

**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  GAS WELL  DRY  Other \_\_\_\_\_

b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RENVR.  Other \_\_\_\_\_

2. NAME OF OPERATOR: ARCO Oil & Gas Company

3. ADDRESS OF OPERATOR: Box 1610, Midland, TX 79702

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface: 1095 FNL & 1740 FEL (Unit Letter **H**)  
At top prod. interval reported below: **B**  
At total depth: \_\_\_\_\_

5. LEASE DESIGNATION AND SERIAL NO.: SF 078510

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: \_\_\_\_\_

7. UNIT AGREEMENT NAME: \_\_\_\_\_

8. FARM OR LEASE NAME: Blanco

9. WELL NO.: 2

10. FIELD AND POOL, OR WILDCAT: Basin Fruitland Coal

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: 5-31N-8W

12. COUNTY OR PARISH: San Juan

13. STATE: NM

14. PERMIT NO.: 30-045-27523

15. DATE SPUDDED: 11-14-89

16. DATE T.D. REACHED: 11-16-89

17. DATE COMPL. (Ready to prod.): 1-12-90

18. ELEVATIONS (DF, RKB, RT, GR, ETC.): 6558 GR 6571 KB

19. ELEV. CASINGHEAD: \_\_\_\_\_

20. TOTAL DEPTH, MD & TVD: 3548

21. PLUG BACK T.D., MD & TVD: 3502

22. IF MULTIPLE COMPLETIONS, LIST INTERVALS DRILLED BY: \_\_\_\_\_

23. INTERVALS DRILLED BY: \_\_\_\_\_

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*: 3210-3424 Fruitland Coal

25. WAS DIRECTIONAL SURVEY MADE: NO

26. TYPE ELECTRIC AND OTHER LOGS RUN: ZDL/CNL/GR/Cal

27. WAS WELL CORED: NO

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8	24	502	12 1/4	325 sx B - Circ	
5 1/2	15.5	3547	7 7/8	700 sx B - Circ	

**29. LINER RECORD**

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

**30. TUBING RECORD**

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2 7/8	3202	3161

**31. PERFORATION RECORD (Interval, size and number)**

3402-3424	.69	4 SPF
3304-3324	.69	4 SPF
3351-3358	.69	4 SPF
3210-3241	.69	4 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3402-3424	Frac w/45903 gals & 127716# sd
3304-3358	Frac w/110880 gals & 277700# sd
3210-3241	Frac w/63656 gals & 161825# sd

**33. PRODUCTION**

DATE FIRST PRODUCTION: 4-6-90

PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump): Gas Lift

WELL STATUS (Producing or shut-in): Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4-6-90	24	OPEN	→	0	681	519	NA

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
240	490	→	0	681	519	Gas 0.550

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

35. LIST OF ATTACHMENTS: \_\_\_\_\_

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

SIGNED: Ken W. Gosnell TITLE: Regulatory Coordinator DATE: 4/26/90

\*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

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
				Ojo Alamo	2010	
				Kirtland	2075	
				Fruitland	3080	

38. GEOLOGIC MARKERS