

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 ☐ GAS WELL ☐ DRY ☐ Other ☐		5. LEASE DESIGNATION AND SERIAL NO. USA NM 0104028-A	
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 McPherson, Kansas		8. FARM OR LEASE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FNL + 1980' FWL Sec 20 T-8-S R-38-E At top prod. interval reported below At total depth Same		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 4-17-70		16. DATE T.D. REACHED 5-11-70	
17. DATE COMPL. (Ready to prod.) 5-11-70		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4008.5 GR	
20. TOTAL DEPTH, MD & TVD 4950		21. PLUG, BACK T.D., MD & TVD 4812	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4757-4779		19. ELEV. CASINGHEAD	
26. TYPE ELECTRIC AND OTHER LOGS RUN Acoustic log, Schlumberger Gamma Ray, Laterolog, Micro Laterolog		25. WAS DIRECTIONAL SURVEY MADE yes	
27. WAS WELL CORED no		28. CASING RECORD (Report all strings set in well)	
29. LINER RECORD		30. TUBING RECORD	
31. PERFORATION RECORD (Interval, size and number) 12 JS PW 2' 4757-4779'		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4757-4779 AMOUNT AND KIND OF MATERIAL USED 500 gal 15% HCL NE	
33.* PRODUCTION		34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)	
DATE FIRST PRODUCTION 5-11-70		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 5-11-70		HOURS TESTED 24	
CHOKE SIZE 3/8		PROD'N. FOR TEST PERIOD 152	
OIL—BBL. 152		GAS—MCF. not measured	
WATER—BBL. 16		OIL GRAVITY-API (CORR.) 25	
35. LIST OF ATTACHMENTS As per summary 26		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED W. L. Hatfield		TITLE Production Clerk	
DATE May 11, 1970		TEST WITNESSED BY Jim McConick	

*(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.
chinle	surf	280	surface sand & caliche
Santa Rosa	280	605	red beds
Dewey Lake	605	2090	red sands and red shales
Rustler	2090	2335	red sand
Salado	2335	2357	anhydrite
Tansill	2357	2629	salt
Yates	2629	2703	anhydrite
Seven Rivers	2703	2817	gray sand and anhydrite
Queen	2817	3398	dolomite and anhydrite
Pennosc	3398	3520	red shale
Grayburg	3520	3615	red sand
Sau Audres	3615	3900	anhydrite and dolomite
Pi marker	3900	Y D	dolomite and anhydrite

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
chinle	280		
Santa Rosa	605		
Dewey Lake	2090		
Rustler	2335		
Salado	2357		
Tansill	2629		
Yates	2703		
Seven Rivers	2817		
Queen	3398		
Pennosc	3520		
Grayburg	3615		
Sau Audres	3900		
Pi marker	4468		
P1 Porosity Zone	4620		
P2 Porosity Zone	4744		
P3 Porosity Zone	4820		

RECEIVED

MAY 19 1970

CONSERVATION COMM.
HOBBS, N. M.