

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

Box 3249, Englewood, CO 80155

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

At surface 1750' FNL, 890' FWL "E"

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

Omlier A

9. WELL NO.

5E

10. FIELD AND POOL, OR WILDCAT

Bl. Chacra

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

Sec. 25, T28N, R10W

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

15. DATE SPURRED 1/17/81 16. DATE T.D. REACHED 1/27/81 17. DATE COMPL. (Ready to prod.) 3/25/81 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5802' gr. 19. ELEV. CASINGHEAD -

20. TOTAL DEPTH, MD & TVD 6465' 21. PLUG, BACK T.D., MD & TVD 6444' 22. IF MULTIPLE COMPL., HOW MANY* 2 23. INTERVALS DRILLED BY ROTARY TOOLS 0'-TD CABLE TOOLS -

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

2870-2981' Chacra

No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CDCN IND/G.R.27. WAS WELL CORED
No

25.

CASING RECORD (Report all strings set in well)

ON. COM

DISPATCHING RECORD

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	DISPATCHING RECORD	AMOUNT PULLED
9-5/8"	36#	301'	12-1/4"	200sx Class B w/ 2% CACL ₂	
7"	23#	4699'	8-3/4"	1st: 150sx Lite, 150sx C1	B
				2nd: 480sx Lite, 550sx C1	B
4-1/2"	10.5#	6464'	6-1/4"	122sx 65/35 POZ, 6% gel, 150 CL B	

LINER RECORD					TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					1-1/4"	2870'	

31. PERFORATION RECORD (Interval, size and number)
2870-72' 14' 28 holes
2966-73'
2976-81' 2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2870-2981'	600 gals 15% HCL 42 - 1.1 spec grav ball sealers. 80,000 gals 75% qual foam, 2% KCL water, 80,000# 20/40 sand

PRODUCTION							
33.* DATE FIRST PRODUCTION 3/25/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 3/25/81	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD	OIL—BBL. 2473	GAS—MCF. 3286	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS. 166 PSI	CASING PRESSURE 534 PSI	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

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

TEST WITNESSED BY

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 data.

SIGNED

TITLE Asst. Div. Adm. Manager

DATE 3/26/81

FARMINGTON DISTRICT

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

BY

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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:			38. GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
OJO Alamo	820'	970'	Sand	Greenhorn	6137'	
Kirtland	970'	1556'	Sand			
Fruitland	1556'	1881'	Sand			
Pictured Cliffs	1881'	1941'	Sand			
Lewis	1941'	2868'	Shale			
Chacra	2868'	3475'	Gas			
Cliffhouse	3475'	3540'	Sand, water			
Menefee	3540'	4177'	Sand, shale			
Point Lookout	4177'	4540'	Sand, water			
Mancos	4540'	5365'	Sand, shale			
Gallup	5365'	6137'	Sand, water			
Graneros	6202'	6256'	Shale			
Dakota	6256'	TD	Gas			

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reverse side)Form approved,
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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						7. UNIT AGREEMENT NAME	
Tenneco Oil Company						8. FARM OR LEASE NAME	
3. ADDRESS OF OPERATOR						9. WELL NO.	
P. O. Box 3249, Englewood, CO 80155						10. FIELD AND POOL, OR WILDCAT	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA	
At surface 1750' FNL, 890' FWL "E"						Sec. 25. T28N, R10W	
At top prod. interval reported below						12. COUNTY OR PARISH	
At total depth						San Juan	
14. PERMIT NO.						13. STATE	
DATE ISSUED						New Mexico	
15. DATE SPURRED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATION OF WELL HEAD, RT, GR, ETC.)*	
1/17/81		1/27/81		3/25/81		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL. HOW MANY*		23. ROTARY TOOLS	
6465'		6444'		2		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)						25. WAS DIRECTIONAL SURVEY MADE	
6268-6416' Dakota						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
CDCN IND/G.R.						No	

28. 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#	301'	12-1/4"	200sx Class B w/2% CACL ₂		
7"	23#	4699'	8-3/4"	1st: 150sx Lite, 150sx Cl. B		
				2nd: 480sx Lite, 550sx Cl. B		
4-1/2"	10.5#	6464'	6-1/4"	122sx 65/35 POZ, 6% gel, 150 Cl.B		
29. LINER RECORD						
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-3/8"	6298'
						3077'
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
6268-75' 36' 72 holes				DEPTH INTERVAL (MD)		
6323-38'				6268-6416'		
6385-96' 2 JSPF				AMOUNT AND KIND OF MATERIAL USED		
6413-16'				1500 gals 15% HCL 108 - 1.1 spec		
				grav. sealers; 87,000 gals 75% qual. foam, 75,000# 20/40 sand		

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
3/25/81		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
3/25/81	3 hrs.	3/4'	→		1444		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
95 PSI	920 PSI	→		1455			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
Sold							

35. LIST OF ATTACHMENTS		36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.	
Electric logs forwarded by Dresser Atlas		U. S. GEOLOGICAL SURVEY	
SIGNED	TITLE	DATE	
Carley Hatten	Asst. Div. Adm. Manager	3/26/81	
		FARMINGTON DISTRICT	

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

BY

NMOC

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Item 29: "Seals (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	TRUE VERT. DEPTH
OJO Alamo	820'	970'	Sand	Greenhorn	6137'	
Kirtland	970'	1556'	Sand			
Fruitland	1556'	1881'	Sand			
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Point Lookout	4177'	4540'	Sand, water			
Mancos	4540'	5365'	Sand, shale			
Gallup	5365'	6137'	Sand, water			
Graneros	6202'	6256'	Shale			
Dakota	6256'	TD	Gas			