

STATE OF NEW MEXICO  
ENERGY AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NO. OF COPIES RECEIVED	
DISTRIBUTION	
SANTA FE	
FILE	
U.S.G.S.	
LAND OFFICE	
OPERATOR	

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

2. Name of Operator  
Tesoro Petroleum Corporation

3. Address of Operator  
2000 1st of Denver Plaza, Denver, CO 80202

9. Well No.  
42

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

4. Location of Well  
UNIT LETTER F LOCATED 2310 FEET FROM THE North LINE AND 1650 FEET FROM

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

12. County  
McKinley

15. Date Spudded 12/10/81 16. Date T.D. Reached 12/18/81 17. Date Compl. (Ready to Prod.) 2/15/82 18. Elevations (DF, RKB, RT, GR, etc.) 7034' GL 7045' KB 19. Elev. Casinghead 7034' GL

20. Total Depth 4029' 21. Plug Back T.D. 3875' 22. Multiple Compl., How Many Single 23. Intervals Drilled By Rotary Tools X Cable Tools

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

25. Was Directional Survey Made  
Inclination Only

26. Type Electric and Other Logs Run  
CBL-GR-VDL, FDC-CNL-GR, DIL, BHC Sonic

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
5 1/2"	15.5	3095' GL	7 7/8"	150 sks class C w/1% CaCl <sub>2</sub>	
				80 sks class B w/1% CaCl <sub>2</sub>	
8 5/8"	23	133' GL	12 1/4"	150 sks class B w/3% CaCl <sub>2</sub>	

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
					2 3/8"	1733'	N/A

30. TUBING RECORD

31. Perforation Record (Interval, size and number)

2796-2803' ( 7' )	w/2 JSPF (isolated by CTBP)
2705-2715' (10' )	w/2 JSPF ( " " " )
2640-2660' (20' )	w/2 JSPF ( " " " )
2556-2572' (16' )	w/2 JSPF ( " " " )
1696-1716' (20' )	w/2 JSPF (Open)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2796-2803'	750 gal HCl 15%

33. PRODUCTION

Date First Production 2/15/82 Production Method (Flowing, gas lift, pumping - Size and type pump) Pump Well Status (Prod. or Shut-in) Producing

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio
2/15/82	24			32.88		160.52	

Flow Tubing Press.	Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)

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

Test Witnessed By  
Roy Yazzie

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 Jim Yates TITLE Production Engineer DATE 4/13/82

**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 a copy of all electrical and resistivity 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 2a through 2d shall be reported for each zone. The form is to be filed in duplicate 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 <b>Surface</b>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <b>455'</b>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <b>684'</b>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <b>1583'</b>	T. Ignacio Qtzite _____
T. Glorieta _____	T. McKee _____	Base Greenhorn <b>2503'</b>	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <b>2558'</b>	T. _____
T. Blinebry _____	T. Gr. Wash _____	T. Morrison <b>2850'</b>	T. _____
T. Tubb _____	T. Granite _____	T. Todilto <b>3810'</b>	T. _____
T. Drinkard _____	T. Delaware Sand _____	T. Entrada <b>3890'</b>	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 <u>1696'</u> to <u>1716'</u>	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
Surface	455'	455'	Menefee				
455'	684'	229'	Point Lookout				
684'	878'	370'	Mancos				
878'	1583'	705'	T/U Hospah				
1583'	1696'	113'	T/L Hospah				
2455'	2503'	48'	Greenhorn				
2558'	2795'	237'	Dakota				
2850'	3810'	960'	Morrison				
3810'	3890'	80'	Todilto				
3890'	4028'	38'	Entrada (TD)				

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b. TYPE OF COMPLETION  
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LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	1733'	N/A

Isolation Record (Interval, size and number)

-2803' (7') w/2 JSPF (isolated by C1BP)
-2715' (10') w/2 JSPF ( " " " )
-2660' (20') w/2 JSPF ( " " " )
-2572' (16') w/2 JSPF ( " " " )
-2716' (20') w/2 JSPF (Open)

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
2796-2803'	750 gal HCL 15%

PRODUCTION

Production Method (Flowing, gas lift, pumping - Size and type pump)  
Pump

Well Status (Prod. or Shut-in)  
Producing

Hours Tested <u>24</u>	Choke Size	Prod'n. For Test Period	Oil - Bbl. <u>32.88</u>	Gas - MCF	Water - Bbl. <u>160.52</u>	Gas - Oil Ratio
Casing Pressure	Calculated 24-Hour Rate	Oil - Bbl.	Gas - MCF	Water - Bbl.	Oil Gravity - API (Corr.)	

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

Test Witnessed By  
Roy Yazzie

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

in Gates TITLE Production Engineer DATE 4/13/82

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