

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. SF-078049	
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 3249, Englewood, CO 80155				8. FARM OR LEASE NAME Hughes A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1540' FSL, 1560' FEL At top prod. interval reported below At total depth				9. WELL NO. 5E	
14. PERMIT NO. _____ DATE ISSUED _____				12. COUNTY OR PARISH San Juan	
15. DATE SPUDDED 12/21/82 16. DATE T.D. REACHED 12/30/82 17. DATE COMPL. (Ready to prod.) 2/3/83				13. STATE NM	
18. ELEVATIONS (DF, REB, BT, GR, ETC.)* 6524' KB				19. ELEV. CASINGHEAD 6512' GR	
20. TOTAL DEPTH, MD & TVD 7590' KB		21. PLUG, BACK T.D., MD & TVD 7510' KB		22. IF MULTIPLE COMPL. HOW MANY* _____	
23. INTERVALS ROLLED BY _____				24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND T.D.) 7301-7404' KB Dakota	
25. WAS DIRECTIONAL SURVEY MADE No				26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, CDL	
27. WAS WELL CORED No				OIL CON. DIV. DIST. 3	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)	
9-5/8"		36#		315' KB	
7"		23#		3706' KB	
DV @ 2223' KB					
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		354 CF C1-B + 2% CaCl ₂ +		1/4#/sx D-29	
8-3/4"		1st: 218 CF C1-B + 2% CaCl ₂ +		1/4#/sx	
		flocele; 2nd: 439 CF C1-B +		65:35 + 1/4 C	
		/sx Perlite + 2% CaCl ₂ +		118 CF C1-B *	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
4-1/2"		3548' KB		7590' KB	
SACKS CEMENT*		SCREEN (MD)			
(See reverse)					
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		7400' KB			
31. PERFORATION RECORD (Interval, size and number) 7301-14' KB 2 JSPF 7323-26' KB (24', 48 holes) 7389-93' KB 7400-04' KB					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7301-7404' KB		1000 gal 15% wtd HCL, 78 1.1 SG ball slrs, 70,000 gal 30# XL ge 154,000# 20/40 sd			
33.* PRODUCTION					
DATE FIRST PRODUCTION 1/19/83		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 2/3/83		HOURS TESTED 3		CHOKE SIZE 3/4"	
PROD'N. FOR TEST PERIOD →		OIL—BBL. -		GAS—MCF. 284	
WATER—BBL. -		GAS-OIL RATIO -			
FLOW. TUBING PRESS. 154 psi		CASING PRESSURE 668 psi		CALCULATED 24-HOUR RATE →	
OIL—BBL. -		GAS—MCF. 2273		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					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>Denise Wilson</i>		TITLE Production Analyst		DATE February 4, 1983	

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

* + 2% CaCl₂ + 1/4#/sx flocele

NMCC

FARMINGDALE FIELD

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: 404 CF 65:35 POZ + 6% gel + .4% Halad-9; 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	MEAS. DEPTH TOP TRUE VERT. DEPTH
Ojo Alamo	2050'	2175'	Sandstone, siltstone	beds near the base	
Kirtland	2175'	2600'	Shale w/interbedded siltstone		
Fruitland	2600'	3040'	Interlayered shale and siltstone w/coa		
Pict. Cliffs	3040'	3110'	Sandstone		
Lewis	3110'	4680'	Shale		
Cliffhouse	4680'	4786'	Sandstone w/interlayered siltstone		
Menefee	4786'	5250'	Interbedded siltstone and shale		
Pt. Lookout	5250'	5450'	Sandstone grading into siltstone and shale @ base		
Mancos	5450'	6464'	Shale		
Gallup	6464'	7196'	Shale w/interbedded siltstone; fractured		7196'
Graneros	7252'	7294'	Shale	Greenhorn	
Dakota	7294'	TD	Sandstone interbedded w/siltstone and shale		

NOTE: All depths expressed in terms of KB.