

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

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 ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other _____

2. NAME OF OPERATOR

Cavalcade Oil Corporation

3. ADDRESS OF OPERATOR

P.O. Box 16187, Lubbock, TX 79490

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 660' FSL & 1650' FEL

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

15. DATE SPUDDED 9/23/84 16. DATE T.D. REACHED 10/31/84 17. DATE COMPL. (Ready to prod.) 12/6/84 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3778.6' KE 19. ELEV. CASINGHEAD 3760.6'

20. TOTAL DEPTH, MD & TVD 10,980' 21. PLUG, BACK T.D., MD & TVD 10,914 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY ROTARY TOOLS 0-10,980' CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 10,758-10,808' (Wolfcamp) 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN CNL/LDT, DLL/MSFL, CBL 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
13 3/8"	54.5#	405'	17 1/2"	420 sx. circ to surface	0
8 5/8"	24# - 32#	4175'	11"	2550 sx. circ to surface	0
5 1/2"	17 #	10,980'	7 7/8"	1100 sx. T/cmt @ 5600'	0

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE DEPTH SET (MD) PACKER SET (MD)
					2 7/8" 10,885'

31. PERFORATION RECORD (Interval, size and number)

10,758-769', 773-777', 780-784',
10,788-792', 796-808' w/2 shots/ft.
Total 75 shots

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
10,758-10,808'	13,000 gal DGA 220 (20% HCL)
	16,000 gal Waterfrac 40 and
	11,900 gal CO ₂

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)					WELL STATUS (Producing or shut-in)	
11/10/84		Pumping					Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO	
12/6/84	24		→	173	284	0	1641/1	
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)		
100#	50#	→	173	284	0	42.0° API		

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Will be sold to Phillips Petroleum

35. LIST OF ATTACHMENTS

Deviation Survey

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED William R. Crow TITLE Exploration Manager DATE 12/07/84

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

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, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Bone Springs	7146'	7175'	Oil & Gas (Tight): DST #1 (7104-7182') Open tool 1 hr. 15 min., rec 30' DM, ISIP 444#, FP 61-87#, FSIP 201#, HP 3213-3215#.	Rustler	1093'	
				Salt	1216'	
				Tansil	2475'	
				Yates	2755'	
				Seven Rivers	3132'	
				Queen	3851'	
				Penrose	4098'	
				Grayburg	4384'	
				San Andres	4509'	
				Delaware	4632'	
				Bone Spring	6922'	
				1st Bone Spring		
				Sand	8357'	
				2nd Bone Spring		
				Sand	9212'	
				3rd Bone Spring		
				Sand	9832'	
				Wolfcamp	10,250'	
Wolfcamp	10,564'	10,594'	Oil & Gas: DST #2 (10,531-10,592') Open tool 1 hr. 45 min., rec 50' oil and 5050' DM. Mis-run ISIP 3445#, FP 722-1713#, FSIP 4252#, HP 5120-5158#.			
Wolfcamp	10,758'	10,809'	Oil & Gas: DST #3 (10,763-10,792') Open tool 1 hr. 30 min., rec. 71' oil and 5060' GCM. Mis-run. ISIP 5268#, FP 830-1586#, FSIP 5263#, HP 5270-5236#.			
			Oil & Gas: DST #4 (10,763-10,792') Open tool 2 hr. 30 min., rec. 1000' water blanket and 1296' oil w/ trace of mud. ISIP 5196#, FP 554-804#, FSIP 5130#, HP 5202-5218#.			

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