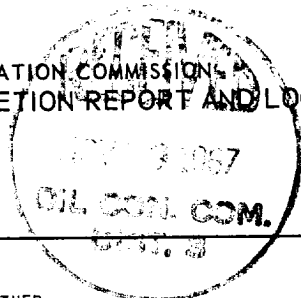


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Form C-105
Revised 1-1-65

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



5a. Indicate Type of Lease
State ☐ Fee ☒

5. State Oil & Gas Lease No.
--

1a. TYPE OF WELL
OIL WELL ☒ GAS WELL ☐ DRY ☐ OTHER ☐

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

7. Unit Agreement Name
--

8. Farm or Lease Name
Santa Fe Railroad

9. Well No.
13

2. Name of Operator
Tesoro Petroleum Corporation

3. Address of Operator
533 Busby Drive, San Antonio, Texas

10. Field and Pool, or Wildcat
South Hospah Lower Sand

4. Location of Well
UNIT LETTER **D** LOCATED **330** FEET FROM THE **West** LINE AND **930** FEET FROM THE **North** LINE OR SEC. **7** TWP. **17N** RGE. **8W** NMPM

12. County
McKinley

15. Date Spudded **10/1/67** 16. Date T.D. Reached **10/6/67** 17. Date Compl. (Ready to Prod.) **10/20/67**

18. Elevations (DF, RKB, RT, GR, etc.) **6930 G.L. 6938 RKB** 19. Elev. Casinghead **6931 G.L.**

20. Total Depth **1580 RKB** 21. Plug Back T.D. **-** 22. If Multiple Compl., How Many **-** 23. Intervals Drilled By **Rotary Tools** **entire** Cable Tools **-**

24. Producing Interval(s), of this completion - Top, Bottom, Name
Open Hole 1576-1580 RKB Lower Hospah Massive Gallup

25. Was Directional Survey Made
No

26. Type Electric and Other Logs Run
Schlumberger Electric Log

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
8-5/8"	24#	69'RKB	12-1/4"	40 sacks	None
5-1/2"	14#	1576'RKB	7-7/8"	60 sacks Class "C"	"

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET
	None				2-3/8"	1545 RKB

31. Perforation Record (Interval, size and number)
None - Open Hole (4-3/4")

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.
DEPTH INTERVAL **None** AMOUNT AND KIND MATERIAL USED

33. PRODUCTION
Date First Production **10/20/67** Production Method (Flowing, gas lift, pumping - Size and type pump) **Pump** Well Status (Prod. or Shut-in) **Producing**

Date of Test **10/29/67** Hours Tested **24** Choke Size **None** Prod'n. For Test Period **20.1** Oil - Bbl. **TSTM** Gas - MCF **1.1** Water - Bbl. **Nil** Gas - Oil Ratio

Flow Tubing Press. **None** Casing Pressure **None** Calculated 24-Hour Rate **20.1** Oil - Bbl. **TSTM** Gas - MCF **1.1** Water - Bbl. **25°** Oil Gravity - API (Corr.)

34. Disposition of Gas (Sold, used for fuel, vented, etc.) **Vented** Test Witnessed By **William T. E. Nissen**

35. List of Attachments
Schlumberger Electric Log

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 **R. H. Denman** TITLE **Petroleum Engineer** DATE **Nov. 21, 1967**

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 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" _____
B. Salt _____	T. Atoka _____	T. Pictured Cliffs _____	T. Penn. "D" _____
T. Yates _____	T. Miss _____	T. Cliff House _____	T. Leadville _____
T. 7 Rivers _____	T. Devonian _____	T. Menefee _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout _____	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos 520	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup 1368	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	Hospan 1520
T. Blinberry _____	T. Gr. Wash _____	T. Morrison _____	Massive
T. Tubb _____	T. Granite _____	T. Todilto _____	Gallup 1575
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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	520		Sand and shale				
520	820		Shale				
820	980		Sand and shale				
980	1250		Shale				
1250	1310		Sand and shale				
1310	1520		Shale and sandy shale				
1520	1553		Sand with shale oil saturated				
1553	1575		Shale				
1575	1581		Clean sand, oil saturated.				