (Ready to prod.) 11/15/77	18. ELEVATIONS (OF RES. RT. GR. ETC.)* 3003.5' GL
20. TOTAL DEPTH, MD & TVD 3812'	21. PLUG, BACK T.D., MD & TVD 3778'	22. IF MULTIPLE COMPL., HOW MANY*	19. ELEV. CASINGHEAD
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Leonard Queen South 3378' - 3508'			25. WAS DIRECTIONAL SURVEY MADE Yes
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual 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
8-5/8"	32#	513'	12-1/4"
5-1/2"	23#	3812'	7-7/8"
			CEMENTING RECORD
			500 sacks
			800 sacks
			AMOUNT PULLED
			None
			None
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
None			
			SCREEN (MD)
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 33 holes from 3509' - 3551'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
3509' - 3551'		Frac'd with 25,500 lbs. of 20/40 mesh sand.	
33. PRODUCTION			
DATE FIRST PRODUCTION 11/15/77	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 11/21/77	HOURS TESTED 24 hours	CHOKE SIZE	PROD'N. FOR TEST PERIOD
11/21/77	24 hours		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.
No tbq.	50		120
			GAS—MCF.
			158
			WATER—BBL.
			8
			GAS-OIL RATIO
			1317
			OIL GRAVITY-API (CORR.)
			37.3
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.			
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.L. Myers</u>		TITLE Div. Production Manager	
		DATE 11-30-77	

*(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 33.

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, tops, bottoms, 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: "Stocks 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 FORMER ZONES				38. GEOLOGIC MARKERS	
SHOW ALL INTERVALS OF POSITIVE AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL, TESTED, CEMENT USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES					
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH VERT. DEPTH
Queen (Main Pay)	3378	3426	Dolomitic, Sand, Oil, entire zone cored	Base/Salt	2435
Queen (Penrose)	3462	3508	Dolomitic, Sand, Oil, entire zone cored	Top/Anhydrite	952
				Top/Queen	3324