

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
Artesia, NM 88210-2834

FORM APPROVED
OMB NO. 1004-0137
Expires: February 28, 1995

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____		5. LEASE DESIGNATION AND SERIAL NO. LC065478A					
1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESRV ☐ Other _____		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 1089, Eunice, NM 88231		8. FARM OR LEASE NAME, WELL NO. West Redlake 4 Fed 3					
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface C. 990' FNL & 2310' FNL At top prod. interval reported below		9. API WELL NO. 30-015-30134					
14. PERMIT NO.		10. FIELD AND POOL, OR WILDCAT Redlake Queen Grbg SA					
DATE ISSUED		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4-18S-27E					
15. DATE SPUDDED 06/19/98		12. COUNTY OR PARISH Eddy					
16. DATE T.D. REACHED 06/24/98		13. STATE NM					
17. DATE COMPL. (Ready to prod.) 08/02/98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*					
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 2320					
21. PLUG, BACK T.D., MD & TVD 2278		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)* 1729-2192 San Andres		25. WAS DIRECTIONAL SURVEY MADE NO					
26. TYPE ELECTRIC AND OTHER LOGS RUN C-P-N-L		27. WAS WELL CORED NO					
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		
8-5/8	24	1105	11	360 sx. circ			
5-1/2	15.5	2326	7-7/8	500 sx. circ			
LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	1750	
31. PERFORATION RECORD (Interval, size and number) 1729-2192, 1 SPI, 55 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 1729-2192* AMOUNT AND KIND OF MATERIAL USED See Attached Detail			
33. PRODUCTION DATE FIRST PRODUCTION 08/04/98 PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping DATE OF TEST 08/17/98 HOURS TESTED 24 CHOKE SIZE PROD'N. FOR TEST PERIOD OIL - BBL. 66 GAS - MCF. 80 WATER - BBL. 207 GAS - OIL RATIO 1212 FLOW. TUBING PRESS. 52 CASING PRESSURE 52 CALCULATED 24-HOUR RATE OIL - BBL. GAS - MCF. WATER - BBL. OIL GRAVITY - API (CORR.)				WELL STATUS (Producing or shut-in) producing TEST WITNESSED BY			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold				35. LIST OF ATTACHMENTS C-P-N-L			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records SIGNED: Kevin H. Munnish TITLE: Administrative Assistant DATE: 08/17/98							

*(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):

38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
Seven Rivers	0	272				
Yates	273	606				
Queen	607	798				
Grayburg	799	1207				
Premier	1208	1406				
San Andres	1407	1438				
Top San Andres	1439	1716				
Bottom San Andre	1717	2206				
Porosity Zones	1900	2380				