

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 _____				5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5314	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>Plug & Abandon</u>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
2. NAME OF OPERATOR Tesoro Petroleum Corporation				7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR 1776 Lincoln St., Suite 1012, Denver, Colorado 80203				8. FARM OR LEASE NAME Newcomb Navajo	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 790' FNL & 900' FEL (NE/4; NE/4) At top prod. interval reported below At total depth				9. WELL NO. 1	
14. PERMIT NO.				DATE ISSUED 9/9/74	
15. DATE SPUDDED 9/25/74		16. DATE T.D. REACHED 10/8/74		10. FIELD AND POOL, OR WILDCAT Wildcat	
17. DATE COMPL. (Ready to prod.) 10/9/74 (Dry - P&A)		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 5446' GL		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 14, T24N, R17W	
20. TOTAL DEPTH, MD & TVD 4410'		21. PLUG, BACK T.D., MD & TVD		12. COUNTY OR PARISH San Juan	
22. IF MULTIPLE COMPL., HOW MANY* no		23. INTERVALS DRILLED BY no		13. STATE New Mexico	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*				19. ELEV. CASINGHEAD	
25. TYPE ELECTRIC AND OTHER LOGS RUN SP/IES; BHC/GR; FDC/GR				25. WAS DIRECTIONAL SURVEY MADE Totco	
26. TYPE ELECTRIC AND OTHER LOGS RUN SP/IES; BHC/GR; FDC/GR				27. WAS WELL CORED No	
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"	20#	187' GL	12 1/4"	150 sx. Class A +2% CaCl	
29. LINER RECORD					
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
30. TUBING RECORD					
SIZE	DEPTH SET (MD)	PACKER SET (MD)			
31. PERFORATION RECORD (Interval, size and number)					
ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)			AMOUNT AND KIND OF MATERIAL USED		
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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) Dry Hole	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
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 2 sets of all logs run on well, 1 Geological Well Report					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <u>LC J. Mangano</u>		TITLE <u>District Engineer</u>		DATE <u>10.18/74</u>	

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

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, Federal and/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.), formations, pressure tests, and directional surveys, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form. see item 35.

Section 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.

each accounting interval, each accounting interval is to be separately produced, showing the accounting data pertinent to such interval.

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

FORMATION		TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.			
<u>ELECTRICAL SURVEY CALCULATIONS</u>							
<u>Formation</u>	<u>Depth</u>	<u>R_t</u>	<u>R_w</u>	<u>ϕ_s</u>	<u>ϕ_d</u>	<u>S_w</u>	
Dakota "A"	4186-95	17	.3	13	11	97%	
Dakota "B"	4238-52	16	.3	22	17	100%	
Dakota "D"	4325-30	17	.3	10	10	100%	
Dakota Burro Canyon	4384-90	26		13	12	97%	

ELECTRICAL SURVEY CALCULATIONS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.				NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
<u>ELECTRICAL SURVEY CALCULATIONS</u>										
<u>Formation</u>	<u>Depth</u>	<u>R_t</u>	<u>R_w</u>	<u>φ_s</u>	<u>φ_d</u>	<u>S_w</u>				
Dakota "A"	4186-95	17	.3	13	11	97%	Menefee	Surf.		Same
Dakota "B"	4238-52	16	.3	22	17	100%	Point Lookout	2188'		"
Dakota "D"	4325-30	17	.3	10	10	100%	Upper Mancos	2352'		"
Dakota Burro Canyon	4384-90	26		13	12	97%	Gallup	3130'		"
							Gallup Sand	3328'		"
							Lower Mancos	3474'		"
							Sanastee	3686'		"
							Greenhorn	4102'		"
							Graneros	4140'		"
							Dakota 'A'	4180'		"
							Dakota 'B'	4238'		"
							Dakota 'D'	4294'		"
							Dakota Burro Canyon	4352'		"