

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5.**WELL COMPLETION OR RECOMPLETION REPORT AND LOG ***

1a. TYPE OF WELL:		OIL WELL ☒	GAS WELL ☐	DRY ☐	Other ☐	RECEIVED OCT 18 1972 U. S. GEOLOGICAL SURVEY FARMINGTON, N. M.									
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐			DIFF. RESVR. ☐							
2. NAME OF OPERATOR Tesoro Petroleum Corporation															
3. ADDRESS OF OPERATOR 8520 Crownhill, San Antonio, TX 78209															
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*															
At surface		Unit P, 330' FSL and 330' FEL of Sec. 6													
At top prod. interval reported below		Unit P, 330' FSL and 330' FEL of Sec. 6													
At total depth		Unit P, 330' FSL and 330' FEL of Sec. 6													
14. PERMIT NO.				DATE ISSUED		12. COUNTY OR PARISH									
				7-26-72		McKinley									
						13. STATE									
						New Mexico									
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*									
8-9-72		8-16-72		9-8-72		6885' GR 6887' KB									
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY									
2725' KB		2700' Est.		-----		CABLE TOOLS									
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*															
2638 - 2650' Dakota															
26. TYPE ELECTRIC AND OTHER LOGS RUN															
Dual Induction Laterlog and FDC - GR															
25. WAS DIRECTIONAL SURVEY MADE															
Single shot															
27. WAS WELL CORED															
Yes (see attachment)															
28. CASING RECORD (Report all strings set in well)															
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED										
8-5/8"	24	140.6' KB	12-1/4"	100 sacks	None										
5-1/2"	14	2724' KB	7-7/8"	325 sacks	None										
29. LINER RECORD				30. TUBING RECORD											
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)								
					2-3/8"	2648' KB	None								
31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.											
2638 - 2650'				<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> </thead> <tbody> <tr> <td>2638 - 2650'</td> <td>500 gallons of 15% HCL</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	2638 - 2650'	500 gallons of 15% HCL				
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33.* PRODUCTION															
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)									
8-24-72		Pumping				Producing									
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO								
9-18-72	24	----	→	18	TSTM	0	Nil								
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)									
75 psi	160 psi	→	18	TSTM	0	52.0°									
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)						TEST WITNESSED BY									
-----						O'Neal									
35. LIST OF ATTACHMENTS															
Core Analysis and Electric Log															
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records															
SIGNED		TITLE				DATE									
A. H. ...		Mgr. of Prod. Engineering				10-4-72									

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 33.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
	0'	340'	Surface sand, gravel and shale			
	340'	650'	Sand and shaley sand			
	650'	1580'	Shale, sand, and shaley sand			
	1580'	2480'	Shale			
Dakota	2480'	2500'	Hard dense shaley sand			
	2500'	2560'	Shale			
Dakota	2560'	2590'	Hard dense shaley sand			
	2590'	2617'	Shale			
Dakota	2617'	2653'	Hard dense shaley sand			
	2612'	2661'	See Core Analysis			
	2559'	2975'	DST Tool open 10 minutes. IFP 26.7 lb. FFP 26.7 ISIP 983 DST Tool open 60 minutes. IFP 26.7 lb. FFP 26.7 FSIP 850.9 Recovered 4' of drilling mud.			