

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"/> Other _____		7. UNIT AGREEMENT NAME	
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 _____		8. FARM OR LEASE NAME, WELL NO BARCLAY FEDERAL 11	
2. NAME OF OPERATOR ARCO Permian		9. API WELL NO. 30-015-30063 91	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702		10. FIELD AND POOL, OR WILDCAT LIVINGSTON RIDGE (DEL)	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 760' FNL, 660' FEL At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-T23S-R31E	
14. PERMIT NO.		DATE ISSUED	
15. DATE SPUDDED 10-13-99		16. DATE T.D. REACHED 10-27-99	
17. DATE COMPL. (Ready to prod.) 11/9/99		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3499'	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8450'	
21. PLUG, BACK T.D., MD & TVD 8403		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS X	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* SEE ATTACHED		25. WAS DIRECTIONAL SURVEY MADE N	
26. TYPE ELECTRIC AND OTHER LOGS RUN GAMMA RAY, CPN		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
13-3/8	48	858	17-1/2
8-5/8	32	4440	11
5-1/2	17	8450	7-7/8
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
ACCEPTED FOR RECORD			
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-7/8	7504		
31. PERFORATION RECORD (Interval, size and number) SEE ATTACHED			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
SEE ATTACHED			
33.* PRODUCTION			
DATE FIRST PRODUCTION 11-9-99	PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) PUMPING		WELL STATUS (Producing or shut-in) PRODUCING
DATE OF TEST 11/22/99	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE →	OIL - BBL. 230
			GAS - MCF. 130
			WATER - BBL. 378
			GAS - OIL RATIO 565
			OIL GRAVITY - API (CORR.) 36.6
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 Laurie Cherry		TITLE REGULATORY COMPLIANCE	
		DATE 12/10/99	

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

Title 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 statements or representations as to any matter within its jurisdiction.

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
DELAWARE	4515					
BONE SPRING	8410					

