

**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-079319

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Schwerdtfeger A

9. WELL NO.

1E

10. FIELD AND POOL, OR WILDCAT

Basin Dakota

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

Sec. 36, T28N, 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 \_\_\_\_\_

1b. TYPE OF COMPLETION:

NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. REVR.  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' FSL, 990' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO.

**RECEIVED**  
DEC 13 1982  
U.S. GEOLOGICAL SURVEY  
FARMINGTON, N. M.

DATE ISSUED

15. DATE SPUNDED

10/12/82

16. DATE T.D. REACHED

10/18/82

17. DATE COMPL. (Ready to prod.)

11/22/82

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

5918' KB

19. ELEV. CASINGHEAD

5906' GR

20. TOTAL DEPTH, MD & TVD

6676' KB

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

6632' KB

22. IF MULTIPLE COMPL., HOW MANY\*

-

23. INTERVALS DRILLED BY

→

ROTARY TOOLS

0'-TD

CABLE TOOLS

-

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

6436-6614' KB Dakota

25. WAS DIRECTIONAL SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DCL, CDL, DIL

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#	265' KB	12-1/4"	260 CF Cl-B + 2% CaCl <sub>2</sub> + 1/4#/sx flocele	
7"	23#	2751' KB	8-3/4"	364 CF 65:35 P07 + 1/4#/O Perlite + 2% CaCl <sub>2</sub> , 177 CF Cl-B + 2% CaCl <sub>2</sub> + 1/4#/sx flocele	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2"	2565' KB	6676' KB	(See Reverse)		2-3/8"	6543' KB	

30. TUBING RECORD

31. PERFORATION RECORD (Interval, size and number)

6436-40' KB 2 JSPF  
6564-74' KB (14', 28 holes)  
6464-90' KB 1 JSPF  
6600-14' KB (40', 40 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6436-6614' KB	1400 gal 15% wtd HCl, 102 ball slrs, 80,000 gal 40# gel, 163,000 # 20/40 sd

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
11/4/82	Flowing	Shut in					
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11/22/82	3 hrs.	3/4"	→	-	185	-	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	CONDENSATE—BBL.	TEST TEMPERATURE (°F)
98 psi	454 psi	→	-	1481	-	-	

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

To be sold

TEST WITNESSED BY

DEC 17 1982

35. LIST OF ATTACHMENTS

Electric logs forwarded by Bluejet and Gearhart

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

SIGNED

*Denise Wilson*

TITLE Production Analyst

DATE December 7, 1982

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

NMOCC

FARMINGTON DISTRICT  
BY *Stephane Anax*

# 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 38, 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: 592 CF 65:35 lite P0Z w/.6% Halad-9, 177 CF C1-B + .6% Halad-9

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP TRUE VERT. DEPTH
Ojo Alamo	1025'	1275'	Sand, shale, fresh water	Greenhorn	6290'	
Kirtland	1275'	1830'	Sand, shale, gas, water			
Fruitland	1830'	2116'	Sand, shale, coal, gas, water			
Pictured Cliffs	2116'	2196'	Sand, shale, gas			
Lewis	2196'	3046'	Shale			
Chacra	3046'	3734'	Sand, shale, gas			
Cliffhouse	3734'	3760'	Sand, shale, gas, water			
Menefee	3760'	4409'	Sand, shale, coal, gas, water			
Pt. Lookout	4409'	4684'	Sand, shale, gas			
Mancos	4684'	5532'	Shale			
Gallup	5532'	6290'	Sand, shale, silt			
Graneros	6352'	6390'	Shale			
Dakota	6390'	TD	Sand, shale, gas			

NOTE: All depths are expressed in terms of KB.

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 BRUT-IN PRESSURES, AND RECOVERIES

38. GEOLOGIC MARKERS