

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 ☐		5. LEASE DESIGNATION AND SERIAL NO. NM 01279 05	
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		8. FARM OR LEASE NAME Morton Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1980' FNL & 1980' FWL At top prod. interval reported below At total depth		9. WELL NO. 2	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 11-26-69		16. DATE T.D. REACHED 12-6-69	
17. DATE COMPL. (Ready to prod.) 2-1-70		18. ELEVATIONS (DF, RKB, RT, GR, ETC.) * GR 4140	
20. TOTAL DEPTH, MD & TVD 9915'		21. PLUG, BACK T.D., MD & TVD 9881	
22. IF MULTIPLE COMPL., HOW MANY *		23. INTERVALS DRILLED BY O-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD) * 9739-9742		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustilog & Laterolog		27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8"	48#	375'	17 1/2"
8 5/8"	32 & 24#	4100'	11"
5 1/2"	17#	9915'	7 7/8"
CEMENTING RECORD			
375 SX			
950 SX			
205 SX			
AMOUNT PULLED			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
SCREEN (MD)			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)		PACKER SET (MD)
31. PERFORATION RECORD (Interval, size and number) 15-1/2" 9739-42', 44, 46, 47, 49, 52, 54, 56, 58, 60, 62, 65, 68 & 9770'			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION			
DATE FIRST PRODUCTION 2-1-70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 2-1-70		HOURS TESTED 24	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL. 150	
		GAS—MCF. 177	
		WATER—BBL. 1000	
		OIL GRAVITY-API (CORR.) 1180	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Dwight Tipton	
35. LIST OF ATTACHMENTS Acoustilog & Laterolog			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>W. L. Hatfield</i>		TITLE Production Clerk	
		DATE 2-1-70	

*(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.)

Morton Federal No. 2

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		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Cretaceous	Surface	13	Surface sand and caliche	Chimle	13	25
Chimle	13	450	Red Shale	Santa Rosa	450	470
Santa Rosa	450	1257	Red Sand and shale	Rustler	2178	2215
Dockum	1257	2178	Red shale	Salado	2247	2285
Rustler	2178	2247	Anhydrite	Tansill	2692	2723
Salado	2247	2692	Salt	Yates	2770	2803
Tansill	2692	2770	Anhydrite	Seven Rivers	2897	2930
Yates	2770	2897	Sand and anhydrite	Queen	3445	3480
Seven Rivers	2897	3445	Dolomite and anhydrite	Penrose	3610	3643
Queen	3445	3610	Sand and anhydrite	Grayburg	3756	3790
Penrose	3610	3756	Sand and anhydrite	San Andres	4082	4120
Grayburg	3756	4082	Dolomite, sand and anhydrite	Glorieta	5809	5840
San Andres	4082	5809	Dolomite	Paddock	6148	6200
Glorieta	5809	6148	Sand and anhydrite	Tubb	6919	6975
Paddock	6148	6919	Dolomite and anhydrite	Drinkard	7055	7115
Tubb	6919	7055	Sand and dolomite	Abo	7657	7718
Drinkard	7055	7657	Dolomite and anhydrite	Hueco	8870	8935
Abo	7657	8870	Shale and dolomite	Bough "C"	9736	9835
Hueco	8870	9736	Limestone, chert and shale			
Bough "C"	9736	9915	Limestone, pay zone			