

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*

(See other in-
structions 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 ☐		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other ☐
2. NAME OF OPERATOR Tesoro Petroleum Corporation						U. S. GEOLOGICAL SURVEY DURANGO, COLO.	
3. ADDRESS OF OPERATOR 608 First State Bank Bldg., Abilene, Texas 79604							
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1850' PAL & 890' PAL Section 29, T22N R3W						OCT 19 1971	
At top prod. interval reported below within tolerance							
At total depth within tolerance							
14. PERMIT NO.						OIL CON. COM. DIST. 3	
15. DATE SPUDDED 20 Aug 71		16. DATE T.D. REACHED 13 Sep 71		17. DATE COMPL. (Ready to prod.) 4 Oct 71		18. ELEVATIONS (OF, RES, RT, GR, ETC.)* 7069 OL, 7051 KB (ref)	
19. ELEV. CASINGHEAD 7069		20. TOTAL DEPTH, MD & TVD 7729 MD		21. PLUG BACK T.D., MD & TVD 4350 MD		22. IF MULTIPLE COMPL., HOW MANY* -	
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Menefee Sand 4328-4372 MD		24. WAS DIRECTIONAL SURVEY MADE Totoo only		25. WAS WELL CORRED No		26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Inclination, Laterolog, Sonic-Gamma Ray, Formation Density	
27. 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#	269 KB	12 1/4"	200 #x reg & 25 #x G12		-0-	
4 1/2"	9.5#	4402 KB	7 7/8"	200 #x Pexidex A		-0-	
28. LINER RECORD							
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	TUBING RECORD		
None					SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2" EUE	4220 KB	4220 KB
31. PERFORATION RECORD (Interval, size and number) Perforated Menefee Sand 4340-4370 2 SPF total 60 shots .41" jet charge				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 4340-4370 4340-4370 4240-70 AMOUNT AND KIND OF MATERIAL USED 1000 gal 15% HC Acid Free 14,000 gal oil & 14,000 gal Sd			
33. PRODUCTION							
DATE FIRST PRODUCTION 4 Oct 71		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) SI for allowable	
DATE OF TEST 11 Oct 71	HOURS TESTED 9	CHOKE SIZE 16/64"	PROD'N. FOR TEST PERIOD →	OIL—BBL. 126	GAS—MCF. 137.592	WATER—BBL. 0	GAS-OIL RATIO 1092
FLOW. TUBING PRESS. 560 psig	CASING PRESSURE 770 psig	CALCULATED 24-HOUR RATE →	OIL—BBL. 336	GAS—MCF. 366.912	WATER—BBL. 0	OIL GRAVITY-API (CORR.) 46.5 @ 60°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) vented and flared during testing						TEST WITNESSED BY Gordon H. Gray	
35. LIST OF ATTACHMENTS Electric logs and bottom hole pressure report forwarded under separate cover							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED Gordon H. Gray		TITLE Project Engineer				DATE 12 Oct 71	

*(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 35.

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, CUSHION USED, 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
Memphisee	3935	4013	DST #1 Miss run	Ojo Alamo	1811	
Memphisee	3940	4013	DST #2 Open 60" Rec 109' mud & 550' MC water, FF 53-107, 60" FSLP 1325	Pictured Cliffs	2186	
Memphisee	4224	4276	DST #3 Miss run	Cliff House	3690	
Memphisee	4326	4276	DST #4 Open 90" CIS 23" Rec 180' Oil & 110' Water, FF 107-133, 60" FSLP 119,500	Memphisee	3763	
Barstons	6013	6124	Water, FF 107-133, 60" FSLP 119,500	Point Lookout	4318	
Dakota	6590	6614	DST #5 Open 60" Rec 4' mud NS, FF 27, SLP 53	Gallup	5362	
Dakota	6614	6670	DST #6 Open 60" Rec 2' mud NS, FF 0, SLP 23	Greenhorn	6332	
Dakota	6670	6726	DST #7 Open 60" Rec 4' mud NS, FPL3, SLP 27	Graneros	6424	
Dakota	6726	6790	DST #8 Open 60" Rec 10' mud NS, FF 26, SLP 60	Dakota	6453	
Dakota	6728		DST #9 Open 120" Rec 860' OG Water, FF 88-328, SLP 2086	Morrison	6802	
			NO CURELS	Todilite	7501	
				Entrada	7574	
				TD	7729	