

**UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT**

SUBMIT IN DUPLICATE

FORM APPROVED
OMB NO. 1001-0137
Expires: February 28, 1995

N.M. MILITONS. COMMISSION
P.O. BOX 1980
HOBBES, NEW MEXICO 88240

LEASE DESIGNATION AND SERIAL NO.

NM 77087

IF INDIAN, ALLOTTEE OR TRIBE NAME

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1. TYPE OF WELL: OIL WELL GAS WELL DRY Other Dec 13 8 55 AM '93

7. UNIT AGREEMENT NAME

2. TYPE OF COMPLETION: NEW WELL WORK OVER DEEPEN PLUG BACK DIFF. DENVR Other GA

8. FARM OR LEASE NAME, WELL NO.

AEC "29" Federal #1

3. NAME OF OPERATOR
ARMSTRONG ENERGY CORPORATION

9. API WELL NO.

30-D25-32191

4. ADDRESS AND TELEPHONE NO.

P.O. Box 1973, Roswell, New Mexico 88202-1973 623-8726

10. FIELD AND POOL, OR WILDCAT

Wildcat Delaware

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

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

Sec. 29 T20S R34E

At surface 660' FSL & 990' FEL

At top prod. interval reported below 8440'

At total depth 8850'

12. COUNTY OR PARISH

Lea

13. STATE

NM

15. DATE SPUDDED 09-23-93	16. DATE T.D. REACHED 10-19-93	17. DATE COMPL. (Ready to prod.) 11-07-93	18. ELEVATIONS (OF. RKB, RT, OB, ETC.)* 3708.2'	19. SLEV. CASINGHEAD 3704'
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20. TOTAL DEPTH, MD & TVD 8850'	21. PLUG, BACK T.D., MD & TVD 8802'	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →	ROTARY TOOLS X	CABLE TOOLS
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24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
8440'-8590' Delaware

25. WAS DIRECTIONAL SURVEY MADE
No

26. TYPE ELECTRIC AND OTHER LOGS RUN
CNL DLL

27. WAS WELL CORED
Sidewall

CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
20" J55	94#	500'	26"	700 sx-Surf-Circ	None
13 3/8" J55	68#	3490'	17 1/2"	3100 sx-Surf-Circ	None
8 5/8" S&J	32#	5317'	11"	2 Stg. Total 1050sx-TOC 2800'	None
5 1/2" J,N-80	15.5#, 17#	8850'	7 7/8"	2 Stg. Total 825sx-TOC 4500'	4500'

28. LINER RECORD				30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PREPARATION RECORD (Interval, size and number)		32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
		DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8570'-8590'	20 Holes - .4"	8570'-8590'	3000 gal 7.5% NEFE Acid
8440'-54'	15 Holes - .4"	8440'-54'	20000 gal frac 50,000# 20/40 Sand
		8440'-54'	1500 gal 7.5% Acid

33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-07-93		Pumping				P & A'	
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
11-08-93	24	2"	→	0	0	240	0
FLOW TUBING PUMPL.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
20#	20#	→	0	0	240	N/A	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
None

TEST WITNESSED BY
Tommy Scroggin

ACCEPTED FOR
(ORIG. SGD.) DAVID R. GLASS
16 1993

35. LIST OF ATTACHMENTS

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

SIGNED [Signature] TITLE Operations Supervisor DATE 12-10-93

*(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-stems, 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
				Rustler	1600'	Log
				Sacado	1820'	Log
				Yates	3570'	Log
				7-Rivers	4025'	Log
				Delaware	5550'	Log
				Bone Springs	8635'	Log

38.

GEOLOGIC MARKERS