

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved
Budget Bureau N. 42-R357.6.

9. LEASE DESIGNATION AND SERIAL NO.

SF-077085

10. IF INDIAN, ALLOTTEE OR TRIBE NAME

11. LEASE AGREEMENT NAME

12. NAME OF LEASEE NAME

Omler A

13. WELL NO.

3E

14. FIELD AND TOWN OR VILLAGE

Basin Dakota/Bl. Chacra

15. SECTION, TOWNSHIP AND RANGE

Section 26, T28N, R10W

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 ☐ PLUG BACK ☐ REPAIR ☐ OTHER _____

1. NAME OF OPERATOR

Tenneco Oil Company

2. ADDRESS OF OPERATOR

P.O. Box 3249, Englewood, CO 80155

3. DEPTH OF WELL (Report to depth of well and to completion depth only (state requirements))

At surface 810' FSL, 1810' FEL "0"

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

San Juan

13. STATE

New Mexico

16. DATE OF TEST

17. DATE OF RECORD

18. DATE OF WELL (FEL) (FSL)

19. ELEVATION OF GROUND SURFACE (FEL)

20. ELEVATION OF WELL (FEL)

12/26/80

1/6/81

3/3/81

5811' gr.

21. TOTAL DEPTH, MD A TVD

6435'

22. PLUG BACK TVD, MD A TVD

6423'

23. IF MULTIPLE COMPLETIONS, HOW MANY?

2

24. INTERVALS OF DEPTH

25. INTERVALS OF DEPTH

26. INTERVALS OF DEPTH

27. PRODUCTION INTERVALS (If this completion is for production, name (TVD and TVD) *

2948-2974' Chacra

No

28. TYPE OF CEMENT AND OTHER LOG RUN

CD/CN IND/GR POC

29. WAS WELL CURED

No

29. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING EFFORT	AMOUNT PULLED
9-5/8"	38#	292'	12-1/4"	200 sx CE-B	
7"	23#	4772'	8-3/4"	1st: 154sx 65/35 POC, 6% gel, 150sx B	
				2nd: 150sx 65/35 POC, 6% gel, 50 sx B	
4-1/2"	10.5#	6435'	6-1/4"	110sx 65/35 6% gel, 150sx CL-B nt	

30. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	HTS	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	4672'	6435'	260 sx		1-1/4"	2941'	

31. PERFORATION RECORD (Interval, size and number)

2948-52'

2970-74'

8'

16 holes

2 JSPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
2948-2974'	500 gals 15% HCL (weighted), 24 balls 77,000 gals 70% qual. foam 80,000# 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)	
3/3/81		Flowing					Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD. TEST PERIOD	OIL--BBL.	GAS--MCF.	WATER--BBL.	GAS-OIL RATIO	
3/3/81	3 hrs.	3/4"	————→		1622			
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL--BBL.	GAS--MCF.	WATER--BBL.	OIL GRAVITY-API (CORR.)		
106 PSI	316 PSI	————→		1798				

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

To be sold.

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs forwarded by Dresser Atlas and Schlumberger.

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 3/5/81

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

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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						7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, CO 80155						8. FARM OR LEASE NAME Omler A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 810' FSL, 1810' FEL "M" At top prod. interval reported below At total depth						9. WELL NO. 3E	
14. PERMIT NO.						12. COUNTY OR PARISH San Juan	
DATE ISSUED						13. STATE New Mexico	
15. DATE SPUNDED 12/26/80	16. DATE T.D. REACHED 1/6/81	17. DATE COMPL. (Ready to prod.) 3/3/81		18. ELEVATIONS (DF, R&B, RT, GB, ETC.)* 5811'		19. ELEV. CASINGHEAD --	
20. TOTAL DEPTH, MD & TVD 6435'		21. PLUG, BACK T.D., MD & TVD 6423'		22. IF MULTIPLE COMPL., HOW MANY* 2		23. INTERVALS DRILLED BY 0'-TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6258-6386' Dakota						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CD/CN IND/GR PDC						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#		292'		12-1/4"	
7"		23#		4772'		8-3/4"	
4-1/2"		10.5#		6435'		6-1/4"	
CEMENTING RECORD		AMOUNT PULLED					
200 sx CL-B							
1st: 154sx 65/35 POZ 6% gel,							
150sx CL-B, 2nd: 150sx 65/35, 50 sx B							
110 sx 65/35 6% gel 150 sx CL-B							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
4-1/2"		4622'		6435'		260 sx	
SCREEN (MD)		30. TUBING RECORD					
		SIZE		DEPTH SET (MD)		PACKER SET (MD)	
		2-3/8"		6260'		3185'	
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
6258-64' 6316-36' 30' 60 holes 2 JSPF 6382-86'				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				6258-6386' 1200 gals 15% HCl 90 balls			
				44,000 gals 75% dual, foam 1%			
				HCL wtr. 100,000# 20/40 sand			
33. PRODUCTION							
DATE FIRST PRODUCTION 3/3/81		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 3/3/81		HOURS TESTED 3 hrs.		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD	
						OIL—BBL. 2369	
						GAS—MCF. 2430	
						WATER—BBL.	
						OIL GRAVITY-API (CORR.)	
FLOW. TUBING PRESS. 162 PSI		CASING PRESSURE 0-PSI		CALCULATED 24-HOUR RATE			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) To be sold.							
35. LIST OF ATTACHMENTS Electric logs forwarded by Dresser Atlas and Schlumberger.							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED <i>Carolyn H. Haffner</i>				DATE 3/5/81			
Asst. Div. Adm. Mgr.							

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

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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: 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	900'	1835'	Sand	Greenhorn	6104'	
Pictured Cliffs	1835'	1937'	Sand, water			
Lewis	1937'	2948'	Shale			
Chacra	2948'	2983'	Gas			
Cliffhouse	3448'	3616'	Sand, water			
Menefee	3616'	4183'	Sand, shale, water			
Pt. Lookout	4183'	4500'	Sand, water			
Mancos	4500'	5396'	Sand, shale			
Gallup	5396'	6104'	Sand			
Graneros	6198'	6243'	Shale			
Dakota	6243'	6480'	Gas, sand			