

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. LEASE DESIGNATION AND SERIAL NO.
LC - 030181(2)

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

b. TYPE OF COMPLETION:
NEW ☒ WORK ☐ DEEPEN ☐ PLUG ☐ DIFF. ☐ OTHER ☐
WELL OVER BACK RESVR

2. NAME OF OPERATOR
ARMSTRONG ENERGY CORPORATION

3a. Area Code & Phone No.
505-623-8726

3. ADDRESS OF OPERATOR
P. O. BOX 1973
ROSWELL, NEW MEXICO 88202-1973

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) *
At surface 2310' FSL 660' FEL
At top prod. interval reported below
At total depth

8. FARM OR LEASE NAME
H. G. Moberly "A" Federal

9. WELL NO.
#3

10. FIELD AND POOL, OR WILDCAT
Rhodes

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 8, T26S-R37E

9a. API Well No.
30-025-34135

14. PERMIT NO.
DATE ISSUED

12. COUNTY OR PARISH
Lea

13. STATE
New Mexico

15. DATE SPUNDED
02-04-98

16. DATE T.D. REACHED
02-13-98

17. DATE COMPL. (Ready to prod.)
01-21-99

18. ELEVATIONS (DF, RKB, RT, GR, ETC.) *
2978'
2672' GR

19. ELEV. CASING HEAD
2978'
2670'

20. TOTAL DEPTH, MD & TVD
4000'

21. PLUG BACK T.D., MD & TVD
3945'

22. IF MULTIPLE COMPL., HOW MANY *

23. INTERVALS DRILLED BY
ROTARY TOOLS
CABLE TOOLS
X

24. PRODUCING INTERVAL(S) OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD) *
7 Rivers

25. WAS DIRECTIONAL SURVEY MADE
NO

26. TYPE ELECTRIC AND OTHER LOGS RUN
Comp. Neutron, Density, Gamma Ray, Caliper. Dual Laterolog, Micro Log: CBL

27. WAS WELL CORED
Sidewall Only

CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
14"	48 Lb.	40'	22"	Surf. W/ Ready Mix	-
8 5/8"	24 Lb.	1026'	12 1/4"	Surf., 590 SX, Circ. 45 SX	-
5 1/2"	15.5 Lb.	3998'	7 7/8"	1st Stg. 320 SX	-
				2nd. Stg. Squeeze, 380 SX, TOC 900'	-

LINER RECORD				TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT *	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

PERFORATION RECORD (Interval, Size and Number)		ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.	
3308', 09, 10, 47, 48, 49, 66, 3436, 37, 38, 38.5	11 Holes	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
All behind CIBP @ 3293'		3308' - 3438.5'	2500 Gal. Acid, 17,400 Gal. FRAC, 30,000# CIBP @ 3293'
3141', 3143, 3146, 3147, 3148, 3191, 3192, 3193	8 Holes	3141' - 3193'	2500 Gal. Acid, 8,400 Gal. FRAC
			12,000 # SD.

33. *
DATE FIRST PRODUCTION
01-21-99

PRODUCTION METHOD (Flowing, Gas Lift, Pumping - size and type of pump)
Pumping

WELL STATUS (Producing or Shut-In)
Producing

DATE OF TEST
01-21-99

HOURS TESTED
24

CHOKE SIZE
2"

PROD'N FOR TEST PERIOD
3 TSTM

OIL - BBL.
GAS - MCF.
WATER - BBL.
GAS - OIL RATIO
3 BLW
N/A

FLOW. TUBING PRESS.
CASING PRESSURE
CALCULATED 24 - HOUR RATE

OIL - BBL.
GAS - MCF.
WATER - BBL.
OIL GRAVITY - API (CORR)
Not Tested Yet.

34. DISPOSITION OF GAS (Sold, Used for Fuel, Vented, etc.)
Vented - TSTM

TEST WITNESSED BY
Booser Armstrong

35. LIST OF ATTACHMENTS
Cement Bond Log

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

SIGNED [Signature] TLE Consultant BLM DATE 01-29-99

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

GEOLOGIC MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP		
					MEAS. DEPTH	TRUE VERT. DEPTH	
Yates Sand -	2894' 2972'	2900' 2980'	Sandstone with Mudlog & Sidewall Core shows.	Top Anhydrite	1020'	1020'	
Seven Rivers -	3146'	3148'		Top Yates SD.	2827'	2827'	
	3190'	3194'		Top Seven Rivers	3060'	3060'	
	3306'	3312'					
	3346'	3350'		Top Queen	3363'	3363'	
Queen -	3364'	3368'					
	3444'	3446'					
<div>ACQUISITION CONTINUED</div> <div>1020' - 1020'</div>							