

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE\*

FORM APPROVED

OMB NO. 1004-0137

Expires: February 28, 1995

DESIGNATION AND SERIAL NO.

N.M. II Cons. Division  
811 S. 1st Street  
Artesia, NM 88210-2834

## 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 21		
2. NAME OF OPERATOR ARCO Permian			9. API WELL NO 30-015-30766		
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702 915-688-5532			10. FIELD AND POOL, OR WILDCAT S. LIVINGSTON RIDGE (DEL)		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' ENL & 1980' FWL At top proc. interval reported below			11. SEC. T. R. M. OR BLK AND SURVEY OR AREA 1-23S-31E		
(ORIG. SGD.) GARY GOURLEY			14. PERMIT NO. 9/3/99		12. COUNTY OR PARISH EDDY
15. DATE SPUNDED 2/25/00		16. DATE T.D. REACHED 3/15/00	17. DATE COMPLETION (Ready to produce) 4/1/00	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3496' GR	13. STATE NM
20. TOTAL DEPTH, MD & TVD 8480'		21. PLUG BACK T.D., MD & TVD 8434'	22. IF MULTIPLE COMPLET., 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 CEN-GR, GR, CMR-ADVISOR					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	895	17-1/2	CIRC w/700 sx	NA
8-5/8	32	4460	11	CIRC w/1300 sx	NA
5-1/2	17 & 15.5	8480'	7-7/8	2395' TS	NA

29. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	7719	

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	
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33. PRODUCTION							
DATE FIRST PRODUCTION 4/2/00		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) PUMPING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 4/4/00	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL 121	GAS - MCF 63	WATER - BBL 558	GAS - OIL RATIO 521
FLOW TUBING PRESS 90	CASING PRESSURE 95	CALCULATED 24-HOUR RATE →	OIL - BBL	GAS - MCF	WATER - BBL	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	TITLE	DATE
Elizabeth A. Coker	REGULATORY COMPLIANCE ANALYST	2/1/01

(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.

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
DELAWARE	4550					
BOE SPRING	8425					