

Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ RE-DRILL ☐ DEEP LENSER ☐ OTHER ☐				7. UNIT AGREEMENT NAME			
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ RE-DRILL ☐ DEEP LENSER ☐ OTHER ☐				8. FARM OR LEASE NAME Cavalcade "21" Federal			
3. NAME OF OPERATOR Cavalcade Oil Corporation				9. WELL NO. 4			
4. ADDRESS OF OPERATOR P. O. Box 16187, Lubbock, TX 79490				10. FIELD AND POOL, OR WILDCAT Querreocho Plains - Queen			
5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 400' FSL & 660 FSL At top prod. interval reported below At total depth				11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T18S, R32E			
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPOOLED 10/04/85		16. DATE T.D. REACHED 10/12/85		17. DATE COMPL. (Ready to prod.) 10/20/85		18. ELEVATIONS (DF, RKB, RT, CR, ETC.)* 3750.8 GL	
19. TOTAL DEPTH, MD & TVD 4225'		20. PLUG BACK T.D., MD & TVD 4156'		21. IF MULTIPLE COMPL., HOW MANY*		22. INTERVALS DRILLED BY ROTARY TOOLS 0-4225'	
23. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4096 - 4130' (Penrose Sand)						24. WAS DIRECTIONAL SURVEY MADE No	
25. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LMT, DLL/MSFL, CBL						26. WAS WELL CORED No	
27. CASING RECORD (Report all strings set in well)							
CASING SIZE		WRIGHT, LB./FT.		DEPTH FEET (MD)		HOLE SIZE	
8 5/8"		23#		420'		12 1/4"	
6 1/2"		9.5#		4220'		7 7/8"	
						CEMENTING RECORD	
						250 sx Class "C" w/2% CaCl ₂	
						860 sx "Lite" + 300 sx Poz "C"	
						AMOUNT PULLED	
28. LINER RECORD				30. TUBING RECORD			
SIZE		TOP (MD)		BOTTOM (MD)		PACKER (MD)	
2 3/8"		4040'		4040'		4040'	
31. TEMPERATURE RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
4096-4102' - 2 SPT				DEPTH INTERVAL (MD)			
4108-4130' - 2 SPT				AMOUNT AND KIND OF MATERIAL USED			
Total 56 holes				4096-4130 3000 gal NEPE Acid			
33. PRODUCTION							
DATE FIRST PRODUCTION 10/27/85		PRODUCTION METHOD (Flowing gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 10/26/85		HOURS TESTED 24		CHARGE BILL 19/64		PERIOD FOR TEST PERIOD 7	
OIL—BBL 50#		GAS—MCF 0		WATER—EBL 0		GAS-OIL RATIO 4,285/1	
OIL GRAVITY-API (CCRB.) 30°		OIL GRAVITY-API (CCRB.) 30°		OIL GRAVITY-API (CCRB.) 30°		OIL GRAVITY-API (CCRB.) 30°	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold to Phillips Petroleum Company				TEST WITNESSED BY Mike Mooney			
35. LIST OF ATTACHMENTS Deviation Survey, N.M. Form C-164				OCT 30 1985			
36. I hereby certify that the foregoing and attached information is complete and correct as extracted from all available records							
SIGNATURE [Signature]				TITLE Drig. & Prod. Manager			
				DATE 10/22/85			

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

18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statement and or representations as to any matter within its jurisdiction.

38. SUMMARY OF POROUS ZONES (Show all important zones of porosity and contents thereof; cored intervals; and all well-logs, tests, including depth interval tested, cushion used, flowing and shut-in pressures, and recoveries)				GEOLOGIC MARKERS			
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		TRUE VERT. DEPTH
					MEAS. DEPTH		
Seven Rivers	3288'	3315'	Dolomite, white, very fine to finely crystalline, very anhydrite, sucroscopic in part, trace vuggy porosity.	Ruslter	1090'		
Queen	3844'	3890'	Sandstone, light grey, white, red, very fine, consolidated, subrounded to sub-angular, traces of coarse large clear frosted quartz grains, very dolomitic, very anhydritic.	Salt Tansil Yates	1213' 2475' 2752'		
Penrose	4088'	4130'	Sandstone, light gray, white, red, very fine to fine grained, consolidated, subrounded to subangular, some unconsolidated very fine, grained, friable, traces of coarse large clear frosted quartz grains, very dolomite, very anhydrite.	Seven Rivers Queen Penrose	3134' 3844' 4088'		

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