

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions 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 _____		5. LEASE DESIGNATION AND SERIAL NO. SF 078480	
b. TYPE OF COMPLETION: NEW WELL ☐ WORK OVER ☐ DEEPEN ☐ PLUG BACK ☒ DIFF. CENVR. ☒ Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR ARCO Oil & Gas Company		7. UNIT AGREEMENT NAME	
3. ADDRESS OF OPERATOR Box 1610, Midland, TX 79702		8. FARM OR LEASE NAME Hammond WN Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 990 FNL & 1650 FWL (Unit Letter C) At top prod. interval reported below At total depth		9. WELL NO. 4	
14. PERMIT NO. 30-045-11873		12. COUNTY OR PARISH San Juan	
DATE ISSUED		13. STATE NM	
15. DATE SPUDDED 12-26-89	16. DATE T.D. REACHED 2-2-90	17. DATE COMPL. (Ready to prod.) 2-2-90	18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 5962 GR
20. TOTAL DEPTH, MD & TVD 2200	21. PLUG BACK T.D., MD & TVD 2090	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 1866-2068 Fruitland Coal			25. WAS DIRECTIONAL SURVEY MADE NO
26. TYPE ELECTRIC AND OTHER LOGS RUN			27. WAS WELL CORED NO
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
8 5/8	25.65	96	70 SX
5 1/2	15.5	2200	150 SX
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 7/8	1862	1821	
31. PERFORATION RECORD (Interval, size and number)			
2050-2068 .69" 4SPF			
1866-1880 .69" 4SPF			
1910-1932 .69" 4SPF			
1954-2010 .69" 4SPF			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
2050-2068		Frac w/41,496 gals&108200#sd	
1866-2010		Frac w/93,996 gals&306260#sd	
2106-2164		Isolated w/CIBP @2090	
33. PRODUCTION			
DATE FIRST PRODUCTION 2-22-90		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Gas Lift	
WELL STATUS (Producing or shut-in) Producing			
DATE OF TEST 2-22-90	HOURS TESTED 24	CHOKE SIZE OPEN	PROD'N. FOR TEST PERIOD →
OIL—BBL. 0	GAS—MCF. 10	WATER—BBL. 20	GAS-OIL RATIO NA
FLOW. TUBING PRESS. 50	CASING PRESSURE 700	CALCULATED 24-HOUR RATE →	OIL GRAVITY-API (CORR.) .550
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			
35. LIST OF ATTACHMENTS CBL's			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from these records			
Mineral Resources			
Fruitland Coal Field			
3-7-90			
SIGNED <u>Ken W. Lott</u>		TITLE <u>Engr. Tech. 915 688</u>	

*(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
Formation A	1266					

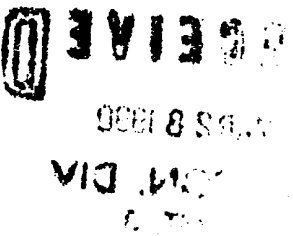
38. GEOLOGIC MARKERS

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION

Hammond Well Fed #4

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38. GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Ojo Alamo Kirtland Fruitland Coal Pictured Cliff	0415 0730 1860 2100	