

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

SUBMIT IN DUPLICATE*

(See other In-
structions on
reverse side)

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

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1. TYPE OF WELL: OIL WELL ☒ GAS WELL ☐ DRY ☐ Other _____				5. LEASE DESIGNATION AND SERIAL NO. NMLC-030187							
2. TYPE OF COMPLETION: NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. ENVR. ☐ Other _____				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, TX 79705				8. FARM OR LEASE NAME, WELL NO. C.E. Lamunyon #61							
4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal laws) At surface 1216' FNL, 2620' FWL (Unit C) Hobbs, NM 88241				9. API WELL NO. 30-025-33537							
At top prod. interval reported below				10. FIELD AND POOL, OR WILDCAT Teague Blinebry							
At total depth				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 28, T23S, R37E							
14. PERMIT NO.		DATE ISSUED		12. COUNTY OR PARISH Lea	13. STATE NM						
15. DATE SPUDDED 7/31/96	16. DATE T.D. REACHED 8/12/96	17. DATE COMPL. (Ready to prod.) 8/20/96	18. ELEVATIONS (DF, RKB, RT, OR, ETC.)* GE = 3303'	19. ELEV. CASINGHEAD							
20. TOTAL DEPTH, MD & TVD 6000'	21. PLUG, BACK T.D., MD & TVD 5986'	22. IF MULTIPLE COMPL., HOW MANY?	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS						
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5411' - 5904'				25. WAS DIRECTIONAL SURVEY MADE No							
26. TYPE ELECTRIC AND OTHER LOGS RUN GR - Sonic - CL (Cased Hole)				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	TOP OF CEMENT, CEMENTING RECORD							
8 5/8"	28#	1092'	11"	600sx cement, circ 10sx							
5 1/2"	15.5#	6000'	7 7/8"	1300sx cement, TOC 973'*							
				* TOC determined by Cased hole Sonic Log							
29. LINER RECORD			30. TUBING RECORD								
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE						
					2 3/8"						
					5115'						
31. PERFORATION RECORD (Interval, size and number)			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.								
5411', 41', 52', 67', 85', 5507', 19', 27', 72', 78', 5639', 59', 72', 84', 93', 5755', 65', 71', 79', 5826', 65', 95', 5904', w/4-0.45" JHPF (Total 92 Holes)			<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>DEPTH INTERVAL (MD)</th> <th>AMOUNT AND KIND OF MATERIAL USED</th> </tr> <tr> <td>5411' - 5904'</td> <td>2,000 Gals. 15% NEFE HCL Acid</td> </tr> <tr> <td>5411' - 5904'</td> <td>85,000 Gals. 40# gel w/70-60% CO₂, 251,000# mesh Ottawa Sand</td> </tr> </table>			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	5411' - 5904'	2,000 Gals. 15% NEFE HCL Acid	5411' - 5904'	85,000 Gals. 40# gel w/70-60% CO₂, 251,000# mesh Ottawa Sand
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33.* PRODUCTION											
DATE FIRST PRODUCTION 8/25/96		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping			WELL STATUS (Producing or shut-in) Prod.						
DATE OF TEST 9/3/96	HOURS TESTED 24	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 38	GAS—MCF. 96						
WATER—BBL. 274	GAS-OIL RATIO 2526										
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.						
					37.1						
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold					TEST WITNESSED BY						
35. LIST OF ATTACHMENTS Logs & Deviation Survey											
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records											
SIGNED Baumi Brooks		TITLE Lead Analyst		DATE 9/25/96							

*(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-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries):

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Blinebry	5411	5904	0 & G

GEOLOGIC MARKERS

38.

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Anhydrite	1050	
Salt	1165	
Yates	2563	
7 Rivers	2820	
Penrose	3400	
Grayburg	3562	
San Andres	3813	
Paddock	4950	
Blinebry	5331	