

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

c15F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		1b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		2. NAME OF OPERATOR ARCO Permian		3. ADDRESS AND TELEPHONE NO. P.O. Box 1089, Eunice, NM 88231 505-394-1649		5. LEASE DESIGNATION AND SERIAL NO. NM22080		6. IF INDIAN, ALLOTTEE OR TRIBE NAME		7. UNIT AGREEMENT NAME		8. FARM OR LEASE NAME, WELL NO. Barclay Federal 8		9. API WELL NO. 30-015-29786		10. FIELD AND POOL, OR WILDCAT S. Livingston Ridge Delaware		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 12-23S-31E		12. COUNTY OR PARISH Eddy		13. STATE NM			
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface E. 1980 FNL & 660 FWL At top prod. interval reported below		14. PERMIT NO.		DATE ISSUED		15. DATE SPUDDED 07/20/98		16. DATE T.D. REACHED 08/05/98		17. DATE COMPL. (Ready to prod.) 08/17/98		18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3506'		19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 8450		21. PLUG, BACK T.D., MD & TVD 8357		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)* 6585-7533' Delaware		25. WAS DIRECTIONAL SURVEY MADE No		26. TYPE ELECTRIC AND OTHER LOGS RUN Array Induction Micro-CFL/GR, Comp Neutron/GR		27. WAS WELL CORED No																					
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		885		17-1/2		700 sxs. circ 90 sxs																			
8-5/8		32		446		11		1400 sxs. circ 141 sxs																			
5-1/2		17. 15.5		8448		7-7/8		875 sxs. circ 50 sx to surf																			
29. LINER RECORD																											
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*		SCREEN (MD)		30. TUBING RECORD								PACKER SET (MD)									
										2-7/8								7213									
31. PERFORATION RECORD (Interval, size and number) 6585-6590', 2 SPF, 58 holes																											
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.																											
DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED																											
6585-6590' See Attached Detail																											
33.* PRODUCTION																											
DATE FIRST PRODUCTION 08/20/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping										WELL STATUS (Producing or shut-in) producing															
DATE OF TEST 08/25/98		HOURS TESTED 24		CHOKE SIZE		PROD'N. FOR TEST PERIOD →		OIL - BBL. 230		GAS - MCF. 130		WATER - BBL. 720		GAS - OIL RATIO 565													
FLOW. TUBING PRESS. 300		CASING PRESSURE 70		CALCULATED 24-HOUR RATE →		OIL - BBL.		GAS - MCF.		WATER - BBL.		OIL GRAVITY - API (CORR.) 41.5															
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold																											
35. LIST OF ATTACHMENTS Array Induction Micro-CFL/GR, Comp Neutron/GR																											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records																											
SIGNED Kerrie D. Murrell		TITLE Administrative Assistant																									
DATE 08/26/98		BLM																									

*(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, flowing and shut-in pressures, and recoveries):					38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
				Delaware	4464		
				Bone Spring	8356		