

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-078414											
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐				6. IF INDIAN, ALLOTTEE OR TRIBE NAME UNIT AGREEMENT NAME											
2. NAME OF OPERATOR Tenneco Oil Company				7. FARM OR LEASE NAME Day											
3. ADDRESS OF OPERATOR Box 3249, Englewood, CO 80155				9. WELL NO. 5E											
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal requirements) At surface 790' FNL, 790' FEL At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Basin Dakota											
14. PERMIT NO. U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 18, T29N, R8W											
15. DATE SPUDDED 1/16/83		16. DATE T.D. REACHED 1/24/83		17. DATE COMPL. (Ready to prod.) 2/23/83		18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6425' KB		19. ELEV. CASINGHEAD 6413' GR							
20. TOTAL DEPTH, MD & TVD 7585' KB		21. PLUG, BACK T.D., MD & TVD 7579' KB		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD		CABLE TOOLS -							
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7343' - 7558' KB, Dakota								25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN CBL, DIFL, CDL/GR								27. WAS WELL CORED No							
29. 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#		327' KB		12-1/4"		265 CF C1-B + 1/4#/sx flocele + 2% CaCl ₂							
7"		23#		3600' KB		8-3/4"		1st: 236 CF C1-B neat w/ 2% CaCl ₂							
								2nd: 368 CF 65:35 w/6% gel, 10# salt/sx. + 1/4#/sx flocele + 2% CaCl ₂ . 59 CF C1-B							
DV @ 2181'		KB													
29. LINER RECORD										30. TUBING RECORD + 2% CaCl ₂					
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
4-1/2"		3416' KB		7585' KB		(See Reverse)				2-1/16"		7476' KB			
31. PERFORATION RECORD (Interval, size and number) 7343-48' KB, 7352-64' KB, 7339-46' KB, 7550-58' KB All 2 JSPF Total 32' - 64 holes										32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
										DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
										7343-7558' KB		1300 gal 15% wtd HCL, 96 1.1 SG ball slrs; 70,000 gal 30# X-L gel + 143,000# 20/40 sd.			
33.* PRODUCTION															
DATE FIRST PRODUCTION 2/5/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing						WELL STATUS (Producing or shut-in) Shut-In							
DATE OF TEST 2/23/83		HOURS TESTED 3		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →		OIL—BBL. -		GAS—MCF. 200		WATER—BBL. -		GAS-OIL RATIO -	
FLOW. TUBING PRESS. 106 psi		CASING PRESSURE 678 psi		CALCULATED 24-HOUR RATE →		OIL—BBL. -		GAS—MCF. 1607 MCFPD		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 Logs forwarded by Dresser Atlas and Gearhart															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records										ACCEPTED FOR RECORD					
SIGNED Ken Russell		TITLE Sr. Production Analyst						DATE February 25, 1983							

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

NMOCC

FARMINGTON DISTRICT

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.)

4-1/2" Liner Cementing Detail: 590 CF 65:35 + 6% gel + 1/4#/sx flocele + .6% D-60. Tail w/177 CF C1-B.

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	TOP
					MEAS. DEPTH TRUE VERT. DEPTH
Ojo Alamo	2015'	2130'	Sandstone & siltstone		
Kirtland	2130'	2650'	Shale w/interbedded siltstone		
Fruitland	2650'	3045'	Interlayered shale and siltstone w/coal	beds near the base	
Pict. Cliffs	3045'	3110'	Sandstone		
Lewis	3110'	4650'	Shale		
Cliffhouse	4650'	4750'	Sandstone w/interlayered siltstone		
Menefee	4750'	5245'	Interbedded siltstone & shale		
Pt. Lookout	5245'	5515'	Sandstone grading into siltstone & shale		
Mancos	5515'	6490'	Shale		
Gallup	6490'	7240'	Shale w/interbedded siltstone; fractured	Greenhorn	7240'
Graneros	7300'	7340'	Shale		
Dakota	7340'	TD	Sandstone interbedded w/siltstone & shale		
NOTE: All depths expressed in terms of KB.					