

STATE OF NEW MEXICO
ENERGY AND MINERALS DEPARTMENT

Form C-105
Revised 10-1-78

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

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SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

RECEIVED
FEB 22 1983
OIL CON. DIV.
DIST. 3

1. Validity of Lease
State ☐ Fee ☒

2. State Oil and Gas Lease No.

3. Unit Agreement Name

8. Farm or Lease Name

Santa Fe Railroad

9. Well No.

48

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

12. County

McKinley

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

Tesoro Petroleum Corporation

3. Address of Operator

8700 Tesoro Drive, San Antonio, Texas 78286

4. Location of Well

UNIT LETTER E LOCATED 2410 FEET FROM THE North LINE AND 410 FEET FROM

THE West LINE OF SEC. 7 TWP. 17N RGE. 8W NMPM

15. Date Spudded

12-27-82

16. Date T.D. Reached

1-12-83

17. Date Compl. (Ready to Prod.)

2-12-83

18. Elevations (DF, RKB, RT, GR, etc.)

6986' GL

19. Elev. Casinghead

6986 GL

20. Total Depth

1665'

21. Plug Back T.D.

1655'

22. If Multiple Compl., How Many

No

23. Intervals Drilled By

Rotary Tools

Cable Tools

X

24. Producing Interval(s), of this completion - Top, Bottom, Name

Lower Hospah 1628 - 1665'

25. Was Directional Survey Made

Deviation Only

26. Type Electric and Other Logs Run

Induction, Gamma-Ray 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"	20	39	12 1/4"	30 sks Class "B"	Circ. to surface
5 1/2"	14	1664	7 7/8"	100 sks class "B"	Cal. Top cmt 700'

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 7/8"	1640	

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

Lower Hospah, 1630 - 1646' 2 spf.

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

DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First Production 2-12-83	Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping - 1 1/2" Rod pump					Well Status (Prod. or Shut-in) Prod.	
Date of Test 2-14-83	Hours Tested 24	Choke Size ---	Prod'n. For Test Period 29	Oil - Bbl. 29	Gas - MCF ---	Water - Bbl. 44	Gas - Oil Ratio ---
Flow Tubing Press. ---	Casing Pressure ---	Calculated 24-Hour Rate 29	Oil - Bbl. 29	Gas - MCF ---	Water - Bbl. 44	Oil Gravity - API (Corr.)	

34. Disposition of Gas (Sold, used for fuel, vented, etc.)

No Gas Production

Test Witnessed By
Dave Collis

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

Dianna F. [Signature]

TITLE

Area Production Manager

DATE

2/18/83

INSTRUCTIONS

This form is to be filled 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 mechanical logs run in 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 1 through 14 shall be reported for each zone. The form is to be filled in quadruplicate except on state land, where six copies are required. See Rule 111.5.

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 _____	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota _____	T. _____
T. Blinbry _____	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 1628 to 1665	No. 4, from _____ to _____
No. 2, from _____ to _____	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
1560	1600		Upper Hospah Zone of the Gallup				
1628	1665		Lower Hospah Zone of The Gallup				