

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

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

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

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
At surface 1190' FSL & 790' FEL  
At top prod. interval reported below As above.  
At total depth As above.

RECEIVED

MAY 05 1986

BUREAU OF LAND MANAGEMENT  
FARMINGTON RESOURCE AREA

5. LEASE DESIGNATION AND SERIAL NO.  
NM 0546  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
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7. UNIT AGREEMENT NAME  
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8. FARM OR LEASE NAME  
Maddox WN Federal  
9. WELL NO.  
1E  
10. FIELD AND POOL, OR WILDCAT  
Basin Dakota  
11. SEC. T. R. M. OR BLOCK AND SURVEY OR AREA  
13-30N-13W

14. PERMIT NO. 30-045-26616 DATE ISSUED 11-27-85

12. COUNTY OR PARISH  
San Juan 13. STATE  
NM

15. DATE SPUDDED 12-4-85 16. DATE T.D. REACHED 12-16-85 17. DATE COMPL. (Ready to prod.) 1-17-86 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)\* 5884' GL 19. ELEV. CASINGHEAD  
20. TOTAL DEPTH, MD & TVD 6857' 21. PLUG, BACK T.D., MD & TVD 6771' 22. IF MULTIPLE COMPL., HOW MANY\* --- 23. INTERVALS DRILLED BY --- ROTARY TOOLS 0'-6857' CABLE TOOLS  
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*  
6466'-6674' Dakota 25. WAS DIRECTIONAL SURVEY MADE  
No  
26. TYPE ELECTRIC AND OTHER LOGS RUN  
GR-DIL, GR-FDC-CNL-Ca1, GR-CBL-CCL 27. WAS WELL CORRED  
No

29. 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	504'	12-1/4"	350 sx - Circ to Surf	
4-1/2"	11.6	6857'	7-7/8"	745 sx - Circ to 4717'	
				1130 sx - Circ 4717' to Surf.	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-3/8"	6456'	

31. PERFORATION RECORD (Interval, size and number)

6660'-6674' (15 holes)  
6466'-6587' (37 holes)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
<u>6660'-6674'</u>	<u>A w/1722 gal. Frac w/79,000 gal &amp; 34,300# sd.</u>
<u>6466'-6587'</u>	<u>A w/3500 gal. Frac w/70,500 gal &amp; 90,000# sd.</u>

33.\* PRODUCTION

DATE FIRST PRODUCTION 1-17-86 PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing WELL STATUS (Producing or shut-in) Shut-In

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
<u>1-31-86</u>	<u>3</u>	<u>11/64"</u>	<u>---</u>	<u>0.0</u>	<u>92</u>	<u>4.0</u>	<u>NA</u>

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
<u>1655</u>	<u>1990</u>	<u>---</u>	<u>0.0</u>	<u>697</u>	<u>32.0</u>	<u>NA</u>

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)  
Vented TEST WITNESSED BY Gail Bearden

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 David Corjine TITLE Oper. Analyst DATE 4-21-86

\*(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
				Base Ojo	558	
				Fruitland	1772	
				Pictured Cliffs	1982	
				Lewis	2162	
				Cliff House	3580	
				Menefee	3752	
				Point Lookout	4350	
				Upper Mancos	4565	
				Gallup	5640	
				Lower Mancos	6160	
				Greenhorn	6354	
				Graneros	6410	
				Dakota A	6460	
				Dakota B	6536	
				Dakota C	6594	
				Dakota D	6732	
				Morrison	6808	