

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

Form C-105  
Revised 1-1-65

NEW MEXICO OIL CONSERVATION COMMISSION  
WELL COMPLETION OR RECOMPLETION REPORT AND LOG

Note: Name changed from State B #86 to  
Hospah Sand Unit #86, Sec. C-104.

5a. Indicate Type of Lease  
State  Fee

5. State Oil & Gas Lease No.  
NM 662

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 \_\_\_\_\_  
Hospah Sand Unit

2. Name of Operator  
Tesoro Petroleum Corporation

9. Well No.  
86

3. Address of Operator  
1776 Lincoln St., Suite 1012, Denver, Colorado 80203

10. Field and Pool, or Wildcat  
Hospah

4. Location of Well  
UNIT LETTER G LOCATED 2310 FEET FROM THE North LINE AND 1650 FEET FROM  
THE East LINE OF SEC. 36 TWP. 18N RGE. 9W NMPM

12. County  
MCKinley

15. Date Spudded 5/1/74 16. Date T.D. Reached 5/6/74 17. Date Compl. (Ready to Prod.) 6/2/74 18. Elevations (DF, RKB, RT, GR, etc.) GL 7144'; KB 7155' 19. Elev. Casinghead 7143'

20. Total Depth 2925' 21. Plug Back T.D. 1836' 22. If Multiple Compl., How Many No 23. Intervals Drilled By Rotary Tools 0-2925 Cable Tools \_\_\_\_\_

25. Was Directional Survey Made  
Tetco

24. Producing Interval(s), of this completion - Top, Bottom, Name  
Perfs: 1816-20' Upper Hospah

27. Was Well Cored  
No

26. Type Electric and Other Logs Run  
SP/IES; GR/BHC Sonic; GR/FDC

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	146'	12 1/4"	100 sx. Class A w/2% Ca. Cl.	0
5 1/2"	14	1860'	7 7/8"	90 sx. Pozmix	0

29. LINER RECORD

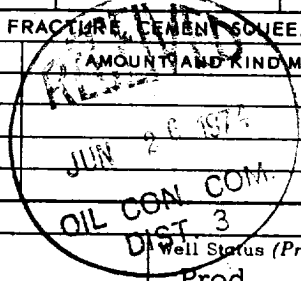
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN

30. TUBING RECORD

SIZE	DEPTH SET	PACKER SET
2 3/8"	1800	No

31. Perforation Record (Interval, size and number)  
Perfs: 1816-20' (.40"-16 holes)

32. ACID, SHOT, FRACTURE, PERMITS SQUEEZE, ETC.  
DEPTH INTERVAL  
AMOUNT AND KIND MATERIAL USED



33. PRODUCTION  
Date First Production 6/2/74 Production Method (Flowing, gas lift, pumping - Size and type pump) Pumping  
Date of Test 6/4/74 Hours Tested 3 Choke Size Swbd. Prod'n. For Test Period → Oil - Bbl. 12 Gas - MCF TSTM Water - Bbl. 24 Gas - Oil Ratio -  
Flow Tubing Press. \_\_\_\_\_ Casing Pressure \_\_\_\_\_ Calculated 24-Hour Rate → Oil - Bbl. 96 Gas - MCF TSTM Water - Bbl. 288 Oil Gravity - API (Corr.) 29.0

34. Disposition of Gas (Sold, used for fuel, vented, etc.)  
TSTM Test Witnessed By D. Collis

35. List of Attachments  
Logs: SP/IES; GR/BHC Sonic; GR/FDC. Deviation Survey. Geologists' Report.

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 L. G. Margaret TITLE District Engineer DATE 6/3/74

**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 <u>Surface 0'</u>	T. Madison _____
T. Queen _____	T. Silurian _____	T. Point Lookout <u>568</u>	T. Elbert _____
T. Grayburg _____	T. Montoya _____	T. Mancos <u>888</u>	T. McCracken _____
T. San Andres _____	T. Simpson _____	T. Gallup <u>1654</u>	T. Ignacio Qtzte _____
T. Glorieta _____	T. McKee _____	Base Greenhorn _____	T. Granite _____
T. Paddock _____	T. Ellenburger _____	T. Dakota <u>2734</u>	T. Hosta <u>1152</u>
T. Blinebry _____	T. Gr. Wash _____	T. Morrison _____	T. Hospah Gallup <u>1815</u>
T. Tubb _____	T. Granite _____	T. Todilto _____	T. Massive Gallup <u>1873</u>
T. Drinkard _____	T. Delaware Sand _____	T. Entrada _____	T. L. Mancos <u>1982</u>
T. Abo _____	T. Bone Springs _____	T. Wingate _____	T. Sanustee <u>2286</u>
T. Wolfcamp _____	T. _____	T. Chinle _____	T. Greenhorn <u>2642</u>
T. Penn. _____	T. _____	T. Permian _____	T. Graneros <u>2676</u>
T. Cisco (Bough C) _____	T. _____	T. Penn. "A" _____	T. Dakota "A" <u>2734</u>
			Dakota "B" <u>2809</u>
			Dakota "D" <u>2860</u>

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

From	To	Thickness in Feet	Formation	From	To	Thickness in Feet	Formation
0	2918	(Corr T.D.)	See Attached Geol. Report				
<u>DST #1</u>			Dakota "D" 2875'-2918'(43')				
			1st Flow(15 min) IFP 25.5 psi FFP 77.7 "				
			Int.S.I. (1 Hr.) ISIP 1075 "				
			2nd Flow (1 Hr.)IFP 45.5 "				
			FFP 42.2 "				
			Final S.I.(1 Hr.) FSIP 1076.5 psi				
			IHP 1613 psi				
			FHP 1535 psi				
			GTS 12 min. 2nd Flow Period;				
			TSTM.				
			Rec. 8' drlg mud.				