

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
1625 N. French Dr.
Hobbs, NM 88249FORM 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 _____		5. LEASE DESIGNATION AND SERIAL NO. LC-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"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Arch Petroleum Inc.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P. O. Box 10340, Midland, TX 79702-7340 915-685-8100		8. FARM OR LEASE NAME, WELL NO. C. E. Lamunyon #81	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 230' FNL & 150' FWL At top prod. interval reported below same At total depth same		9. API WELL NO. 30-025-35932	
14. PERMIT NO.		DATE ISSUED 11/27/02	
15. DATE SPUDDED 03/04/03		16. DATE T.D. REACHED 04/05/03	
17. DATE COMPL. (Ready to prod.) 05/03/03		18. ELEVATIONS (DF, RKB, RT, GE, ETC.)* 3289	
19. ELEV. CASINGHEAD 3290		10. FIELD AND POOL, OR WILDCAT Teague Simpson	
20. TOTAL DEPTH, MD & TVD 9550		11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Section 27, T23S, R37E	
21. PLUG, BACK T.D., MD & TVD 9496		12. COUNTY OR PARISH Lea	
22. IF MULTIPLE COMPL., HOW MANY*		13. STATE NM	
23. INTERVALS DRILLED BY ROTARY TOOLS 0-9550		CABLE TOOLS	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)* McKee 9400-20		25. WAS DIRECTIONAL SURVEY MADE No	
26. TYPE ELECTRIC AND OTHER LOGS RUN CZDL		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB/FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8	48	1119	17-1/2
7	29	7698	8-1/2
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
5	7496	9550	600
30. TUBING RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
2-3/8 & 2-7/8	9244		
31. PERFORATION RECORD (Interval, size and number)			
9400-20 (2 spf)			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
9400-20		Acidz w/ 1000 lbs 15% acid Frac w/ 208,840 lbs Super HS 20/40 sand	
33. * PRODUCTION			
DATE FIRST PRODUCTION 05/03/03		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping	
DATE OF TEST 05/11/03		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE ---	PROD'N FOR TEST PERIOD 60	OIL—BBL. 156
FLOW. TUBING PRESS. ---	CASING PRESSURE ---	GAS—MCF. 140	WATER—BBL. 2600:1
CALCULATED 24-HOUR RATE ---	OIL—BBL. 60	GAS—MCF. 156	WATER—BBL. 38.0
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold		TEST WITNESSED BY Mickey Rivas	
35. LIST OF ATTACHMENTS C-104, Deviation Survey, Sundry, Log			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <i>Cathy Limber</i>		TITLE Sr. Operation Tech	
DATE 05/12/03			

*(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.
Anhydrite	1024		
Yates	2560		
7 Rivers	2828		
Queen	3234		
Graybury	3492		
San Andres	3774		
Glorieta	4928		
Paddock	4988		
Blaine	5278		
Tubb	5979		
Drinkard	6112		
Abo	6450		
Devonian	7246		
Silurian	8294		
Montoya	8530		
Simpson	8904		
McKee	9234		

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

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ROSWELL OFFICE