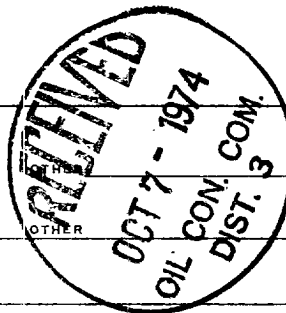


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Form C-105
Revised 1-1-65

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



1a. TYPE OF WELL		OIL WELL ☒ GAS WELL ☐ DRY ☐		5a. Indicate Type of Lease State ☐ Fee ☒	
b. TYPE OF COMPLETION NEW WELL ☒ WORK OVER ☐ DEEPEN ☐		PLUG BACK ☐ DIFF. RESVR. ☐ OTHER ☐		5. State Oil & Gas Lease No.	
2. Name of Operator Tesoro Petroleum Corporation				7. Unit Agreement Name	
3. Address of Operator 1776 Lincoln St. Suite 1012 Denver, Colo. 80203				8. Farm or Lease Name Santa Fe RR	
4. Location of Well UNIT LETTER 0 LOCATED 330 FEET FROM THE South LINE AND 2310 FEET FROM East THE LINE OF SEC. 31 TWP. 18N RGE. 8W NMPM				9. Well No. 31	
15. Date Spudded 11/10/72				10. Field and Pool, or Wildcat Hospah Dakota	
16. Date T.D. Reached 11/27/72		17. Date Compl. (Ready to Prod.) Dry hole		12. County McKinley	
18. Elevations (DF, RKB, RT, GR, etc.) 7079' GL; 7091' KB		19. Elev. Casinghead 7078'			
20. Total Depth 2990'		21. Plug Back T.D. 2840'		23. Intervals Drilled By Rotary Tools 0'-2990'	
22. If Multiple Compl., How Many				24. Producing Interval(s), of this completion - Top, Bottom, Name Perfs. 2799 to 2811 unproductive of oil or gas	
25. Was Directional Survey Made Totco				26. Type Electric and Other Logs Run SP/IES; GR/FDC; GR/BHC Sonic	
27. Was Well Cored No				28. CASING RECORD (Report all strings set in well)	
CASING SIZE		WEIGHT LB./FT.		DEPTH SET	
8 5/8"		24		141'	
5 1/2"		15.5		2986'	
HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED	
12 1/4"		105 sx. Class A w/2% CaCl		0	
7 7/8"		75 sx. Class C & 180 sx.		13 jts. (484')	
		Lt. Wt.			
29. LINER RECORD				30. TUBING RECORD	
SIZE		TOP		BOTTOM	
SACKS CEMENT		SCREEN		PACKER SET	
31. Perforation Record (Interval, size and number) Perfs. 2799'-2811' w/2-0.41" JSPF (open) Perfs. 2849'-59' & 2864'-80' w/2-0.41" JSPF (Blanked off by cement retr. @ 2840')				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL Perfs 2849-2880 Perfs 2799-2811 AMOUNT AND KIND MATERIAL USED 100 gals, 15% MCA; Frac w/ 14,000 gals oil & 6000# sd. 500 gals, 15% MCA; Frac w/ 31,000 gals oil & 20,000# sd.	
33. PRODUCTION Date First Production Dry hole Production Method (Flowing, gas lift, pumping - Size and type pump) Pumped to recover load oil Well Status (Prod. or Shut-in) Shut In 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 Logs: SP/IES; GR/FDC; GR/BHC Sonic - 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 <i>L. C. Marguaret</i>		TITLE District Engineer		DATE 10/2/74	

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	T. Madison
T. Queen	T. Silurian	T. Point Lookout	T. Elbert
T. Grayburg	T. Montoya	T. Mancos	T. McCracken
T. San Andres	T. Simpson	T. Gallup	T. Ignacio Qtzte
T. Glorieta	T. McKee	Base Greenhorn	T. Granite
T. Paddock	T. Ellenburger	T. Dakota	T. Hospah Gallup 1764'
T. Blinebry	T. Gr. Wash	T. Morrison	T. Massive Gallup 1846'
T. Tubb	T. Granite	T. Todilto	T. L. Mancos 1963'
T. Drinkard	T. Delaware Sand	T. Entrada	T. Sanastee 2212'
T. Abo	T. Bone Springs	T. Wingate	T. Greenhorn 2612'
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
0	520	520	Menefee				DST #2
520	815	295	Pt. Lookout	2779	2821	42	Dakota "B"
815	1132	317	U. Mancos				I&FHP 1396 psi.
1132	1638	506	Crevasse Canyon				IFP 39 psi. (15 min)
1638	1764	126	Gallup				ISIP 417 psi. (45 min)
1764	1846	82	Hospah Gallup				FFP 65 psi. (60 min)
1846	1963	117	Massive Gallup				FSIP 365 psi. (90 min)
1963	2212	249	L. Mancos				BHT 94° F
2212	2612	400	Sanastee				rec 5' sli. OCM
2612	2660	48	Greenhorn				
2660	2720	60	Graneros				
2720	2794	74	Dakota 'A'				DST #3
2794	2846	52	Dakota 'B'	2836	2862	26	Dakota 'D'
2846	2943	97	Dakota 'D'				I&FHP 1435 psi.
2943	2990	47	Morrison				IFP 26 psi. (15 min)
			DST #1				ISIP 130.5 psi. (45 min)
1760	1818	58	Hospah Gallup				FFP 25 psi. (60 min)
			I&FHP 847 psi.				FSIP 143.6 (90 min)
			IFP 52-118 psi. (15 min)				rec 6' drlg. mud, N-S.
			ISIP 587 psi. (45 min)				
			FFP 118-300 psi. (60 min)				
			FSIP 574 psi. (90 min)				
			BHT 82° F				
			rec 600' fresh water, trace of oil.				