

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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 _____		
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"/>	Other _____
2. NAME OF OPERATOR ARCO Oil and Gas Company						5. LEASE DESIGNATION AND SERIAL NO. NM-052	
3. ADDRESS OF OPERATOR P.O. Box 1610, Midland, Texas 79702						6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2240' FNL & 2030' FWL (Unit F) At top prod. interval reported below as above At total depth as above						7. UNIT AGREEMENT NAME	
14. PERMIT NO. 30-025-29517						8. FARM OR LEASE NAME Mescalero Ridge Unit 35	
DATE ISSUED						9. WELL NO. 18	
15. DATE SPUDDED 12-6-85						10. FIELD AND POOL, OR WILDCAT Pearl Queen	
16. DATE T.D. REACHED 1-5-86						11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA 35-19S-34E	
17. DATE COMPL. (Ready to prod.) 2-8-86						12. COUNTY OR PARISH Lea	
18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3724.8 KB						13. STATE NM	
20. TOTAL DEPTH, MD & TVD 5250		21. PLUG. BACK T.D., MD & TVD 5206		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY ROTARY TOOLS 0-5250	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 4880-4936 Penrose 4576-4753 Queen						25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN GR-CNL-LDT, GR-DLL-MSFL						27. WAS WELL CORRED No	
28. CASING RECORD (Report all strings set in well)							
CASINO SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
8-5/8		24		1812		12-1/4	
5-1/2		15.5		5250		7-7/8	
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8		4596					
31. PERFORATION RECORD (Interval, size and number)							
4880-4936. 1/2" 1 JSPF - 7 holes							
4576-4753. 1/2" 1 JSPF - 14 holes							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
4880-4936				A w/2500 gals. Frac w/15000 gals & 30,000# 20/40 sd.			
4576-4753				A w/5000 gals. Frac w/34,000 gal. & 79,000# 20/40 sd.			
33.* PRODUCTION							
DATE FIRST PRODUCTION 2-8-86		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping - 1-3/4"				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 2-12-86	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 25	GAS—MCF. 12	WATER—BBL. 299	GAS-OIL RATIO 480
FLOW. TUBING PRESS. 50	CASING PRESSURE 50	CALCULATED 24-HOUR RATE	OIL—BBL. 25	GAS—MCF. 12	WATER—BBL. 299	OIL GRAVITY-API (CORR.) 37.0	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold						TEST WITNESSED BY Don Johnson	
35. LIST OF ATTACHMENTS GR-CNL-LDT, GR-DLL-MSFL							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records 915-684-0312							
SIGNED <u>Ken G. Gosnell</u>		TITLE <u>Engr. Tech. Spec.</u>				DATE <u>2-14-86</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	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Yates Queen Penrose	3658 4564 4932	

RECEIVED
 FEB 17 1986
 O.C.
 HOBBS OFFICE