

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____

b. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____

2. NAME OF OPERATOR
ARCO Oil and Gas Company, A Division of Atlantic Richfield

3. ADDRESS OF OPERATOR
P.O. Box 1610, Midland, Texas 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 990' FSL & 1850' FWL (Unit Letter N)

At top prod. interval reported below as above

At total depth as above

RECEIVED

DEC 15 1986

BUREAU OF LAND MANAGEMENT

14. PERMIT NO. FARMINGTON RESOURCE AREA
30-039-24072

10. FIELD AND POOL, OR WILDCAT
Gavilon Gallup/Dakota

11. SEC. T. R., M., OR BLOCK AND SURVEY OR AREA

13-25N-3W

12. COUNTY OR PARISH
Rio Arriba

13. STATE
New Mexico

15. DATE SPUNDED 10-9-86 16. DATE T.D. REACHED 10-29-86 17. DATE COMPL. (Ready to prod.) 12-7-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 7237 RKB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 8170 21. PLUG, BACK T.D., MD & TVD 8163 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-8160 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8104-8134 Dakota "C"

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN

DIL/SFL/SP, FDC/CNL/GR/Cal, CBL/VDL/GR/CCL

27. WAS WELL CORRED
No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
9-5/8	36	769	12-1/4	400 sx - TOC Circ 1/2 C.F.	
5-1/2	23	8170	8-3/4	1950 sx in 3 stages 3/4 C.F.	
				DV @ 5862' & 3585'	

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	8083	

31. PERFORATION RECORD (Interval, size and number)

8104-8134

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8104-8134	A w/2500 gals. Frac w/81,900 gals, 110,000# sd & 25,350# propanit

33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-22-86		Swab Test				Producing	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-23-86	10			15	Good Show	120 BLW	---
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY (CORR.)	
			36	NA	288		

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

Vented

35. LIST OF ATTACHMENTS

Logs as listed in item #26

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

SIGNED Ken W. Hosnell TITLE Engr. Tech. Spec.

*(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
				Ojo Alamo	3394	
				Kirtland	3467	
				Fruitland	3558	
				Pictured Cliffs	3664	
				Lewis	3779	
				Cliffhouse	5322	
				Menefee	5446	
				Point Lookout	5850	
				Upper Mancos	5982	
				Gallup	6889	
				Lower Mancos	7628	
				Greenhorn	7840	
				Graneros	7907	
				Dakota "A"	7948	
				Dakota "B"	8016	
				Dakota "C"	8060	
				2nd Bench	8100	
				Total Depth	8162	