

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Tenneco Oil Company						5. LEASE DESIGNATION AND SERIAL NO. SF-077085	
3. ADDRESS OF OPERATOR Box 3249, Englewood, CO 80155						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State law or regulation) At surface 990' FNL, 930' FWL "D" At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. FARM OR LEASE NAME Omber A	
15. DATE SPUDDED 1/7/81						9. WELL NO. 6E	
16. DATE T.D. REACHED 1/17/81						10. FIELD AND POOL, OR WILDCAT Basin Dakota/Bi. Chacra E-1	
17. DATE COMPL. (Ready to prod.) 3/12/81						11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA Section 36, T28N, R10W	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6856'						12. COUNTY OR PARISH San Juan	
19. ELEV. CASINGHEAD --						13. STATE New Mexico	
20. TOTAL DEPTH, MD & TVD 6524'		21. PLUG, BACK T.D., MD & TVD 6514'		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERESTS IN WELL, POOLS, CABLE TOOLS OIL CON. COM. DIST. 3	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 2995-2999' Chacra						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR CD/CN						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		270'		12-1/4"	
7"		23#		4760'		8-3/4"	
4-1/2"		10.5#		6523'		225sx Class B w/2% CACL ₂	
						1st: 150sx 65/35 POZ, 150sx CL-B	
						2nd: 545 sx 65/35 POZ	
						100sx 65/35 POZ, 150sx CL-B	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		4597'		6523'		250 sx	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
1-1/4"		2997'					
31. PERFORATION RECORD (Interval, size and number) 2995-2999' 4' 8 holes 2 JSPF				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED					
2995-2999'		500 gals weighted 15% HCL;					
		75,000 gals 75% qual. foam					
		80,000# 20/40 sand					
33.* PRODUCTION							
DATE FIRST PRODUCTION 3/12/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 3/12/81		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD OIL—BBL. 1628	
FLOW. TUBING PRESS. 105 PSI		CASING PRESSURE 535		CALCULATED 24-HOUR RATE OIL—BBL. 2051		WATER—BBL. OIL GRAVITY-API (CORR)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY	
35. LIST OF ATTACHMENTS Electric logs forwarded by Dresser Atlas						ACCEPTED FOR RECORD	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records						MAR 24 1981	
SIGNED <i>Curly Hatten</i> TITLE Asst. Div. Adm. Mgr.						DATE 3/13/81	

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

FARMINGTON DISTRICT
BY *RB*

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 23, 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	TOP	TRUB VERT. DEPTH
Ojo Alamo	860'	1020'	Water	Greenhorn	6185'		
Kirtland	1020'	1566'	Sand				
Fruitland	1566'	1893'	Sand				
Pictured Cliffs	1893'	1950'	Sand				
Lewis	1950'	2888'	Shale				
Chacra	2888'	3493'	Gas				
Cliffhouse	3493'	3552'	Sand				
Menefee	3552'	4201'	Water, sand, shale				
Pt. Lookout	4201'	4550'	Water, sand				
Mancos	4550'	5391'	Sand, shale				
Gallup	5391'	6185'	Sand				
Graneros	6255'	6306'	Shale				
Dakota	6306'	TD	Gas, sand				

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WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. SF-077085			
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 Omlier A			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL, 930' FWL "D" At top prod. interval reported below At total depth				9. WELL NO. 6E			
14. PERMIT NO. _____ DATE ISSUED _____				10. FIELD AND POOL, OR WILDCAT Basin Dakota, PL. Chacra			
15. DATE SPUDDED 1/7/81				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 36, T28N, R10W			
16. DATE T.D. REACHED 1/17/81				12. COUNTY OR PARISH San Juan			
17. DATE COMPL. (Ready to prod.) 3/12/81				13. STATE New Mexico			
18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 6856' gr.				19. ELEV. CASINGHEAD --			
20. TOTAL DEPTH, MD & TVD 6524'		21. PLUG, BACK T.D., MD & TVD 6514'		22. IF MULTIPLE COMPL. HOW MANY* 2		23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6309-6473' Dakota						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN IND/GR CD/CN						27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
9-5/8"		36#		270'		12-1/4"	
7"		23#		4760'		8-3/4"	
4-1/2"		10.5#		6523'		6-1/4"	
CEMENTING RECORD		AMOUNT PULLED					
225sx Class 23 CACL ₂		1st: 150 65/35 6020150 SX CL-B					
2nd: 545 65/35 6020150 SX CL-B		100sx 65/35 6020150 SX CL-B					
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		4597'		6523'		250 sx	
SCREEN (MD)		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
		2-3/8"		6310'		3330'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6309-11'				DEPTH INTERVAL (MD)			
6320-26' 39' 78 holes 2 JSPF				6309-6473'			
6373-96'				AMOUNT AND KIND OF MATERIAL USED			
6440-44'				1st: 450 gals 7 1/2% DI-HCL, 35 balls			
6470-73'				2nd: 800 gals 7 1/2% DI-HCL, 60 balls			
				3rd: 350 gals 7% DI-HCL, 24 balls			
				93,000 gals 75% qual. foam.			
33.* PRODUCTION				100,000# 20/40 sand			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/12/81		Flowing				Shut-in	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
3/12/81		3 hrs.		3/4"		2747	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
184 PSI		--		2849		GAS—MCF.	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)				TEST WITNESSED BY			
Sold				ACCEPTED FOR RECORD			
35. LIST OF ATTACHMENTS				Electric logs forwarded by Dresser Atlas.			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.				MAR 24 1981			
SIGNED		TITLE		DATE		FARMINGTON DISTRICT	
C. W. Hatten		Asst. Div. Adm. Mgr.		3/13/81		RB	

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FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
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Fruitland	1566'	1893'	Sand			
Pictured Cliffs	1893'	1950'	Sand			
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Gallup	5391'	6185'	Sand			
Graneros	6255'	6306'	Shale			
Dakota	6306'	TD	Gas, sand			