

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
MEXICO 88240

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ (X) ☐		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. CENVR ☐ Other ☐		7. UNIT AGREEMENT NAME	
2. NAME OF OPERATOR Cavalcade Oil Corporation		8. FARM OR LEASE NAME Cavalcade "21" Federal	
3. ADDRESS OF OPERATOR P. O. Box 16187, Lubbock, TX 79490		9. WELL NO. 5	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements). At surface 1650' FSL & 1800' FEL At top prod. interval reported below At total depth 1650' FSL & 1800' FEL		10. FIELD AND POOL, OR WILDCAT Undesignated	
14. PERMIT NO. 4-4-85		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 21, 18S, 32E	
15. DATE SPUDDED 10/14/85		12. COUNTY OR PARISH Lea	
16. DATE T.D. REACHED 10/21/85		13. STATE New Mexico	
17. DATE COMPL. (Ready to prod.)		19. ELEV. CASINGHEAD	
18. ELEVATIONS (DP, RKB, RT, GB, ETC.) 3754.4 GR		20. ELEV. CASINGHEAD	
21. TOTAL DEPTH, MD & TVD 4225'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY 0-4225'		24. ROTARY TOOLS CABLE TOOLS	
25. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*		26. WAS DIRECTIONAL SURVEY MADE Yes	
27. TYPE ELECTRIC AND OTHER LOGS RUN CDL/CNS, DLL/MSFL		28. WAS WELL CORED No	
29. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8"	23#	415'	12 1/4"
CEMENTING RECORD		AMOUNT PULLED	
250 sx Class "C" + 2% CaCl ₂		2	
30. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SCREEN (MD)
31. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
32. PERFORATION RECORD (Interval, size and number)			
33. ACID, SHOT, FRACTURE CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
34. PRODUCTION RECORD (Interval, size and number)			
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
No Production		WELL STATUS (Producing or shut-in)	
DATE OF TEST		HOURS TESTED	
CHOKE SIZE		PROD'N. FOR TEST PERIOD	
OIL—BSL.		WATER—BSL.	
GAS—BSL.		GAS-OIL RATIO	
FLOW. TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BSL.	
GAS—MCF.		WATER—BSL.	
OIL GRAVITY-API (CORR.)		GAS GRAVITY-API (CORR.)	
35. DISPOSITION OF GAS (Bold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
36. LIST OF ATTACHMENTS			
Logs Enclosed			
37. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>[Signature]</i>		TITLE Vice President - Land	
DATE 01/31/86			

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

17. 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.
Seven Rivers	3138'	3319'	Dolomite, white, very fine crystalline, anhydrite.
Queen	3846'	3892'	Sandstone, light grey, very fine, very dolomite and anhydritic.
Penrose	4089'	4125'	Sandstone, light grey, white, red, fine grained, consolidated, very anhydritic.

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1095'	
Salt	1215'	
Tansil	2478'	
Yates	2755'	
Seven Rivers	3138'	
Queen	3846'	
Penrose	4089'	

RECEIVED

FEB -5 1986

C.C.D.
HOBBS OFFICE