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**NEW MEXICO OIL CONSERVATION COMMISSION
WELL COMPLETION OR RECOMPLETION REPORT AND LOG**

Form C-105
Revised 11-84

5a. Indicate Type of Lease
State ☒ Fee ☐
5. State Oil & Gas Lease No.
LH-185

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER _____
b. TYPE OF COMPLETION
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER _____

2. Name of Operator
Tenneco Oil Company
3. Address of Operator
7990 IH 10 West, San Antonio, Texas 78230
4. Location of Well:
UNIT LETTER **N** LOCATED **1980** FEET FROM THE **West** LINE AND **660** FEET FROM **600**

10. Field and Pool, or Wildcat
Under N - Ranger Lake
11. County
Lea
THE **South** LINE OF SEC. **13** TWP. **12S** RGE. **34E** NMPM

15. Date Spudded **4/10/86** 16. Date T.D. Reached **5/31/86** 17. Date Compl. (Ready to Prod.) **6/16/86** 18. Elevations (DF, RAB, RT, GR, etc.) **4133' GR** 19. Elev. Casinghead
20. Total Depth **13155'** 21. Plug Back T.D. **10400'** 22. If Multiple Compl., How Many **N/A** 23. Intervals Drilled By **X** Rotary Tools Cable Tools

24. Producing Interval(s), of this completion - Top, Bottom, Name
10,313 - 10,328 Pennsylvanian 25. Was Directional Survey Made **No**

26. Type Electric and Other Logs Run
FDC-CNL, DLL-MSFL Sonic - DLL 27. Was Well Cored **No**

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT LB. FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	54.5# K-55	384'	17 1/2"	370 sxs Class C	Surface
8 5/8"	24# K-55	4178'	12 1/2"	1300 Sxs BJ Lite&100sxs "C"	Surface
5 1/2"	17# & 20#	10430'	7 7/8"	430 sxs Class C	Top of Cmt 9430

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
N/A				

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 7/8"	9942'	9942'

31. Perforation Record (Interval, size and number)
10313-10328 (.34" - 2SPF - 31)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
10313-10328	Acidized w/3000 gals 15% NEFE

33. PRODUCTION

Date First Production 6/16/86	Production Method (Flowing, gas lift, pumping - Size and type pump) Flowing	Well Status (Prod. or Shut-in) Production
Date of Test 6/18/86	Hours Tested 24	Choke Size 24/64
Flow Tubing Press. 185 psi	Casing Pressure Packer	Calculated 24-Hour Rate 275
		Oil - Bbl. 275
		Gas - MCF 360
		Water - Bbl. 0
		Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.)
Flared waiting on contract approval. Test Witnessed By
Duke Services

35. List of Attachments

36. I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief.

SIGNED **John W. Bax** TITLE **Senior Production Engineer** DATE **6/19/86**

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Commission not later than 20 days after the completion of any newly-drilled or deepened well. It shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, Items 30 through 34 shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See Rule 1165.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico

Northwestern New Mexico

T. Anhy _____	T. Canyon _____	T. Ojo Alamo _____	T. Penn. "B" _____
T. Salt _____	T. Strawn _____	T. Kirtland-Fruitland _____	T. Penn. "C" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates 2850	T. Miss 12,020	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian 13,017	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 4150	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta 5634	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb 7036	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo 7811	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp 9208	T. _____	T. Chinle _____	T. _____
T. Penn. 9710	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

OIL OR GAS SANDS OR ZONES

No. 1, from 10,313 to 10,310	No. 4, from _____ to _____
No. 2, from 10,312 to 10,328	No. 5, from _____ to _____
No. 3, from _____ to _____	No. 6, from _____ to _____

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from _____ to _____ feet	_____
No. 2, from _____ to _____ feet	_____
No. 3, from _____ to _____ feet	_____
No. 4, from _____ to _____ feet	_____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
4150	5000	850	Dolomite & Anhydrite	11,500	11,920	420	Limestone, Sandstone & Shale
5000	5634	634	Limestone & Dolomite	11,920	13,118	1,198	Limestone & Shale
5634	7036	1402	Sandstone, Anhydrite, Salt	13,118	13,017	101	Black Shale
7036	7811	775	Dolomite & Limestone	13,017	13,155	138	Dolomite, Limestone, Shale
7811	8580	769	Anhydrite, Dolomite, limestone & Shale				
8580	9080	500	Dolomite & Shale				
9080	9710	630	Dolomite, Limestone & Shale				
9710	11,500	1,790	Limestone				
			Limestone & Shale				

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HOES

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Tenneco Oil Company ADDRESS 7990 IH 10 West, San Antonio, TX 78230
 FIELD Undes. W. Ranger Lake LEASE State QE - 13 WELL NO. 1
 LOCATION 1980' FWL and ⁶⁶⁰600' FSL of Section 13, T12S, R34E, Lea County, New Mexico

DEVIATION RECORD

DEPTH	DEGREES	DEPTH	DEGREES	DEPTH	DEGREES
234'	1/4°	4660'	3/4°	9999'	3/4°
380'	1 1/2°	4910'	3/4°	10460'	1 3/4°
889'	3/4°	5382'	1 1/4°	10980'	1 1/4°
1393'	1/2°	5918'	3/4°	11350'	1 1/4°
1898'	1/2°	6415'	3/4°	11840'	1 1/2°
2398'	3/4°	6915'	3/4°	12319'	1°
2700'	3/4°	7480'	1°	12635'	2 1/4°
3230'	1/2°	7980'	1 1/2°	12790'	2 1/4°
3730'	1°	8530'	1/2°	12930'	2 3/4°
4160'	1/2°	9025'	2°	13070'	3 1/4°
		9460'	1°	13150'	2 3/4°

Certification of personal knowledge of Deviation Record:

I hereby certify that I have personal knowledge of the data and facts placed on this form, and that such information is true and complete.

Mary Hall
Signature

TENNECO OIL COMPANY
Company

STATE OF TEXAS
COUNTY OF BEXAR

Before me, the undersigned authority, on this day personally appeared MARY HALL, known to me to be the person whose name is subscribed hereto, who, after being duly sworn, on oath states that he is acting at the direction and on behalf of the operator of the well identified in this instrument and that such well was not intentionally deviated from the vertical.

Mary Hall
Signature

Staff Production Analyst
Title

Sworn and Subscribed to before me, this the 19th day of June, 1988

Linda Goetz
Notary Public in and for Bexar County,
Texas.

Notary Public, State of Texas
My Commission expires 3-21-90

MY COMMISSION EXPIRES:

3-21-90

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O.C.D.
HOBBS OFFICE