

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 ☐ OTHER ☐ JUL 8 2 18 AM '69

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

Box 1031, Midland Texas 79701

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

At surface

660' FSL + 1980' FEL

At top prod. interval reported below

At total depth

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED

5-5-69

16. DATE T.D. REACHED

6-20-69

17. DATE COMPL. (Ready to prod.)

6-28-69

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

4187.5 GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9882

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

9851

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

0-9882

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

9792-9809

25. WAS DIRECTIONAL SURVEY MADE

yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Gamma Ray - Sonic and Lateralog

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	48	372	17 1/2	375 #4	none
8 5/8	32	4060	11	1200 #4	none
5 1/2	17	9882	7 1/8	225 #4	none

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 7/8	9690	9690

31. PERFORATION RECORD (Interval, size and number)

1 JSRF 9792-9809

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
9792-9809	1000 gals 15% HCL

33.* PRODUCTION

DATE FIRST PRODUCTION 6-28-69		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 6-28-69	HOURS TESTED 24	CHOKED SIZE	PROD'N. FOR TEST PERIOD →	OIL—BBL. 260	GAS—MCF. 342	WATER—BBL. 778	GAS-OIL RATIO 1315
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL—BBL. 260	GAS—MCF. 342	WATER—BBL. 778	OIL GRAVITY-API (CORR.) 41°	

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

Warren Petroleum when connection is made

TEST WITNESSED BY

Reynold Lipton

35. LIST OF ATTACHMENTS

Gamma Ray - Sonic + Lateralog

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

SIGNED

A.E. Smith

TITLE

Sr Prod Clerk

DATE

6-30-69

*(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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Recent	Surface	47'	Surface Sand and shale
Chinle	47	1395	Red sand and shale
Santa Rosa	1395	2205	Red sand and shale (water)
Rustler	2205	2246	Anhydrite
Salado	2246	2668	Salt and Anhydrite
Tansill	2668	2757	Anhydrite and Dolomite
Yates	2757	2878	Sand and Anhydrite
Seven Rivers	2878	3296	Dolomite and Anhydrite
Queen	3296	3579	Sand and Anhydrite
Penrose	3579	3773	Sand and Anhydrite
Greyburg	3773	3993	Dolomite, Anhydrite and sand
San Andres	3993	5450	Dolomite with sand and Anhydrite stringers
Glorieta	5450	5550	Sand with Dolomite and Anhydrite stringers
Paddock	5550	6930	Dolomite, shale and Anhydrite
Tubb	6930	7069	Sand, Dolomite and Anhydrite
Drinkard	7069	7760	Dolomite with shale and Anhydrite
Abo	7760	8850	Shale, green and red, with dolomite
Nueco	8850	9393	Limestone with gray shale
Bursom	9393	9786	Limestone, chert and red and gray shale
South	9786	9882	Limestone

38. GEOLOGIC MARKERS			
NAME	TOP		TRUE VERT. DEPTH
	MEAS.	DEPTH	
Chinle	47		+ 4164
Santa Rosa	1395		+ 2926
Rustler	2205		+ 1296
Salado	2246		+ 1255
Tansill	2668		+ 1533
Yates	2757		+ 1444
Seven Rivers	2878		+ 1323
Queen	3296		+ 205
Penrose	3579		+ 422
Greyburg	3773		+ 208
San Andres	3993		- 405
P. Sanl. Marker	4606		- 1240
Glorieta	5450		- 1340
Paddock	5550		- 2729
Tubb	6930		- 2868
Drinkard	7069		- 3559
Abo	7760		- 4649
Nueco	8850		- 5192
Bursom	9393		- 5250
Three Brothers	9460		- 5535
South	9786		