

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-16746	
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 720 S. Colo. Blvd., Denver, CO 80222				8. FARM OR LEASE NAME Horton	
4. LOCATION OF WELL (Report location clearly and in accordance with any lease requirements)* At surface 1770'FNL, 890'FEL Unit "M" At top prod. interval reported below At total depth				9. WELL NO. 1E	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28; T431N; R11W				12. COUNTY OR PARISH San Juan	
13. STATE New Mexico				19. ELEV. CASINGHEAD	
15. DATE SPUDDED 6/10/80	16. DATE T.D. REACHED 6/23/80	17. DATE COMPL. (Ready to prod.) 7/31/80	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6127'GR	20. TOTAL DEPTH, MD & TVD 7580	
21. PLUG, BACK T.D., MD & TVD			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)* 7322-7530' (Dakota)
25. TYPE ELECTRIC AND OTHER LOGS RUN Comp/FD Ind/Gamma Ray Perf. / DC				26. 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
9 5/8"		36#	258'	13 3/4"	250 sxs CL-B w/2% CACL2
7"		23#	3500'	8 3/4"	620 sxs 50/50 Pozmix
4 1/2"		11.6#	7579'	6 1/4"	150 sxs CL-B w/2% CACL2
					285 sxs BJ-Lite; 150 sxs CL-B
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	TUBING RECORD
4 1/2-10.5#	3321'	7579'	435		SIZE DEPTH SET (MD) PACKER SET (MD)
					2 3/8 7425
31. PERFORATION RECORD (Interval, size and number)					
7322-7338		7410-7418	7523-7530	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
7343-7347		7425-7429	(Dakota)	DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED	
7352-7357		7465-7469		7410-7530 1500 gal 15% HCL	
7362-7364		7476-7478		7322-7378 1500 Gal 15% HCL	
7371-7378		7495-7503		30# SL gel 48,000# 20/40 sd	
				35,000# 10/20 sd.	
33.* PRODUCTION					
DATE FIRST PRODUCTION 7/31/80		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) flowing gas			
DATE OF TEST 7/31/80	HOURS TESTED 3	CHOKE SIZE 3/4	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. AOF=1512
FLOW. TUBING PRESS. 98 PSI	CASING PRESSURE 448 PSI	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. Q=1512	WATER—BBL. →
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented					TEST WITNESSED BY
35. LIST OF ATTACHMENTS Electric logs forwarded by Welox & Schlumberger					ACCEPTED FOR RECORD
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					DATE 9/11/80
SIGNED <i>Carly Patterson</i>		Asst. Div. Admin. Manager		DATE 17 1980	
TITLE					

*(See Instructions and Spaces for Additional Data on Reverse Side)

FARMINGTON DISTRICT

BY

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			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Cliffhouse	4870	5000	sand	Greenhorn	7005	
Menefee	5020	5120	sand, shale			
Pt. Lookout	5220	5440	sand			
Gallup	6770	6940	sand, shale			
Graneros	7150	7270	sand			
Dakota	7270	TD	sand, shale, gas			