

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

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

|                                                                        |
|------------------------------------------------------------------------|
| 1. Indicate Type of Lease                                              |
| State <input type="checkbox"/> Fee <input checked="" type="checkbox"/> |
| 2. State Oil & Gas Lease No.                                           |

7. Unit Agreement Name

8. Farm or Lease Name  
Santa Fe Railroad "A"9. Well No.  
9410. Field and Pool, or Wildcat  
S. Hospah Field  
Lower Hospah Sand12. County  
McKinley

1. TYPE OF WELL

2. TYPE OF COMPLETION

NEW WELL ☒ WORK OVER ☐ DEEPEN ☐

Name of Operator

Tesoro Petroleum Corporation

Address of Operator

2000 1st of Denver Plaza, Denver, CO 80202

3. Location of Well

4. SECTION LETTER P LOCATED 810 FEET FROM THE South LINE AND 1550 FEET FROM5. East LINE OF SEC. 1 TWP. 17N RGE. 9W NMPM6. Date Spudded 7/30/81 16. Date T.D. Reached 8/2/81 17. Date Compl. (Ready to Prod.) 8/19/81 18. Elevations (DF, RKB, RT, GR, etc.) 7017' GL 19. Elev. Casinghead 7017' GLTotal Depth 1700' 20. Plug Back T.D. 1663' 22. If Multiple Compl., How Many Single 23. Intervals Drilled By Rotary Tools X Cable Tools

24. Producing Intervals, of this completion - Top, Bottom, Name

Lower Hospah 1616-1684'

25. Was Directional Survey Made

Inclination only

26. Type Electric and Other Logs Run

IES-GR-SP &amp; FDC-GR-CAL

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 FULLED |
|-------------|----------------|-----------|-----------|------------------|---------------|
| 8 5/8"      | 23#            | 38'       | 12 1/4"   | 30 sks class "B" |               |
| 5 1/2"      | 15.5#          | 1688'     | 7 7/8"    | 80 sks class "B" |               |
|             |                |           |           |                  |               |
|             |                |           |           |                  |               |

## LINER RECORD

| SIZE | TOP | BOTTOM | SACKS CEMENT | SCREEN | 30. SIZE | TUBING RECORD DEPTH SET | PACKER SET |
|------|-----|--------|--------------|--------|----------|-------------------------|------------|
|      |     |        |              |        | 2 7/8"   | 1541'                   | None       |

31. Perforation Record (Interval, size and number)

Lower Hospah: 1618-42' and 1648-52' (28')  
0.43" OD, 2 JSPF

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE

| DEPTH INTERVAL | AMOUNT AND KIND OF FLUID USED |
|----------------|-------------------------------|
|                | None                          |
|                |                               |
|                |                               |
|                |                               |

33. PRODUCTION

Date First Production 8/19/81 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping 2 1/2" x 2 1/4" x 10' tubing pump Well Status (Prod. or Shut-in) Producing

|                             |                          |                                  |                                  |                       |                    |                                     |                          |
|-----------------------------|--------------------------|----------------------------------|----------------------------------|-----------------------|--------------------|-------------------------------------|--------------------------|
| Date of Test <u>8/19/81</u> | Hours Tested <u>24</u>   | Choke Size <u>-</u>              | Prod'n. For Test Period <u>→</u> | Oil - Bbl. <u>136</u> | Gas - MCF <u>0</u> | Water - Bbl. <u>204</u>             | Gas - Oil Ratio <u>-</u> |
| Flow Tubing Press. <u>-</u> | Casing Pressure <u>-</u> | Calculated 24-Hour Rate <u>→</u> | Oil - Bbl.                       | Gas - MCF             | Water - Bbl.       | Oil Gravity - API (Corr.) <u>26</u> |                          |

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

None

Test Witnessed By  
Dave Collis

35. List of Attachments

None

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.

## INSTRUCTIONS

This form is to be filed with the Assistant Adjutant General of the Division not later than 20 days after the completion of any newly-drilled or reopened well. It shall be made in duplicate, one copy of which, together with a copy of the well log and a summary of all special tests conducted, including lithologic data. All deeper completed shall be made by them. In the case of directionally drilled wells, true vertical depths shall also be reported. In multiple completions, depths of the perforations shall be reported for each zone. The form is to be filed in quintuplicate except on state land, where six copies are required. See table 1115.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

### Southeastern New Mexico

|                          |                        |
|--------------------------|------------------------|
| T. Anby _____            | T. Canyon _____        |
| T. Salt _____            | T. Strawn _____        |
| B. Salt _____            | T. Atoka _____         |
| T. Yates _____           | T. Miss _____          |
| T. 7 Rivers _____        | T. Devonian _____      |
| T. Queen _____           | T. Silurian _____      |
| T. Grayburg _____        | T. Montoya _____       |
| T. San Andres _____      | T. Simpson _____       |
| T. Glorieta _____        | T. McKee _____         |
| T. Paddock _____         | T. Ellenburger _____   |
| T. Blinberry _____       | T. Gr. Wash _____      |
| T. Tubb _____            | T. Granite _____       |
| T. Drinkard _____        | T. Delaware Sand _____ |
| T. Abo _____             | T. Bone Springs _____  |
| T. Wolfcamp _____        | T. _____               |
| T. Penn. _____           | T. _____               |
| T. Cisco (Bough C) _____ | T. _____               |

### Northwestern New Mexico

|                                   |                        |
|-----------------------------------|------------------------|
| T. Ojo Alamo _____                | T. Penn. "B" _____     |
| T. Kirtland-Fruitland _____       | T. Penn. "C" _____     |
| T. Pictured Cliffs _____          | T. Penn. "D" _____     |
| T. Cliff House _____              | T. Leadville _____     |
| T. Menefee _____                  | T. Madison _____       |
| T. Point Lookout _____            | T. Elbert _____        |
| T. Mancos _____                   | T. McCracken _____     |
| T. Gallup <u>1568' GL (5453')</u> | T. Ignacio Qtzte _____ |
| Base Greenhorn _____              | T. Granite _____       |
| T. Dakota _____                   | T. _____               |
| T. Morrison _____                 | T. _____               |
| T. Todilto _____                  | T. _____               |
| T. Entrada _____                  | T. _____               |
| T. Wingate _____                  | T. _____               |
| T. Chinle _____                   | T. _____               |
| T. Permian _____                  | T. _____               |
| T. Penn. "A" _____                | T. _____               |

OIL OR GAS SANDS OR ZONES

|                   |          |             |    |
|-------------------|----------|-------------|----|
| No. 1, from 1568' | to 1610' | No. 4, from | to |
| No. 2, from 1616' | to 1684' | 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<br>in Feet | Formation                              | From | To | Thickness<br>in Feet | Formation |
|-------|-------|----------------------|----------------------------------------|------|----|----------------------|-----------|
| 1568' | 1616' | 48'                  | Upper Hospah member of Gallup          |      |    |                      |           |
| 1616' | 1684' | 68'                  | Lower Hospah member of Gallup          |      |    |                      |           |
|       |       |                      | No cores cut or DST's run on this well |      |    |                      |           |

