

**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.

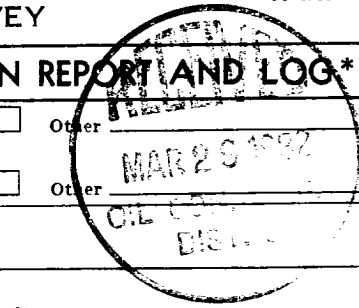
**WELL COMPLETION OR RECOMPLETION REPORT AND LOG\***

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



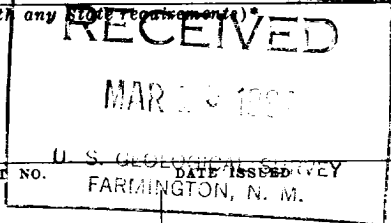
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)  
At surface 810' FSL 790' FEL,  
At top prod. interval reported below  
At total depth

10. FIELD AND POOL, OR WILDCAT  
Basin Dakota

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 20, T30N R10W

12. COUNTY OR PARISH  
San Juan

13. STATE  
NM



14. PERMIT NO. DATE ISSUED BY  
FARMINGTON, N. M.

15. DATE SPUNDED 12-21-81

16. DATE T.D. REACHED 1-3-82

17. DATE COMPL. (Ready to prod.) 2-24-82

18. ELEVATIONS (DF, REB, RT, GR, ETC.)\* 6226' gr. 6238' KB 6226' gr.

19. ELEV. CASINGHEAD 6226' gr.

20. TOTAL DEPTH, MD & TVD 7366' KB

21. PLUG, BACK T.D., MD & TVD 7287' KB

22. IF MULTIPLE COMPL., HOW MANY\* →

23. INTERVALS DRILLED BY ROTARY TOOLS 0' - TD

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
7121' - 7222' KB Dakota

25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction, CPDL

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#	281' KB	12-1/4"	263sx Cl-B + 2% cc & 1/4#	flocele
7"	23#	4944' KB	8-3/4"	120sx econo; 150sx Cl-B; additives; 150sx Cl-B, 1/4#sx celoflake.	325sx Cl-B +
4-1/2"	11.6#, 10.5#	7366' KB	6-1/4"	132sx Cl-B, 2% D-79 + additives	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
4-1/2"	4782' KB	7366' KB	150 182		SIZE 2-3/8" DEPTH SET (MD) 7150' KB PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

7121'-30' KB 2 JSPF  
7203'-22' KB 1 JSPF  
37 ~~28~~ holes - 21'28'

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7121-7222' KB Dakota	Acidized w/700 gal, 15% wtd HCl & 56 l.l sq ball slrs. Frac'd Dakota w/50,000 gal 75% foam & 93,000 20/40 SD.

33.\* PRODUCTION

DATE FIRST PRODUCTION 2-24-82

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

WELL STATUS (Producing or shut-in) shut-in

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
2-24-82	3	3/4"	→		261.2		

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
142 psi	415 psi	→		2090		

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

TEST WITNESSED BY

35. LIST OF ATTACHMENTS  
Electric logs to be furnished by Schlumberger

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

SIGNED Jon H. Harrison TITLE Production Analyst DATE 3/10/82

**ACCEPTED FOR RECORD**  
MAR 24 1982

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



BY Elliott  
FARMINGTON DISTRICT

# 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 PRESSURE, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUB. DEPTH
*San Jose	Surface	1436'	Sandstone	Greenhorn	7009' KB	
*Ojo Alamo	1436'	1556'	Sandstone, water			
*Kirtland	1556'	2466'	Shale			
*Fruitland	2466'	2620'	Sandstone, gas, water			
*Pictured Cliffs	2620'	3735'	Sandstone, gas			
*Lewis	3735'	4300'	Shale			
*Cliffhouse	4300'	4494'	Sandstone, gas			
*Menefee	4494'	5030'	Sand, shale, coal			
*Point Lookout	5030'	5254' KB	Sandstone, shale, gas			
Mancos	5254'	6282' KB	Shale, sand			
Gallup	6282'	7009' KB	Shale, sand, water			
Graneros	7065'	7120' KB	Shale			
Dakota	7120'	TD KB	Sand, gas			

\*All depths are estimated KB depths