

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. SF 080245	
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Tenneco Oil Company						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P. O. Box 3249, Englewood, CO 80155						8. FARM OR LEASE NAME Hamner	
4. LOCATION OF WELL (Report location clearly and in accordance with and State requirements)* At surface 970' FSL 870 FWL "M" At top prod. interval reported below At total depth						9. WELL NO. 3E	
10. FIELD AND POOL, OR WILDCAT Chacra						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 29 Sec. 29, T29N R9W	
14. PERMIT NO. _____ DATE ISSUED _____						12. COUNTY OR PARISH San Juan	
						13. STATE New Mexico	
15. DATE SPUDDED 4/2/81	16. DATE T.D. REACHED 4/10/81	17. DATE COMPL. (Ready to prod.) 6/17/81	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5761' gr.		19. ELEV. CASINGHEAD -		
20. TOTAL DEPTH, MD & TVD 6659'	21. PLUG, BACK T.D., MD & TVD 6650'	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)* 3105-3234' Chacra						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CDL IND/GR						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	
9-5/8"	36#	283'	12-1/4"	250sx Class B w/2% CACL2			
7"	23#	2700'	8-3/4"	500sx 50/50 POZ; 150sx CL		B	
4-1/2"	10.5#	6658'	6-1/4"	360sx 65/35 POZ, 150sx CL		B	
29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	2527'	6658'	510 sx		1-1/4"	3100'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
3105-10' 38' 76 holes				DEPTH INTERVAL (MD)			
3127-34'				3105-3234'			
3208-34'				AMOUNT AND KIND OF MATERIAL USED			
				1600 gals 15% HCL 114-1.1 spec			
				grav balls. 75,000 gals 70% qual			
				foam, 80,000# 20/40 sand			
33.* PRODUCTION							
DATE FIRST PRODUCTION 5/27/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 6/16/81	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 124 PSI	CASING PRESSURE 420 PSI	CALCULATED 24-HOUR RATE →	OIL—BBL.	GAS—MCF. 1820	WATER—BBL.	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Electric logs forwarded by Gearhart Owens							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Casley</i>		TITLE Asst. Div. Adm. Mgr.		DATE JUL 2 1981		18	

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

NMOCC

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 TEST, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS	
				NAME	MEAS. DEPTH
Lewis	Csg. Shoe	3800'	NOT LOGGED ABOVE 2700'	Greenhorn	6112'
Chacra	3105'	3234	Shale		
Cliffhouse	3800'	3905'	Gas		
Menefee	3905'	4310'	Sand, gas		
Point Lookout	4310'	4427'	Gas, sand, shale		
Mancos	4427'	5588'	Gas, sand		
Gallup	5588'	6122'	Shale		
Graneros	6122'	6480'	Water		
Dakota	6480'	TD	Shale		
			GAS		