

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLIC.

(See other in-
structions on
reverse side)

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

C/S F

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other ☐		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other ☐		8. FARM OR LEASE NAME, WELL NO. LAGO ROSA "4" 5 FEDERAL	
2. NAME OF OPERATOR ARCO Permian		9. API WELL NO. 30-015-30234	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1610, Midland, TX 79702 915-688-5570		10. FIELD AND POOL, OR WILDCAT EMPIRE Red Lake (YES) Glar, eta - yes	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1550' FSL, 1115' FWL At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 4-18S-27E	
14. PERMIT NO.		DATE ISSUED 5-4-98	
15. DATE SPUDDED 5/29/98		16. DATE T.D. REACHED 6/7/98	
17. DATE COMPL.(Ready to prod.) 7/11/98		18. ELEVATIONS (DF, RKE, RT, GR, ETC.)* 3540'	
19. ELEV. CASINGHEAD		12. COUNTY OR PARISH EDDY	
13. STATE NM		20. TOTAL DEPTH, MD & TVD 3800	
21. PLUG, BACK T.D., MD & TVD 3778		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)* 2879-3171 (YESO)		25. WAS DIRECTIONAL SURVEY MADE N	
26. TYPE ELECTRIC AND OTHER LOGS RUN		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
8-5/8	24	1155	11	CIRC	NA
5-1/2	15.5	3800	7-7/8	CIRC	NA

29. LINER RECORD				30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	DEPTH SET (MD)	PACKER SET (MD)
					2-7/8	2917

31. PERFORATION RECORD (Interval, size and number) 2879-3171	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. DEPTH INTERVAL (MD) 2879-3171 AMOUNT AND KIND OF MATERIAL USED FRAC W/ 2400 GAL 15%; 53000 GAL LINEAR GEL; 126000 #SD
---	--

33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD ☒ Flowing, gas lift, pumping - size and type of pump ☒ PUMPING				WELL STATUS (Producing or shut-in) PRODUCING	
DATE OF TEST 7/13/98	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL 14	GAS - MCF. 29	WATER - BBL 500	GAS - OIL RATIO 2071
FLOW. TUBING PRESS. 80	CASING PRESSURE 80	CALCULATED 24-HOUR RATE →	OIL - BBL	GAS - MCF.	WATER - BBL	OIL GRAVITY - API (CORR.) 40.2	
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 <i>Elizabeth L. Cashe</i>	TITLE REGULATORY COMPLIANCE	DATE 7/29/98

*(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):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
PREMIER SAND	1355	1390	SANDSTONE	BOWERS	556	
SAN ANDRES	1662	2174	DOLomite	QUEEN	751	
GLORIETA	2764	2866	SANDSTONE	GRAYBURG	1162	
0	2870	3155	DOLomite	PREMIER	1355	
				SAN ANDRES	1390	
				GLORIETA	2764	
				YESO	2870	

38. GEOLOGIC MARKERS