

OIL CONSERVATION DIVISION

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RECEIVED BY P. O. BOX 2088  
SANTA FE, NEW MEXICO 87501  
DEC 17 1984  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG  
O. C. D.  
ARTESIA, OFFICE

5a. Indicate Type of Lease  
State ☒ Fee ☐  
5. State Oil & Gas Lease No.  
7. Unit Agreement Name  
8. Farm or Lease Name  
State HL 1  
9. Well No.  
2  
10. Field and Pool, or Wildcat  
Leo Queen S. (Grayburg) SR  
12. County  
Eddy

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

c. Name of Operator  
Tenneco Oil Company  
d. Address of Operator  
7990 IH 10 West, San Antonio, Tx 78230  
e. Location of Well

UNIT LETTER C LOCATED 660 FEET FROM THE north LINE AND 1980 FEET FROM  
THE west LINE OF SEC. 1 TWP. 19S RGE. 29E NMPM

15. Date Spudded 8/1/84	16. Date T.D. Reached 8/11/84	17. Date Compl. (Ready to Prod.) 11/12/84	18. Elevations (DF, RKB, RT, GR, etc.) 3415' GL	19. Elev. Casinghead 3415'
20. Total Depth 2880'	21. Plug Back T.D. 2249'	22. If Multiple Compl., How Many -	23. Intervals Drilled By Rotary Tools 2880'	Cable Tools 0
24. Producing Interval(s), of this completion - Top, Bottom, Name 1723-1806- 7 Rivers				25. Was Directional Survey Made yes
26. Type Electric and Other Logs Run CNI/LDT, DLL/MSFL				27. Was Well Cored no

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT LB./FT.	DEPTH SET	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	24 & 32	300'	12 1/4"	200 sxs	0
5 1/2"	15.5	2880	7 7/8"	615 sxs	0

LINER RECORD				TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
					2 3/8	1964'
						PACKER SET NA

29. Perforation Record (Interval, size and number) 1723-1740, 1792-1795, 1806 1 JSPF 4 JSPF 1 JSPF 27 holes of .34"	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL 1723-1806 1723-1806 AMOUNT AND KIND MATERIAL USED 1000 gals. of 10% Aletic Acid 51156 gals. of minimax III 30w/ 30% N <sub>2</sub> and 155,000 # 12/20 sand
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PRODUCTION							
Date First Production 11-11-84		Production Method (Flowing, gas lift, pumping - Size and type pump) pumping				Well Status (Prod. or Shut-in) prod.	
Date of Test 11/25/84	Hours Tested 24	Choke Size -	Prod'n. For Test Period →	Oil - Bbl. 95	Gas - MCF TSTM	Water - Bbl. 0	Gas - Oil Ratio 0
Flow Tubing Press. 5 PSI	Casing Pressure 5 PSI	Calculated 24-Hour Rate →	Oil - Bbl. 95	Gas - MCF TSTM	Water - Bbl. 0	Oil Gravity - API (Corr.) 35.4	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
Vented  
Test Witnessed By  
Don Caldwell

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 Robert A. Mattheo TITLE Production Engineering Supv. DATE 12/10/84

# INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division 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 1105.

## 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" _____
D. Salt 1224	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers 1721	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen 2315	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg 2670	T. Montoya _____	T. Mancos _____	T. McCracken _____
T. San Andres 2806	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Illinebry _____	T. Gr. Wash _____	T. Morrison _____	T. _____
T. Tubb _____	T. Granite _____	T. Todilto _____	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. _____
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. _____
T. Wolfcamp _____	T. _____	T. Chinle _____	T. _____
T. Penn. _____	T. _____	T. Permian _____	T. _____
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. _____

### OIL OR GAS SANDS OR ZONES

No. 1, from 1720 to 1742	No. 4, from 2356 to 2363
No. 2, from 1789 to 1810	No. 5, from 2496 to 2512
No. 3, from 2322 to 2335	No. 6, from 2577 to 2586

### IMPORTANT WATER SANDS

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

No. 1, from NA 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
1720	2315	595'	7 Rivers				
2315	2670	355'	Queen				
2670	2805	135'	Grayburg				

NEW MEXICO OIL CONSERVATION COMMISSION

OPERATOR Tenneco Oil Company ADDRESS 7990 IH 10 West, San Antonio, TX 78230  
 FIELD Leo Queen So. (Grayburg) LEASE State HL 1 WELL NO. 2  
 LOCATION 660' FNL & 1980' FEL, Sec. 1, T19S, R29E, Eddy Co., N.M.

DEVIATION RECORD

<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>	<u>DEPTH</u>	<u>DEGREES</u>
300'	1				
560'	1				
1060'	1 3/4				
1508'	2 1/4				
2110'	2 1/2				
2300'	1				
2509'	1/4				
2880'	1°				

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.

[Signature]  
 Signature  
Tenneco Oil Company  
 Company

STATE OF TEXAS  
 COUNTY OF BEXAR

Before me, the undersigned authority, on this day personally appeared [Signature], 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.

[Signature]  
 Signature  
Division Drilling Superintendent  
 Title

Sworn and Subscribed to before me, this the 26th day of September, 1984

[Signature]  
 Notary Public in and for Bexar County,  
 Texas.

MY COMMISSION EXPIRES:  
 CAROL L. CLARK  
 Notary Public, State of Texas  
 My Commission Expires 4-15-85