

**UNITED STATES
DEPARTMENT OF THE INTERIOR**
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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 _____		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR ☐ Other <u>Downhole Commingle</u>		8. FARM OR LEASE NAME, WELL NO. Redlake 3 Federal 2	
2. NAME OF OPERATOR ARCO Permian		9. API WELL NO. 30-015-29802	
3. ADDRESS AND TELEPHONE NO. P.O. Box 1089, Eunice, NM 88231 505-394-1649		10. FIELD AND POOL, OR WILDCAT Redlake Queen Grbg SA	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface E, 2005' FNL & 990' FWL At top prod. interval reported below At total depth		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 3-18S-27E	
14. PERMIT NO. 123456789		12. COUNTY OR PARISH Eddy	
15. DATE SPUDDED		13. STATE NM	
16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.) 02/16/99	
18. ELEVATIONS (DF, RLB, RT, GR, ETC.)* 3567'		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 3600		21. PLUG, BACK T.D., MD & TVD 3566	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)* 1856-2328' (San Andres), 3150-3360' (Yeso)		25. WAS DIRECTIONAL SURVEY MADE	
26. TYPE ELECTRIC AND OTHER LOGS RUN		27. WAS WELL CORED	

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	1115	11	circ	na
5-1/2	15.5	3600	7-7/8	circ	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	3302	

31. PERFORATION RECORD (Interval, size and number) 1856-2328', 1 JSPF, 47 holes				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
				DEPTH INTERVAL (MD)			
				AMOUNT AND KIND OF MATERIAL USED			
				1856-2328'			
				Pmp 2000 gals 15% NEFE, Frac			
				w/5000 gals Viking I-25, 120,000#			
				20/40 brown & 5000# 20/20 resin			
				coated sand.			

33.* PRODUCTION							
DATE FIRST PRODUCTION 02/16/99		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 02/23/99	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL - BBL. 65	GAS - MCF. 104	WATER - BBL. 232	GAS - OIL RATIO 1600
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL - BBL.	GAS - MCF.	WATER - BBL.	TESTED FOR REL. PERM. (CORR.) PETER W. O'NEILL	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
sold

35. LIST OF ATTACHMENTS
none

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Kenneth D. Munnish

TITLE

Administrative Assistant

DATE

04/20/99

*(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.	<table border="1"> <tr> <th data-bbox="232 512 261 783">NAME</th> <th colspan="2" data-bbox="232 304 261 512">TOP</th> </tr> <tr> <th data-bbox="261 342 321 512"></th> <th data-bbox="261 342 321 512">MEAS. DEPTH</th> <th data-bbox="261 342 321 512">TRUE VERT. DEPTH</th> </tr> <tr> <td data-bbox="321 342 1539 512"></td> <td data-bbox="321 342 1539 512"></td> <td data-bbox="321 342 1539 512"></td> </tr> </table>	NAME	TOP			MEAS. DEPTH	TRUE VERT. DEPTH			
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RECEIVED
 MAR 21 1963
 U.S. GEOLOGICAL SURVEY