

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. USA-NM 0550039	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME .	
2. NAME OF OPERATOR Tesoro Petroleum Corporation		7. UNIT AGREEMENT NAME .	
3. ADDRESS OF OPERATOR 408 First State Bank Bldg., Abilene, Texas 79604		8. FARM OR LEASE NAME Quinella	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FNL & 990' FWL, Sec. 31, T23N, R6W At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO.		DATE ISSUED JAN 18 1972	
15. DATE SPUDDED 17 Sep 71		16. DATE T.D. REACHED 26 Oct 71	
17. DATE COMPL. (Ready to prod.) 2 Jan 72		18. ELEVATIONS (OF, REB, RT, GR, ETC.)* 7293 GL 7306 KB	
19. ELEV. CASINGHEAD 7293		10. FIELD AND POOL, OR WILDCAT Wildcat	
20. TOTAL DEPTH, MD & TVD 6698 MD		21. PLUG, BACK T.D., MD & TVD 5732 MD	
22. IF MULTIPLE COMPL., HOW MANY* 1		23. INTERVALS DRILLED BY 0-5698	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Gallup Sand 5582-5680		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DIL, FDC, & BHC		27. WAS WELL CORED Yes	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 3/8"	23#	256	12 1/4"
4 1/2"	10.5#	5815	6 3/4"
CEMENTING RECORD			
170 sx. circ.			
200 sx.			
AMOUNT PULLED			
0			
0			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8"	5650	None	
31. PERFORATION RECORD (Interval, size and number)			
5584-94, 5602-08, 5616-24, 5628-38, 5652-56, and 5670-80, one shot per foot, 1/2" jet			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5652-80		1000 Gal. MCA	
5584-5638		1000 Gal. MCA	
5584-5680		Frac 21000 oil 25000 sand	
33. PRODUCTION			
DATE FIRST PRODUCTION 31 Dec 71	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pump		WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 2 Jan 72	HOURS TESTED 24	CHOKE SIZE -	PROD'N. FOR TEST PERIOD 52
OIL—BBL. 63.44		GAS—MCF. 3	
WATER—BBL. 1220		GAS-OIL RATIO 1220	
FLOW. TUBING PRESS. -	CASING PRESSURE -	CALCULATED 24-HOUR RATE 52	OIL—BBL. 63.44
GAS—MCF. 3		WATER—BBL. 39	
OIL GRAVITY-API (CORR.) 39			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented			
35. LIST OF ATTACHMENTS Logs 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 7 Jan 72

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

U. S. GEOLOGICAL SURVEY
DENVER, COLO.

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 ES			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Point Lookout	4383	4417	DST #1 rec. 450' SOGAMCW FP 109-218, 60" FSIP 1307	Koa	1520	
Gallup	5492	5517	Core #1 rec. 9' sh	Kpc	2143	
Gallup	5566	5623	Core #2 rec. 20' sh, 37' sand	Kch	3723	
Dakota	5660	5698	Core #3 rec. 5' sh 31' sd, 2' sh	Kpl	4426	
Gallup	5469	5623	DST #2 rec. 55' mud SIP 160	Kmc	4571	
Dakota	5566	5698	DST #3 miss-run, packer stuck	Kg	5395	
				Kgh	6396	
				Kgr	6458	
				Kd	6504	
				TD	6698	