

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE \*

(See other instructions on reverse side)

FORM APPROVED  
OMB NO. 1004-0137  
Expires: February 28, 1995

## WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/>				5. LEASE DESIGNATION AND SERIAL NO. NMLC 030187	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/>				6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Arch Petroleum Inc.				7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. 10 Desta Drive, Suite 420E Midland, Texas 79705				8. FARM OR LEASE NAME, WELL NO. C. E. Lamunyon #68	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 10' FNL and 330' FWL Unit D At top prod. interval reported below				9. API WELL NO. 30-025-34254	
14. PERMIT NO.				DATE ISSUED 12/16/97	
12. COUNTY OR PARISH Lea County				13. STATE NM	
15. DATE SPUDDED 12/17/97		16. DATE T.D. REACHED 01/06/98		17. DATE COMPL. (Ready to prod.) 03/31/98	
18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3290' GR		19. ELEV. CASINGHEAD 3305'			
20. TOTAL DEPTH, MD & TVD 5950'		21. PLUG, BACK T.D., MD & TVD 5929'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY →		ROTARY TOOLS X		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 5073-5086, 5110-5116, 5135-5144 Teague Paddock Blinebry				25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN DLL, DSL, DSN, CBL				27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)					
CASING SIZE/GRADE		WEIGHT, LB./FT.		DEPTH SET (MD)	
8-5/8		23#		1105'	
5-1/2		15.5#		5950'	
				HOLE SIZE 12-1/4"	
				7-7/8"	
				TOP OF CEMENT, CEMENTING RECORD 150 sx Class C - Surface	
				850 sx Class C and 500 sx 50/50 Poz Circulated to Surface	
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		5175			
31. PERFORATION RECORD (Interval, size and number) 5073-5086' - 13 shots - 2 JSPF 5110-5116' - 6 shots - 2 JSPF 5135-5144' - 2 JSPF					
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.					
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED			
5135-5144		500 gals 15% acid			
5110-5116		500 gals 15% acid			
5073-5086		200 gals 15% Acetic Acid			
33. * PRODUCTION					
DATE FIRST PRODUCTION 04/01/98		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Producing
DATE OF TEST 04/15/98		HOURS TESTED 24		CHOKE SIZE	
FLOW. TUBING PRESS. 45		CASING PRESSURE 450		CALCULATED 24-HOUR RATE	
OIL---BBL. 25		GAS---MCF. 101		WATER---BBL. 105	
OIL GRAVITY-API (CORR.) 37.9					
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					
35. LIST OF ATTACHMENTS Inclination Report, C-104, Logs					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED Robert S. McCarley		TITLE Technical Administrator		DATE 05/06/98	

\*(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.
Penrose	3350	3500	Gas shows in porous dolomites
San Andres	4270	320	Lost circulation zone in dolomites
San Andres	4600	60	Oil and Gas show in dolomite
Glorieta	4930	5100	Oil and Gas shows in vugular porosity in dolomites
Paddock	5100	5200	Oil and Gas shows in vugular porosity in dolomites
Blaine	5310	5860	Oil and Gas shows in vugular porosity in dolomites

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Rustler	1023		Blaine	5277	
Top of Salt	1138				
Base of Salt	2350				
Yates	2524				
7 Rivers	2774				
Penrose	3358				
Grayburg	3527				
San Andres	3775				
Glorieta	4928				
Paddock	5100				