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U.S.G.S.

AND OFFICE

OPERATOR

Form O-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.

4a. TYPE OF WELL

OIL WELL ☐GAS WELL ☐DRY ☐OTHER ☐

Injection

b. TYPE OF COMPLETION

Well

NEW WELL ☒WORK OVER ☐DEEPEN ☐PLUG BACK ☐DIFF. RESVR. ☐OTHER ☐

6. Name of Operator

Tesoro Petroleum Corporation

7. Address of Operator

633 17th Street, Suite 2000, 1st of Denver Plaza, Denver, CO 80202

8. Location of Well

7. Unit Agreement Name

Hospah Sand Unit

8. Farm or Lease Name

Hospah Sand Unit

9. Well No.

90

10. Field and Pool, or Wildcat

Hospah-Upper Sand

UNIT LETTER J LOCATED 2390 FEET FROM THE South LINE AND 1475 FEET FROMTHE east LINE OF SEC. 36 TWP. 18N RGE. 9W NMPM

12. County

McKinley

15. Date Spudded

7/22/80

16. Date T.D. Reached

7/25/80

17. Date Compl. (Ready to Prod.)

8/13/80

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

7100' GR

19. Elev. Casinghead

7100'

20. Total Depth

1840'

21. Plug Back T.D.

1824'

22. If Multiple Compl., How Many

-

23. Intervals Drilled By

→

Return Tools

0'-TD

Cable Tools

-

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

1780' - 1795' Upper Hospah

25. Was Directional Survey Made

No

26. Type 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
8 5/8	23	42'	15 1/4	35 sx Class 'B' + 4% CaCl ₂	-
5 1/2	14	1839'	7 7/8	125 sx Class 'B' + 10% Salt	-

29. LINER RECORD

SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET
NA					2 3/8	1744'	1744'

31. Perforation Record (Interval, size and number)

1780' - 1795' w/2 JSPF

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

DEPTH INTERVAL

NA

AMOUNT AND KIND MATERIAL USED

33. PRODUCTION

Date First ~~XXXXXX~~ Injection Production Method (Flowing, gas lift, pumping — Size and type pump)

8/13/80

Well Status (Prod. or Shut-in)

Injecting

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

Kay J. Kattenbach

TITLE District Engineer

DATE 8/19/80

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 _____	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>543'</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>807'</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>1624'</u>	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. _____

FORMATION RECORD (Attach additional sheets if necessary)

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
543	807	264	Point Lookout				
807	1124	317	Mancos Shale				
1124	1624	500	Hosta				
1624	1778	154	Gallup				
1778	1840	62	Upper Hospah				

