

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

N.M. Oil Conservation Division
1st Street
Artesia, NM 88210-2834
February 28, 1995
5. LEASE DESIGNATION AND SERIAL NO.
NM 88210-2834

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

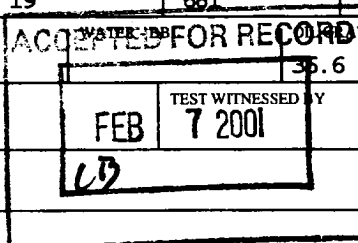
1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☒ DIFF. RESVR ☐ Other _____			7. UNIT AGREEMENT NAME		
2. NAME OF OPERATOR ARCO Permian			8. FARM OR LEASE NAME, WELL NO. BARCLAY FEDERAL 1		
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702 915-688-5570			9. API WELL NO. 30-015-24954		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660' FSL & 1980' FWL At top prod. interval reported below At total depth			10. FIELD AND POOL, OR WILDCAT LIVINGSTON RIDGE (DEL)		
14. PERMIT NO.			DATE ISSUED		13. STATE NM
15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.) 3-2-99	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3495' GR		19. ELEV. CASINGHEAD
20. TOTAL DEPTH MD & TVD 15,500	21. PLUG BACK T.D. MD & TVD 11,449	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS X	CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 6,172 - 7,707 (DELAWARE)					25. WAS DIRECTIONAL SURVEY MADE
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED N

28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8	48	792	17-1/2	CIRC	NA
10-3/4	45.5	4520	12-1/4	CIRC	NA
7-5/8	33.7	12,600	9-1/2	4100 TS	NA

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
4-1/2	12,233	15,388	550		2-7/8	6,547	

31. PERFORATION RECORD (Interval, size and number) 7,707 - 6,854 (13 SPF) 6,508 - 6,480 (1 SPF) 6,306 - 6,302 (6 SPF) 6,188 - 6,172 (9 SPF)	32. ACID SHOT, FRACTURE CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 14,244 12,233 7,707-6,854 6,508 - 6,480 AMOUNT AND KIND OF MATERIAL USED PKR PLUG 14097-13947w/150' CMT RMP'D 100' CMT PLUG @ 11649-11549 ACID w/1000, FRAC w/105000# SD ACIDw/1000, FRACw/29000gls68500#SD
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33.* PRODUCTION		WELL STATUS (Producing or shut-in) PRODUCING	
DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) PUMPING		
DATE OF TEST 3-10-99	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →
FLOW TUBING PRESS.	CASING PRESSURE 180	CALCULATED 24-HOUR RATE →	OIL - BBL. 16
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD		GAS - MCF. 19	
35. LIST OF ATTACHMENTS		WATER - BBL. 681	
		GAS - OIL RATIO 35.6	



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

SIGNED

TITLE REGULATORY COMPLIANCE ANALYST

DATE 1-29-01

*(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, time tool open, flowing and shut-in pressures, and recoveries):

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
WOLFCAMP	12150	12173	POROSITY ZONE	LAMAR	4506	(-989')
"	12732	12735	"	BONE SPRING	8349	(-4832')
ATOKA	13717	13723	"	WOLFCAMP	11649	(-8132)
MORROW	14402	14414	"	STRAWN	13304	(-9787')
MORROW	14601	14605	"	ATOKA	13469	(-9952')
"	14642	14652	"	MORROW	14026	(-10509')
"	14818	14833	"			
DELAWARE	4530					

JAN 20 1991