

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See 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 _____				5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-5315	
				6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo Tribal	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DSEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other <u>Plug & Abandon</u>				7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Tesoro Petroleum Corporation				8. FARM OR LEASE NAME Tocito Navajo	
3. ADDRESS OF OPERATOR 1776 Lincoln St., Suite 1012, Denver, Colorado 80203				9. WELL NO. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1050' FSL and 895' FWL (SW/4; SW/4) At top prod. interval reported below At total depth				10. FIELD AND POOL, OR WILDCAT Wildcat	
14. PERMIT NO. _____ DATE ISSUED _____				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 22, T25N, R17W	
15. DATE SPEUDED 9/16/74		16. DATE T.D. REACHED 9/28/74		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.) 9/29/74 (Dry)		18. ELEVATIONS (DF, R&B, RT, CR, ETC.)* 5451' GL		12. COUNTY OR PARISH San Juan	
20. TOTAL DEPTH, MD & TVD 4505'		21. PLUG, BACK T.D., MD & TVD		19. ELEV. CASINGHEAD	
22. IF MULTIPLE COMPL., HOW MANY* no		23. INTERVALS DRILLED BY →		24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*	
25. WAS DIRECTIONAL SURVEY MADE Totco		26. TYPE ELECTRIC AND OTHER LOGS RUN SP/IES, Acoustilog, Densilog.		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASINO SIZE 8 5/8"		WEIGHT, LB./FT. 20#		DEPTH SET (MD) 163'	
HOLE SIZE 12 1/4"		CEMENTING RECORD 150 sx. Class A w/2% CaCl		AMOUNT PULLED	
29. LINER RECORD					
SIZE		TOP (MD)		BOTTOM (MD)	
SACKS CEMENT*		SCREEN (MD)		PACKER SET (MD)	
30. TUBING RECORD					
SIZE		DEPTH SET (MD)		PACKER SET (MD)	
31. PERFORATION RECORD (Interval, size and number)					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		DEPTH INTERVAL (MD)			
AMOUNT AND KIND OF MATERIAL USED		OCT 29 1974			
U.S. GEOLOGICAL SURVEY					
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.	
WATER—BBL.		GAS-OIL RATIO		FLOW. TUBING PRESS.	
CASINO 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 and 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 _____		TITLE <u>District Engineer</u>		DATE <u>10/18/74</u>	

*(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 General": 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

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
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ELECTRICAL SURVEY CALCULATIONS

Formation	Depth	R _t	ϕ _s	ϕ _d	R _w	S _w
Dakota "A"	4273-81	17	10%	9%	.65	100%
Dakota "A"	4283-88	28	6%	9%	.65	100%
Dakota "A"	4288-4310	27	10%	10%	.65	100%
Dakota "B"	4361-73	25	10%	5%	.65	100%
Dakota "D"	4390-97	20	12%	7%	1.0	100%
Dakota "D"	4397-4405	20	16%	8%	1.0	100%
Dakota Burro Canyon	4440-50	20	15%	10%	1.0	100%
Dakota Burro Canyon	4450-65	35	14%	10%	1.0	100%

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Cretaceous		
Menefee	Surf.	Same
Point Lookout	2236'	"
Upper Mancos	2434'	"
Gallup	3300'	"
Gallup Sand	3426'	"
Lower Mancos	3546'	"
Sanastee	3782'	"
Greenhorn	4196'	"
Graneros	4234'	"
Dakota 'A'	4272'	"
Dakota 'B'	4324'	"
Dakota 'D'	4384'	"
Dakota Burro Canyon	4443'	"