

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

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. LC064118	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input checked="" 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 OF OPERATOR 10 Desta Dr., Suite 420 East, Midland, Texas 79705		8. FARM OR LEASE NAME E. C. Hill "D" Federal	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2131 FNL & 660 FEL, Section 34, T-23-S, R-37-E At top prod. interval reported below At total depth		9. WELL NO. 1	
14. PERMIT NO. N/A		DATE ISSUED 6/15/89	
12. COUNTY OR PARISH Lea		13. STATE New Mexico	
15. DATE SPUDDED 5/23/52	16. DATE T.D. REACHED 8/13/52	17. DATE COMPL. (Ready to prod.) 8/20/89	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 3275 KB
20. TOTAL DEPTH, MD & TVD 9290	21. PLUG. BACK T.D., MD & TVD 6900	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY →
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 6638-6714' Abo			25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN GST/NGT/CNL/TDT/Sonic			27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)			
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13 3/8	48	331	17 1/2
9 5/8	32 & 36	2919	12 1/4
7	23 & 26	9100	8 3/4
CEMENTING RECORD			
300 sx circ			
1400 sx			
650 sx			
AMOUNT PULLED			
0			
0			
0			
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2 3/8	6478	6478	
31. PERFORATION RECORD (Interval, size and number)			
6638-6714 (55 - 0.4" dia holes). 6900 CIBP + 35' cement			
32. ACID. SHOT. FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
5222-5282		150 sx Class "C"	
6958-7076		150 sx Class "H"	
6958-7014		6000 gals 15% NeFe HCL	
6638-6714		6000 gals 15% NeFe HCL + 80 B.S.	
33. PRODUCTION			
DATE FIRST PRODUCTION 8/21/89		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing	
DATE OF TEST 9/13/89		WELL STATUS (Producing or shut-in) Producing	
HOURS TESTED 24	CHOKE SIZE 14/64	PROD'N. FOR TEST PERIOD →	OIL—BBL. 13.6
GAS—MCF. 131	WATER—BBL. 14.7	GAS-OIL RATIO 9632	
FLOW. TUBING PRESS. 50	CASING PRESSURE 0	CALCULATED 24-HOUR RATE →	OIL—BBL. 13.6
GAS—MCF. 131	WATER—BBL. 14.7	OIL GRAVITY-API (CORR.)	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Sold			TEST WITNESSED BY Buddy Hill
35. LIST OF ATTACHMENTS			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Buddy Hill</u>		TITLE <u>Operations Manager</u>	
		DATE <u>9/19/89</u>	

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