

**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, Colorado 80155

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1646' FNL 2667' FEL  
At top prod. interval reported below  
At total depth

14. PERMIT NO. \_\_\_\_\_ DATE ISSUED \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.  
NM 081208

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Hospah

9. WELL NO.  
66

10. FIELD AND POOL, OR WILDCAT  
Lower Hospah

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA  
Sec. 12; T17N; R9W

12. COUNTY OR PARISH  
McKinley

13. STATE  
New Mexico

15. DATE SPUDDED 8/28/80 16. DATE T.D. REACHED 8/31/80 17. DATE COMPL. (Ready to prod.) 10/6/80 18. ELEVATIONS (DF, REB, BT, GR, ETC.)\* 6995' gr. 19. ELEV. CASINGHEAD --

20. TOTAL DEPTH, MD & TVD 1715' 21. PLUG, BACK T.D., MD & TVD 1663' 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)\*  
1623-1636' Lower Hospah

25. WAS DIRECTIONAL SURVEY MADE  
No

26. TYPE ELECTRIC AND OTHER LOGS RUN  
CPL; ISFL; DI/SFL; CN/FD

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
13-3/8"	54.5#	160'	17-1/2"	175 sx CL-B w/2% CaCl <sub>2</sub>	
8-5/8"	24#	1715'	11"	150 sx CL-H w/35% silica flour	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	1570'	
2-7/8"	1636'	

31. PERFORATION RECORD (Interval, size and number)

1624=1636' (4 JSPF) 120° squeeze phasing

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1624-36'	504 gals 7 1/2% MSR acid

33.\* PRODUCTION

DATE FIRST PRODUCTION 10/6/80	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Rod Pump	WELL STATUS (Producing or shut-in) S1
DATE OF TEST 10/12/80	HOURS TESTED 24 hrs.	CHOKE SIZE
PROD'N. FOR TEST PERIOD →	OIL—BBL. 15	GAS—MCF. 687
WATER—BBL. 687	GAS—MCF. 687	OIL GRAVITY-API (CORR.)
FLOW. TUBING PRESSES.	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →
OIL—BBL. 15	GAS—MCF. 687	WATER—BBL. 687

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

35. LIST OF ATTACHMENTS  
Electric logs forwarded by Schlumberger.

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

SIGNED Carley Walker TITLE Asst Div Adm Mgr DATE 11/4/80

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

# 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
Menefee	Surface	328'	Sand, water, shale, coal	
Point Lookout	328'	528'	Sand, gas, water	
Mancos	528'	1556'	Shale	
Upper Hospah	1556'	1623'	Sand	
Lower Hospah	1623'	TD	Sand, oil	