

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

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 940' FSL, 1750' FEL "O"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR
PARISH
San Juan13. STATE
New Mexico

15. DATE SPUDDED 11/3/80 16. DATE T.D. REACHED 11/4/80 17. DATE COMPL. (Ready to prod.) 1/5/81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5809' gr. 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 6578' 21. PLUG, BACK T.D., MD & TVD 6549' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY -- 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 3040-3058' Chacra 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Ind/Gamma Ray, CD/CNL, CB/VDL, GRCL

CASING RECORD (Report all strings set in well)				CEMENTING RECORD		AMOUNT PULLED
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE			
9-5/8"	36#	275'	12-1/4"	200 sx CL-B w/2% CHACRA		
7"	23#	4727'	8-3/4"	1st stg: 125 sx Howco Lite 150 sx CL-B		
				2nd stg: 575 sx Howco Lite 150 sx CL-B		
4-1/2"	10.5#	6575'	6-1/4"	80 sx Lite, 150 sx CL-B		

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
4-1/2"	4570'	6575'	230 SX		1-1/4"	3055'

31. PERFORATION RECORD (Interval, size and number)

3040-48' 14' 28 holes
3052-58' (2 JSPF)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3040-3058'	600 bals 15% HCL 80,026 gals. 70% quality foam 80,000# 20/40 sand

33.*

PRODUCTION

DATE FIRST PRODUCTION

1/5/81

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)

Flowing

WELL STATUS (Producing or shut-in)

Shut-In

DATE OF TEST 1/5/81 HOURS TESTED 3 hrs. CHOKE SIZE 1/2" PROD'N. FOR TEST PERIOD -- OIL—BBL. GAS—MCF. Q= 2780 WATER—BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. 187 PSI CASING PRESSURE 562 PSI CALCULATED 24-HOUR RATE -- OIL—BBL. GAS—MCF. AOF= 3618 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 to be forwarded by Schlumberger, Gearhart-Owen, Blue Jet.

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

SIGNED

TITLE Asst. Div. Adm. Mgr.

DATE 1/12/81

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

FALLMONT DISTRICT

BY

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 THEREON; 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	500'	710'	Sand, shale	Greenhorn	5445'		
Kurtland	710'	930'	Sand, shale				
Fruitland	930'	1044'	Sand, shale, coal				
Pictured Cliffs	1689'	2030'	Sand				
Chacra	2030'	3504'	Shale, gas				
Cliffhouse	3504'	3926'	Sand				
Menefee	3926'	4247'	Sand, shale				
Point Lookout	4247'	4253'	Sand				
Upper Mancos	4353'	4688'	Shale				
Lower Mancos	4688'	5446'	Shale, sand				
Graneros	5901'	6203'	Shale				
Dakota	6203'	TD	Sand, gas				

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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

3. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 940' FSL, 1750' FEL "O"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

SF-077085

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Omber A

9. WELL NO.

4-E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Section 25, T28N, R10W

12. COUNTY OR
PARISH

San Juan

13. STATE

New Mexico

15. DATE SPUDDED 11/3/80 16. DATE T.D. REACHED 11/4/80 17. DATE COMPL. (Ready to prod.) 1/5/81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5809' gr. 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 6578' 21. PLUG BACK T.D., MD & TVD 6549' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY 0'-TD ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Dakota 6352-6542' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Ind/Gamma Ray CD/CNL CB/VDL GR/CL

27. WAS WELL CORED No

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#	275'	12-1/4"	200 sx CL-B w/2% CACL ₂	
7"	23#	4727'	8-3/4"	1st stg: 125 sx Howco Lite 150 sx CL-B	
				2nd stg: 575 sx Howco Lite	
4-1/2"	10.5#	6575'	6-1/4"	80 sx Lite 150 sx CL-B	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4570'	6575'	230 SX		2-3/8"	6375'	

31. PERFORATION RECORD (Interval, size and number)

6352-56'	6520-26'	50'	100 holes
6360-70'	6540-42'	(2 JSPF)	
6416-40'			
6480-86'			
6504-06'			

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6352-6542'	500 gals 15% DI HCK, 2000 gals 15% HCL & 150 balls. 56,000 gals 75% quality N ₂ Foam, 82,000# 20/40 sand

33.* PRODUCTION

33.*						WELL STATUS (Producing or shut-in)	
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				Shut-In	
1/5/81		Flowing					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
1/5/81	3 hrs.	1/2"	→		Q=2059		
FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
140 PSI		→		AOF= 2096			
						TEST WITNESSED BY	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

35. LIST OF ATTACHMENTS

Electric logs to be forwarded by Schlumberger, Gearhart-Owen, and Bluejet.

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

SIGNED Carley Statten TITLE Asst.Div.Adm.Mgr.ACCEPTED FOR RECORD
DATE 1/12/81

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

NMOCC

JAN 27 1981

FARMINGTON DISTRICT

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Upper Mancos	4353'	4688'	Shale			
Lower Mancos	4688'	5446'	Shale, sand			
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Dakota	6203'	TD	Sand, gas			