

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLIC.

(See other in-  
structions 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"/> Other <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 (915) 685-1961		8. FARM OR LEASE NAME, WELL NO. C. E. Lamunyon #63Y	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements) At surface 1421' FNL and 1341' FWL (Unit F) At top prod. interval reported below 1420 1340 At total depth		9. API WELL NO. 30-025-34153	
14. PERMIT NO.		DATE ISSUED 07/25/97	12. COUNTY OR PARISH Lea
15. DATE SPUDDED 07/26/97		16. DATE T.D. REACHED 08/11/97	13. STATE NM
17. DATE COMPL. (Ready to prod.) 08/24/97		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3290'GR	
19. ELEV. CASINGHEAD		20. TOTAL DEPTH, MD & TVD 5940'	
21. PLUG, BACK T.D., MD & TVD 5914'		22. IF MULTIPLE COMPL., HOW MANY*	
23. INTERVALS DRILLED BY		ROTARY TOOLS R	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* 5395 - 5815', Teague Blinebry		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CPD/CNL, DDL/ML, CSL		27. WAS WELL CORED No	

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
8-5/8", J-55	23#	1006'	12-1/4"	Surface. 800 sx Class "C"	
5-1/2", L.S.	17#	5940'	7-7/8"	Surface. 1230 sx Class "C"	

LINER RECORD				TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)
					2-3/8	5391'

31. PERFORATION RECORD (Interval, size and number)	32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.						
5394', 5420', 5435', 5455', 5478', 5499', 5554', 5594', 5614', 5639', 5649', 5661', 5690', 5705', 5724', 5735', 5750', 5766', 5790', 5815'. 3/8" guns; 21 selections. Total 84 holes.	<table><tr><th>DEPTH INTERVAL (MD)</th><th>AMOUNT AND KIND OF MATERIAL USED</th></tr><tr><td>5395-5815</td><td>2463 gallons 15% HCL acid</td></tr><tr><td>5395-5815</td><td>65,000 gallons 40# gel w/70-50% CO2 and 213,400# 16/30 mesh Jordan Sand</td></tr></table>	DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	5395-5815	2463 gallons 15% HCL acid	5395-5815	65,000 gallons 40# gel w/70-50% CO2 and 213,400# 16/30 mesh Jordan Sand
DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED						
5395-5815	2463 gallons 15% HCL acid						
5395-5815	65,000 gallons 40# gel w/70-50% CO2 and 213,400# 16/30 mesh Jordan Sand						

PRODUCTION							
DATE FIRST PRODUCTION 08/28/97		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 09/18/97	HOURS TESTED 24	CHOKE SIZE 26/64	PROD'N FOR TEST PERIOD	OIL—BBL. 56	GAS—MCF. 120	WATER—BBL. 10	GAS-OIL RATIO 2143
FLOW. TUBING PRESS. 280	CASING PRESSURE 500	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.) 37.4	

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

35. LIST OF ATTACHMENTS C-102, C-104, Inclination Report, Logs
---

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

SIGNED *Robin A. McCauley*

TITLE Technical Assistant

DATE 10/10/97

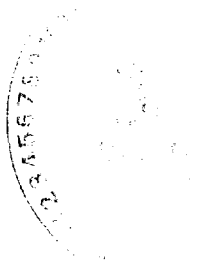
\*(See Instructions and Spaces for Additional Data on Reverse Side)

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.

57. 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.
T. Anhy		Surface	1036	Sand, shale
T. Salt		1036	1144	Anhydrite
B. Yates		1144	2350	Salt
T. Yates		2350	2522	Anhydrite, shale
T. 7 Rivers		2522	2775	Sand, shale, Anhydrite
T. Queen		2775	3318	Anhydrite, shale
T. San Andres		3318	3786	Sand, Anhydrite, Dolomite
T. Paddock		3786	4911	Dolomite, Anhydrite
T. Blinberry		4911	5286	Dolomite & Lime
T. Blinberry		5286	TD	Dolomite, Anhydrite

RECEIVED  
1997 OCT 14 A 4:46  
BUREAU OF LAND MGMT.  
ROSWELL OFFICE



38. GEOLOGICAL MARKERS				38. GEOLOGICAL MARKERS			
NAME	TOP		TRUE	NAME	TOP		TRUE
	MEAS. DEPTH	VERT. DEPTH			MEAS. DEPTH	VERT. DEPTH	