

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE*

(See other instructions on reverse)

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 _____				5. LEASE DESIGNATION AND SERIAL NO. NM 509 & 02517	
b. 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	
3. ADDRESS OF OPERATOR Box 1031, Midland, Texas 79701				8. FARM OR LEASE NAME Campbell Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980 FN&M, Section 7, T-9-S, R-36-E At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Undesignated	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 7, T-9-S, R-36-E				12. COUNTY OR PARISH Lea	
				13. STATE New Mexico	
15. DATE SPUDDED 8-14-69	16. DATE T.D. REACHED 9-12-69	17. DATE COMPL. (Ready to prod.) 9-16-69	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4109 GL, 4121 KB	19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 9975	21. PLUG, BACK T.D., MD & TVD 9918	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY → 10-9792	24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 9766 - 9792	
25. TYPE ELECTRIC AND OTHER LOGS RUN BHC-GR-Ca1.-LL				26. WAS DIRECTIONAL SURVEY MADE No	
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		353	17-1/2	375 sacks	
8-5/8		4100	11	1000 sacks	
5-1/2		9975	7-7/8	210 sacks	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) 13 holes w/1 - 1/2" jet shot @ 9766, 68, 70, 72, 74, 76, 78, 9782, 84, 86, 88, 90, 92			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED		
33.* PRODUCTION					
DATE FIRST PRODUCTION 9-20-60		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 9-20-69	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 367	GAS—MCF. 349
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 367	GAS—MCF. 349	WATER—BBL. 1052
					OIL GRAVITY-API (CORR.) 45
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)					TEST WITNESSED BY
35. LIST OF ATTACHMENTS See column 26					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>W. L. Hartman</i>			TITLE Production Clerk		DATE 9-22-69

*(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:

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	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
	MEAS. DEPTH	TRUE VERT. DEPTH			NAME	TOP
Cretaceous	Surface	8	8	Surface and caliche	Chimle	8
Chimle	450	450	450	Red Shale	Santa Rosa	450
Santa Rosa	1278	1278	1278	Red Sand and Shale	Rustler	2173
Dockum	2173	2173	2173	Red Shale	Salado	2258
Rustler	2258	2258	2258	Anhydrite	Tansill	2700
Salado	2700	2700	2700	Salt	Yates	2780
Tansill	2780	2780	2780	Anhydrite	Seven Rivers	2911
Yates	2911	2911	2911	Sand and anhydrite	Queen	3463
Seven Rivers	3463	3463	3463	Dolomite and anhydrite	Penrose	3624
Queen	3624	3624	3624	Sand and anhydrite	Grayburg	3773
Penrose	3773	3773	3773	Sand and anhydrite	San Andres	4098
Grayburg	4098	4098	4098	Dolomite, sand and anhydrite	Glorieta	5804
San Andres	5804	5804	5804	Dolomite	Paddock	6168
Glorieta	6168	6168	6168	Sand and anhydrite	Tubb	6936
Paddock	6936	6936	6936	Dolomite and anhydrite	Drinkard	7080
Tubb	7080	7080	7080	Sand and dolomite	Abo	7679
Drinkard	7679	7679	7679	Dolomite and anhydrite	Hueco	8903
Abo	8903	8903	8903	Shale and dolomite	Bough "C"	9765
Hueco	9763	9763	9763	Limestone, chert and shale		
Bough "C"	9798	9798	9798	Limestone, pay zone		