

**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.

5. LEASE DESIGNATION AND SERIAL NO.

SF-076934

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Mansfield Com

9. WELL NO.

4E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 30, T30N, R9W

12. COUNTY OR PARISH

San Juan

13. STATE

NM

**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 \_\_\_\_\_

**RECEIVED**  
MAY 14 1984

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P.O. Box 3249, Englewood, CO 80155

**OIL CON. DIV.  
DIST. 3**

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

At surface 1690' FNL, 1730' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

30-045-25842-3 3/8/84

15. DATE SPUNDED

3/8/84

16. DATE T.D. REACHED

3/14/84

17. DATE COMPL. (Ready to prod.)

4/6/84

18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\*

6153' KB

19. ELEV. CASINGHEAD

6141' GR

20. TOTAL DEPTH, MD & TVD

7403' KB

21. PLUG. BACK T.D., MD & TVD

7351' KB

22. IF MULTIPLE COMPL., HOW MANY\*

23. INTERVALS DRILLED BY

ROTARY TOOLS

Q-TD

CABLE TOOLS

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

7121'-7276 KB Dakota

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

GR-DIL, GR-CDL-Caliper

27. WAS WELL CORED

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#	288' KB	12-1/4"	200sx, 236cf, B+1/4#/sx Celloflakes+2% CaCl <sub>2</sub> 1st stage: 200sx, 236cf B+1/4#/sx Celloflakes + 2% CaCl <sub>2</sub> , 2nd stage: 220sx, 404cf Lite+1/4#/sx Celloflakes+2% CaCl <sub>2</sub> , Tail 50sx 59cf B+2%*	
7"	23#	3312' KB	8-3/4"		

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	3120' KB	7403' kb	See Reverse		2-3/8"	7237' KB	---

31. PERFORATION RECORD (Interval, size and number)

7121'-28' 1 JSPF 34' 34 holes  
7214'-34'  
7269'-76'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7121'-7276' KB	Acidize w/700 gal 15% wgt HCL Frac w/120,000 gal 30# Y-L gel & 178,000 20/40 sd.

33.\* PRODUCTION

DATE FIRST PRODUCTION 4/6/84		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut-in	
DATE OF TEST 4/26/84	HOURS TESTED 3 hrs.	CHOKE SIZE 3/4"	PROD'N. FOR TEST PERIOD →	OIL—BBL. →	GAS—MCF. 195	WATER—BBL. →	GAS-OIL RATIO →
FLOW. TUBING PRESS. 104	CASING PRESSURE 456	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. 1557	WATER—BBL. →	OIL GRAVITY-API (CORR.) →	

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

To be sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Log to be Forwarded by Gearhart

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

SIGNED Scott M. Kinnear TITLE Senior Regulatory Analyst DATE 5/1/84

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

\* CaCl<sub>2</sub>.

ACCEPTED FOR RECORDS  
MAY 11 1984

REGISTRATION RESOURCE ARCH  
RV 300

# 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.)

4-1/2 Liner cementing detail: 335 sx 616 cf Lite + 1/4#/sx Celloflakes + .6% D-60, Tail 150 sx 159 cf B + 1/4#/sx Celloflake + .6% D-60

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.
Ojo-Alamo	1560'	1660'	Sandstone & Siltstone Shale w/interbedded siltstone Shale w/siltstone w/coal beds Sandstone Shale Shale, Gas Sandstone w/interlayered siltstone Siltstone & Shale Sandstone & Siltstone Shale Shale w/siltstone Fracture Shale Sandstone, Shale, Siltstone w/gas
Kirkland	1660'	2470'	
Fruitland	2470'	2770'	
Pictured Cliffs	2770'	2850'	
Lewis	2850'	3570'	
Chacra	3570'	4384'	
Cliffhouse	4384'	4490'	
Menefee	4490'	5000'	
Point Lookout	5000'	5175'	
Mancos	5175'	6275'	
Gallup	6275'	7014'	
Graneros	7070'	7116'	
Dakota	7116'	TD	
			NAME
			MEAS. DEPTH
			TRUE VERT. DEPTH