

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

clsf

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other <input type="checkbox"/>		Oil Cons. Division 1 S. 1st Street Alhambra, NM 88200-2834		7. UNIT AGREEMENT NAME	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR <input type="checkbox"/>				8. FARM OR LEASE NAME, WELL NO. Vermillion 3 Federal 13	
2. NAME OF OPERATOR ARCO Permian				9. API WELL NO. 30-015-30154	
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 F, 1650' FNL & 1750' 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.		DATE ISSUED		12. COUNTY OR PARISH Eddy	
13. STATE NM					
15. DATE SPUDDED 07/02/98	16. DATE T.D. REACHED 07/07/98	17. DATE COMPL. (Ready to prod.) 08/05/98	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3575' GL		19. ELEV. CASINGHEAD
20. TOTAL DEPTH, MD & TVD 2450	21. PLUG, BACK T.D., MD & TVD 2399	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)* 1878-2350' San Andres					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN C-P-N-L					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
3-5/8	24	1115	11	360 sx. circ to surf	
5-1/2	15.5	2450	7-7/8	400 sx. circ 20 sx	

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	1879'	

31. PERFORATION RECORD (Interval, size and number)				32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
1878-2350', 1 SPI, 55 holes				DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
				1878-2350'	See Attached Detail

ACCEPTED FOR RECORD
SEP 21 1998
(ORIG. SGD.) LES BABYAK
BLM

33.* PRODUCTION							
DATE FIRST PRODUCTION 08/07/98		PRODUCTION METHOD (Flowing, gas lift, pumping - size and type of pump) pumping				WELL STATUS (Producing or shut-in) producing	
DATE OF TEST 08/19/98	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD →	OIL - BBL. 60	GAS - MCF. 20	WATER - BBL. 233	GAS - OIL RATIO 3883
FLOW. TUBING PRESS. 70	CASING PRESSURE 70	CALCULATED 24-HOUR RATE →	OIL - BBL.	GAS - MCF.	WATER - BBL.	OIL GRAVITY - API (CORR.) 40.3	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) sold						TEST WITNESSED BY	

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 <u>Kellie D. Muenich</u>	TITLE <u>Administrative Assistant</u>
DATE <u>08/25/98</u>	

*(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	MEAS. DEPTH	TOP TRUE VERT. DEPTH
				Seven Rivers	330	
				Yates	651	
				Queen	856	
				Grayburg	1348	
				Premier	1533	
				San Andres	1576	
				San Andres Poro	1872	
				B. San Andres Por	2357	