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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.

1. TYPE OF WELL  
a. TYPE OF COMPLETION  
OIL WELL ☐ GAS WELL ☐ DRY ☐ OTHER Injection  
NEW WELL ☒ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ OTHER Well

7. Unit Agreement Name  
Hospah Sand Unit  
8. Farm or Lease Name  
Hospah Sand Unit

2. Name of Operator  
Tesoro Petroleum Corporation

9. Well No.  
91

3. Address of Operator  
633 17th Street, Suite 2000, 1st of Denver Plaza, Denver, CO 80202

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

4. Location of Well  
UNIT LETTER K LOCATED 2460 FEET FROM THE West LINE AND 1790 FEET FROM

11. County  
McKinley

LINE OF SEC. 36 TWP. 18N RGE. 9W NMPM

15. Date Spudded 7/17/80 16. Date T.D. Reached 7/21/80 17. Date Compl. (Ready to Prod.) 8/12/80 18. Elevations (DF, RKB, RT, GR, etc.) 7077' GR 7082' KB 19. Elev. Casinghead 7077'

20. Total Depth 1765' 21. Plug Back T.D. 1742' 22. If Multiple Compl., How Many - 23. Intervals Drilled By Rotary Tools 0'-TD Cable Tools -

24. Producing Interval(s), of this completion - Top, Bottom, Name  
1709' - 1724' Upper Hospah 25. Was Directional Survey Made No

26. Type of Electric and Other Logs Run  
DIL, CBL-GR 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
<u>8 5/8</u>	<u>23</u>	<u>42'</u>	<u>12 1/4</u>	<u>35 sx Class 'B' + 4% CaCl<sub>2</sub></u>	<u>-</u>
<u>5 1/2</u>	<u>14</u>	<u>1764'</u>	<u>7 7/8</u>	<u>125 sx Class 'B' + 10% Salt</u>	<u>-</u>

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
<u>NA</u>					<u>2 3/8</u>	<u>1680'</u>	<u>1680'</u>

31. Perforation Record (Interval, size and number)  
1709' - 1724' w/2 JSPF

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

DEPTH INTERVAL	AMOUNT AND KIND MATERIAL USED
<u>NA</u>	

33. PRODUCTION  
Date First Production 8/12/80 Production Method Injection (Flowing, gas lift, pumping - Size and type pump)

Date of Test	Hours Tested	Choke Size	Prod'n. For Test Period	Oil - Bbl.	Gas - MCF	Water - Bbl.	Gas - Oil Ratio

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

35. List of Attachments  
DIL, CBL-GR Logs, Deviation Survey

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 Kary J. Koltunbach TITLE District Engineer DATE 8/19/80

**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 _____ 503'	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos _____ 732'	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup _____ 1542'	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 in Feet	Formation	From	To	Thickness in Feet	Formation
503	732	229	Point Lookout				
732	1044	312	Mancos Shale				
1044	1542	498	Hosta				
1542	1707	165	Gallup				
1707	1765	58	Upper Hospah				

