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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 R.R.

2. Name of Operator  
Tesoro Petroleum Corporation

9. Well No.  
18

3. Address of Operator  
8520 Crownhill Boulevard, San Antonio, Texas 78209

10. Field and Pool, or Wildcat  
South Hospah-Upper Sand

4. Location of Well  
UNIT LETTER D LOCATED 710 FEET FROM THE West LINE AND 600 FEET FROM

12. County  
McKinley

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

15. Date Spudded 4-18-70 16. Date T.D. Reached 4-22-70 17. Date Compl. (Ready to Prod.) 5-8-70 18. Elevations (DF, RKB, RT, GR, etc.) 6917' GL 6929' RKB 19. Elev. Casinghead 6917' GL

20. Total Depth 1551' RKB 21. Plug Back T.D. N/A 22. If Multiple Compl., How Many --- 23. Intervals Drilled By Rotary Rotary Tools Rotary Cable Tools \_\_\_\_\_

24. Producing Interval(s), of this completion - Top, Bottom, Name  
1516' - 1550' RKB (GR/N) Upper Hospah

25. Was Directional Survey Made  
Single Shot

26. Type Electric and Other Logs Run  
Induction Electric Log and Gamma Ray Neutron 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# H-40       | 75' RKB   | 12-1/4"   | 50 sacks common  | None          |
| 5-1/2"      | 15.5# J-55     | 1529' RKB | 7-7/8"    | 100 sacks common | None          |

29. LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN |
|------|-----|--------|--------------|--------|
|      |     |        |              |        |

30. TUBING RECORD

| SIZE   | DEPTH SET | PACKER SET |
|--------|-----------|------------|
| 2-3/8" | 1528' RKB | None       |

31. Perforation Record (Interval, size and number)  
Open Hole

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

| DEPTH INTERVAL | AMOUNT AND KIND MATERIAL USED |
|----------------|-------------------------------|
| NONE           |                               |

33. PRODUCTION  
Date First Production 5-9-70 Production Method (*Flowing, gas lift, pumping - Size and type pump*) Pumping 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 |
|--------------|--------------|------------|-------------------------|------------|-----------|--------------|---------------|
| 5-14-70      | 24 hours     | ---        | <u>6.27</u>             | 6.27       | Tstm      | 0.40         | Nil           |

| Flow Tubing Press. | Casing Pressure | Calculated 24-Hour Rate | Oil - Bbl. | Gas - MCF | Water - Bbl. | Oil Gravity - API (Corr.) |
|--------------------|-----------------|-------------------------|------------|-----------|--------------|---------------------------|
| ---                | ---             | <u>6.27</u>             | 6.27       | Tstm      | 0.40         | 31°                       |

34. Disposition of Gas (*Sold, used for fuel, vented, etc.*) N/A Test Witnessed By Evert Eis

35. List of Attachments  
Induction Electric Log and Gamma Ray Neutron 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. Bowman TITLE Petroleum Engineer DATE June 15, 1970

## 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 _____ 295        | T. Madison _____       |
| T. Queen _____           | T. Silurian _____      | T. Point Lookout _____      | T. Elbert _____        |
| T. Grayburg _____        | T. Montoya _____       | T. Mancos _____ 528         | T. McCracken _____     |
| T. San Andres _____      | T. Simpson _____       | T. Gallup _____ 1516        | T. Ignacio Qtzte _____ |
| T. Glorieta _____        | T. McKee _____         | Base Greenhorn _____        | T. Granite _____       |
| T. Paddock _____         | T. Ellenburger _____   | T. Dakota _____             | T. _____               |
| T. Blinebry _____        | 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. _____               |

#### FORMATION RECORD (Attach additional sheets if necessary)

| From | To   | Thickness<br>in Feet | Formation                     | From | To | Thickness<br>in Feet | Formation |
|------|------|----------------------|-------------------------------|------|----|----------------------|-----------|
| 0    | 75   | 75                   | Surface dirt, gravel and rock |      |    |                      |           |
| 75   | 295  | 220                  | Shale and shaly sand          |      |    |                      |           |
| 295  | 528  | 233                  | Sand and shaly sand           |      |    |                      |           |
| 528  | 823  | 295                  | Shale                         |      |    |                      |           |
| 823  | 1516 | 693                  | Sand, shale and sandy shale   |      |    |                      |           |
| 1516 | 1551 | 35                   | Oil sand with shale streaks   |      |    |                      |           |