

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  GAS WELL  DRY  Other N.M. Oil Con  
 b. TYPE OF COMPLETION: NEW WELL  WORK OVER  DEEP-EN  PLUG BACK  DIFF. RESVR.  Other 1980  
 2. NAME OF OPERATOR: Arch Petroleum Inc.  
 3. ADDRESS AND TELEPHONE NO.: 10 Desta Drive, Suite 420E Midland, Texas 79705 (915) 685-1961  
 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*  
 At surface: 50' FNL and 1340' FWL (Unit C)  
 At top prod. interval reported below  
 At total depth

5. LEASE DESIGNATION AND SERIAL NO.: NMLC-030187  
 6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
 7. UNIT AGREEMENT NAME  
 8. FARM OR LEASE NAME, WELL NO.: C. E. Lamunyon #64  
 9. API WELL NO.: 30-025-33961  
 10. FIELD AND POOL, OR WILDCAT: Teague Blinebry Paddock  
 11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec 27, T23S, R37E

14. PERMIT NO. DATE ISSUED  
 12. COUNTY OR PARISH: Lea 13. STATE: NM  
 15. DATE SPUNNED: 09/06/97 16. DATE T.D. REACHED: 09/25/97 17. DATE COMPL. (Ready to prod.): 10/07/97 18. ELEVATIONS (DF, RKB, RT, GE, ETC.): 3288' GR 19. ELEV. CASINGHEAD: 3303'  
 20. TOTAL DEPTH, MD & TVD: 5950' 21. PLUG, BACK T.D., MD & TVD: 5920' 22. IF MULTIPLE COMPL., HOW MANY\* 23. INTERVALS DRILLED BY: ROTARY TOOLS: R CABLE TOOLS  
 24. PRODUCING INTERVAL(S), OF THIS COMPLETION-TOP, BOTTOM, NAME (MD AND TVD)\*: 5384' - 5817' Teague Blinebry 25. WAS DIRECTIONAL SURVEY MADE: No  
 26. TYPE ELECTRIC AND OTHER LOGS RUN: GR/Digital Sonic Log 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	AMOUNT PULLED
8-5/8"	23#	1014'	12-1/4"	960 sx Class "C". Circ 203 sx to surface	
5-1/2"	15.5#	5950'	7-7/8"	1690 sx Class "C". Circ 225 sx to surface	

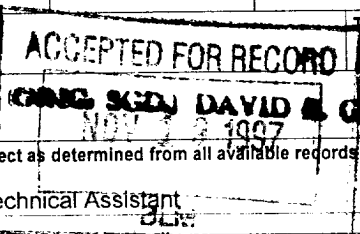
29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	5378'	

31. PERFORATION RECORD (Interval, size and number): 5384', 5396', 5413', 5433', 5451', 5479', 5496', 5524', 5549', 5574', 5602', 5627', 5644', 5655', 5667', 5697', 5725', 5738', 5761', 5777', 5817'  
 4" gun, 0.4" hole 1 JHPF, Total of 21 holes  
 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.  
 DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED  
 5384-5817 2500 gals NEFE acid & 42# 1" Ball Sealers  
 5384-5817 24,000 gal water + 147 tons CO2 and 207,000# sand

33. \* PRODUCTION  
 DATE FIRST PRODUCTION: 10/07/97 PRODUCTION METHOD (Flowing, gas lift, pumping--size and type of pump): Flowing WELL STATUS (Producing or shut-in): Producing  
 DATE OF TEST: 10/13/97 HOURS TESTED: 24 CHOKE SIZE: 26/64 PROD'N FOR TEST PERIOD: OIL--BBL.: 58 GAS--MCF.: 423 WATER--BBL.: 22 GAS-OIL RATIO: 7293  
 FLOW. TUBING PRESS.: 130 CASING PRESSURE: 350 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: Inclination Report, Logs, C-104  
 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records  
 SIGNED: Robert S. McCaskey TITLE: Technical Assistant DATE: 11/12/97



\*(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.

37. SUMMARY OF POROUS ZONES: (Show important zones of porosity and contents the ; 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	5274	5920	Oil & Gas Production from Dolomite

38. GEOLOGICAL MARKERS			38. GEOLOGICAL MARKERS		
NAME	TOP		NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH		MEAS. DEPTH	TRUE VERT. DEPTH
Dewey Lake			Paddock	4908	
Rustler			Blinebry	5274	
Salado					
Tansill					
Yates	2526				
7 Rivers	2790				
Queen	3322				
Penrose	3388				
Grayburg	3552				
San Andres	3788				