

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. NM 052931	
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 Suite 2000, 633 17th St., Denver, Colorado 80202		8. FARM OR LEASE NAME Hanson	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1600' FSL, 330' FEL Sec. 6, T17N, R8W At top prod. interval reported below Same as above At total depth Same as above		9. WELL NO. 24	
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Hospah Dakota 'D' Extension	
DATE ISSUED		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 6, T17N, R8W	
15. DATE SPUDDED 7/29/73		12. COUNTY OR PARISH McKinley	
16. DATE T.D. REACHED 8/3/73		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.)		19. ELEV. CASINGHEAD 6859'	
18. ELEVATIONS (DF, R&B, RT, GR, ETC.)* 6860' GL; 6872' KB		20. TOTAL DEPTH, MD & TVD 2657'	
21. PLUG, BACK T.D., MD & TVD 2443'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS 0-2657'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* To be used for future waterflood Inj. in U. Hospah 1554'-1567'		CABLE TOOLS No	
25. WAS DIRECTIONAL SURVEY MADE Totco		26. TYPE ELECTRIC AND OTHER LOGS RUN SP/IES; GR/FDC; Cmt. Bond Log	
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"		24	
100'		12 1/4"	
100 sx. Cl. 'A' + 2% CaCl ₂			
5 1/2"		14	
2657'		7 7/8"	
250 sx. Cl. 'C'			
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"			
31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
2625'-30' w/4JSPF (20 shots) Cmt. Sqzd.		Depth Interval (MD)	
2608'-15' w/2JSPF (14 shots) Cmt. Sqzd.		Amount and Kind of Material Used	
1554'-61' w/2JSPF (14 shots) Cmt. Sqzd.		2625'-30' Frac w/10,000gal. YFGO & 9000# 10-20 sd.	
1553'-67' w/2JSPF (8 shots) Cmt. Sqzd.		sqzd. w/75sx. Cl. 'A'	
1580'-85' w/2JSPF (10 shots)		2608'-15' Sqzd. w/25sx. cmt. PBTD 2443'	
		1554'-67' Sqzd. w/75sx. cmt. Drld. out.	
33.* PRODUCTION		WELL STATUS (Producing or shut-in)	
Date First Production		Production Method (Flowing, gas lift, pumping—size and type of pump) Well Temp. Abdn.; to be used for water injection in future.	
Date of Test		Hours Tested	
Choke Size		Prod'n. for Test Period	
Oil—BBL.		Gas—MCF.	
Water—BBL.		Gas—Oil Ratio	
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 Logs: SP/IES; GR/FDC; Deviation Survey	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records		SIGNED <u>LC Marguaret</u> TITLE District Engineer DATE 2/10/75	

*(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
Upper Hospah	1554'	1567'	S.S. Drill 23-27% I.P.P. 30 BWPD RW 1.7 @ 80F	Menefee	Surface	Same
Upper Hospah	1580'	1585'	S.S. Drill 21% I.P.P. 15 BWPD	T/Pt. Lookout	282'	"
Dakota 'D'	2608'	2615'	S.S. Drill 22% I.P.P. 3/4 BLO + 17 BWPD	T/Mancos	540'	"
Dakota 'D'	2625'	2630'	S.S. Drill 22% I.P. Swbd. dry.	T/Hosta	865'	"
				T/Gallup	1366'	"
				T/Hospah Gallup	1512'	"
				T/U. Hospah	1554'	"
				T/Massive Gallup	1598'	"
				T/Dakota 'A'	2460'	"
				T/Dakota 'B'	2542'	"
				T/Dakota 'D'	2594'	"