

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-077107	
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 Michener	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' FNL, 1670' FEL At top prod. interval reported below 1820' At total depth				9. WELL NO. 2E	
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota	
15. DATE SPUNDED 6/23/82				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 33, T28N, R9W	
16. DATE T.D. REACHED 7/1/82				12. COUNTY OR PARISH San Juan	
17. DATE COMPL. (Ready to prod.) 9/13/82				13. STATE NM	
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6847' KB				19. ELEV. CASINGHEAD 6835' GR	
20. TOTAL DEPTH, MD & TVD 7535' KB		21. PLUG, BACK T.D., MD & TVD 7530' KB		22. IF MULTIPLE COMPL., HOW MANY* -	
23. INTERESTED PARTIES TOOLS DRILLING TOOLS TD -				24. WAS DIRECTIONAL SURVEY MADE No	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 7325-7498' KB Dakota				25. WAS WELL CORED No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DCL, 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)	
9-5/8"		36#		375' KB	
7"		23#		3550' KB	
DV @ 2122' KB					
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12-1/4"		300 CF C1-B + 2% CaCl ₂ + 1/4#/sx floccle			
8-3/4"		1st: 222 CF C1-B + 2% CaCl ₂			
		2nd: 206 CF C1-B + 2% D-79 + 1/4#/sx D-29			
		+ 2% CaCl ₂ , tailed w/177 CF C1-B + 2% CaCl ₂			
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
4-1/2"		3386' KB		7536' KB	
				723 CF C1-B*	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
2-3/8"		7432' KB			
31. PERFORATION RECORD (Interval, size and number)					
7325-27' KB) 2 JSPF					
7348-52' KB) (28', 56 holes)					
7386-7406' KB) 7468-74' KB					
7452-54' KB) 7490-98' KB					
4 JSPF (14', 56 holes)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
7325-7498' KB,		200 gal. 15% wtd HCL, 178 1.1 ball			
		slrs, 46,000 gal 30# X-L gel,			
		82,500# 20/40 SD			
		See reverse for cement squeeze details			
33. PRODUCTION					
DATE FIRST PRODUCTION 8/24/82		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing			WELL STATUS (Producing or shut-in) Shut-In
DATE OF TEST 9/13/82		HOURS TESTED 3		CHOKE SIZE 3/4"	
FLOW. TUBING PRESS. 146 psi		CASING PRESSURE 432 psi		CALCULATED 24-HOUR RATE 2122	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold		TEST WITNESSED BY			

35. LIST OF ATTACHMENTS

Electric logs forwarded by Bluejet and Gearhart

36. I hereby certify that the foregoing and attached information is complete and correct as determined from

SIGNED

Denise Wilson

TITLE

Production Analyst

DATE September 16, 1982

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

NMOCC

BY E. E. Beck

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.)

Cement details for 4-1/2" liner: 546 CF C1-B + 2% D-79 + .4% D-13 + .6% D-112, tail w/177 CF C1-B
 Cement squeezes: 88.5 CF C1-B neat cement, 177 CF C1-B neat cement, 17.7 CF C1-B neat cmt, 11.8 CF C1-B cmt
 + 2% CaCl₂, 118 CF C1-B + 2% CaCl₂

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
Ojo Alamo	1830'	2065'	Sand, Water	Greenhorn	7206'	
Kirtland	2065'	2685'	Shale, Sand, Water			
Fruitland	2685'	2966'	Sand, Coal, Shale, Gas, Water			
Pictured Cliffs	2966'	3020'	Sand, Gas			
Lewis	3020'	4643'	Shale			
Cliffhouse	4643'	4664'	Sand, Gas			
Menefee	4664'	5282'	Sand, Coal, Shale, Gas, Water			
Pt. Lookout	5282'	5435'	Sand, Gas			
Mancos	5435'	6430'	Shale			
Gallup	6430'	7206'	Shale, Sand, Water, Gas, Oil			
Graneros	7268'	7312'	Sand, Shale			
Dakota	7312'	TD	Sand, Shale, Gas			
NOTE: All depths are expressed in terms of KB.						