

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. District

311 S. 1st
SUBMIT IN DUPLICATE(See 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 _____				5. LEASE DESIGNATION AND SERIAL NO. NM-22080	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ 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 1610, Midland, TX 79702 915-688-5570				8. FARM OR LEASE NAME, WELL NO. BARCLAY FEDERAL 3	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 660°FSL, 660°FEL At top prod. interval reported below At total depth				9. API WELL NO. 30-015-20694	
14. PERMIT NO.				DATE ISSUED 6-19-97	
15. DATE SPUDDED 11/27/97				16. DATE T.D. REACHED 12/11/97	
17. DATE COMPL. (Ready to prod.) 1/14/98				18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3507'GR	
20. TOTAL DEPTH, MD & TVD 8465				21. PLUG, BACK T.D., MD & TVD 8421	
22. IF MULTIPLE COMPL., HOW MANY*				23. INTERVALS DRILLED BY →	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 6718-6838, 7106-7112, 7373-7524, 8225-8367				25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR - MUD LOG				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	4465	11	CIRC	NA
5-1/2	17	8465	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)
					2-3/8	6734

31. PERFORATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
8225-8367 1 SPF		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
7373-7524 1 SPF		8225-8367	1500 GAL 15% [#] ; 21000 GAL VIK 1-30 [#] ; 43000 [#] SD
7106-7112 1 SPF		7373-7524	1000 GAL 15% [#] ; 18000 GAL VIK 1-30 [#] ; 38000 [#] SD
6718-6838 1SPF		7106-7112	500 GAL 15% [#] ; 12000 GAL VIK 1-30 [#] ; 29000 [#] SD
		6718-6838	1000 GAL 15% [#] ; 12000 GAL VIK 1-30 [#] ; 43000 [#] SD

33.* PRODUCTION							
DATE FIRST PRODUCTION 1/20/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) PUMPING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 1/25/98	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL. 96	GAS - MCF. 40	WATER - BBL. 240	GAS - OIL RATIO 417
FLOW. TUBING PRESS.	CASING PRESSURE 100	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.) 45.6	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) SOLD	35. LIST OF ATTACHMENTS
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36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records	SIGNED <u>Elizabeth H. Cashe</u> TITLE <u>REGULATORY COMPLIANCE</u> DATE <u>1/29/98</u>
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* (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 ENCLOSED MUDLOG

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
TOP DELAWARE	4535	4535