

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG\*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. NM-22090	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/> Other <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ARCO Permian		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702		8. FARM OR LEASE NAME, WELL NO. BARCLAY FEDERAL 9	
4. LOCATION OF WELL. (Report location clearly and in accordance with any State requirements)* At surface 660' FSL, 1980' FEL At top prod. interval reported below At total depth		9. API WELL NO. 30-015-29787	
14. PERMIT NO. MAR 1998 RECEIVED OCD - ARTESIA		10. FIELD AND POOL, OR WILDCAT LIVINGSTON RIDGE (DEL)	
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 1-T23S, R31E		12. COUNTY OR PARISH EDDY	
13. STATE NM		18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3505'	
15. DATE SPUDDED 12/15/97	16. DATE T.D. REACHED 12/29/97	17. DATE COMPL. (Ready to prod.) 1/24/98	19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 8390	21. PLUG, BACK T.D., MD & TVD 8338	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY ROTARY TOOLS CABLE TOOLS
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 8067-8217, 8280-8311			25. WAS DIRECTIONAL SURVEY MADE N
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	845	17-1/2	CIRC	NA
8-5/8	32	4470	11	CIRC	NA
5-1/2	17	8390	7-7/8	3700' CALC	NA

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-7/8	8083

31. PERFORATION RECORD (Interval, size and number) 8067-8217 (1 SPF) 8280-8311 (1 SPF)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 8062-8217 8280-8311 AMOUNT AND KIND OF MATERIAL USED 2M GAL 15% 27M VIKI-30: 64M #SD 2M GAL 15% 22M VIKI-30: 43M #SD	
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33. PRODUCTION							
DATE FIRST PRODUCTION 1/27/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) PUMPING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 2/3/98	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL. 32	GAS - MCP. MAR 03 1998	WATER - BBL. 400	GAS - OIL RATIO
FLOW. TUBING PRESS. 300	CASING PRESSURE 100	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCP.	WATER - BBL.	OIL GRAVITY - API (CORR.) 45.6	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD						TEST WITNESSED BY	

35. LIST OF ATTACHMENTS	
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	
SIGNED <u>Elizabeth A. Cashe</u>	TITLE <u>REGULATORY COMPLIANCE</u> DATE <u>2/17/98</u>

\*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			SEE MUDLOG

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
TOP DELAWARE BORE SPRING	4518 NOT REACHED	4518