

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 _____		
b. TYPE OF COMPLETION:		NEW WELL ☒	WORK OVER ☐	DEEP-EN ☐	PLUG BACK ☐	DIFF. RESVR. ☐	Other _____
2. NAME OF OPERATOR Amerada Petroleum Corporation						5. LEASE DESIGNATION AND SERIAL NO. Tribal #150	
3. ADDRESS OF OPERATOR Box 1469, Durango, Colorado						6. IF INDIAN, ALLOTTEE OR TRIBE NAME Havasilla Apache	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990' FHL & 990' FHL, Sec. 9, T23N, R22N, Rio Arriba County, New Mexico, Southeast Lindrith Area At top prod. interval reported below At total depth						7. UNIT AGREEMENT NAME	
14. PERMIT NO.						8. WELL NO. 2	
DATE ISSUED						9. FIELD AND POOL, OR WILDCAT South Blanco-Pictured C.	
15. DATE SPUDDED 6/26/64						10. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 9, T23N, R22N, 10MPN Southeast Lindrith Area	
16. DATE T.D. REACHED 6/30/64						11. COUNTY OR PARISH Rio Arriba	
17. DATE COMPL. (Ready to prod.) 7/7/64						12. STATE New Mex.	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* GR 7248', DF 7257'						13. ELEV. CASINGHEAD 7248'	
20. TOTAL DEPTH, MD & TVD 3120 TD		21. PLUG BACK T.D., MD & TVD 3089'		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY 0-3120'	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Pictured Cliffs 3080'-24, 3030'-34' and 3037'-42'						25. WAS DIRECTIONAL SURVEY MADE None	
26. TYPE ELECTRIC AND OTHER LOGS RUN Ind. ES, Gamma-Ray, Neutron & Density						27. WAS WELL CORED	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8"		24.6		135'		12 1/2"	
4-1/2"		9.56		3119'		6-3/4"	
						CEMENTING RECORD	
						100 mx Bag.	
						100 mx Class "C"	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PICKER SET (MD)			
2-3/8"		3017'		None			
31. PERFORATION RECORD (Interval, size and number)							
3080'-24, 3030'-34' & 3037'-42'							
Schlumberger perf. w/2 crack jet shots per foot.							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
3080'-24, 3030'-34' & 3037'-42'				40,000# 20/40 Sand, 35,710 gals. water w/ 4# FR-8 per 1000 gals. water			
33.* PRODUCTION							
DATE FIRST PRODUCTION 7/7/64		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Shut In	
DATE OF TEST 7/20/64		HOURS TESTED 4		CHOKE SIZE 3/4"		PROD'N. FOR TEST PERIOD →	
FLOW. TUBING PRESS. 300#		CASING PRESSURE 760#		CALCULATED 24-HOUR RATE →		OIL—BBL. -	
						GAS—MCF. 3,297 daily rate	
						WATER—BBL. -	
						OIL GRAVITY-API (CORR.) -	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Waiting on gas sales connection						TEST WITNESSED BY D. H. Powell	
35. LIST OF ATTACHMENTS None							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED D. H. Powell		TITLE Foreman		DATE 7/23/64			

* (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	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			LAND-WELLS - 2022		
			Ojo Alamo	2630'	
			Kirtland-Fruit-		
			land	2840'	
			Pictured Cliffs	3012'	