

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT TO BLM (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

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RENVR. Other

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 Unit J, 1490' FSL, 1340' FEL

At top prod. interval reported below

At total depth

ACCEPTED FOR RECORD
AUG 28 1996

14. PERMIT NO. DATE ISSUED
BLM

5. LEASE DESIGNATION AND SERIAL NO.
NMNM27725

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.
M.K. Stewart #9

9. APIWELLNO.
30-025-33446

10. FIELD AND POOL, OR WILDCAT
Teague Blinebry

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 28, T23S, R37E

12. COUNTY OR PARISH
Lea

13. STATE
NM

15. DATE SPUDDED 7/4/96 16. DATE T.D. REACHED 7/15/96 17. DATE COMPL. (Ready to prod.) 7/24/96 18. ELEVATIONS (DF, WRB, RT, OR, ETC.)* 3310' GR 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 5969' 21. PLUG BACK T.D., MD & TVD 5957' 22. IF MULTIPLE COMPL., HOW MANY* No 23. INTERVALS DRILLED BY ROTARY TOOLS X CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5420' - 5867' 25. WAS DIRECTIONAL SURVEY MADE Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN GR - Sonic - CL (Cased hole) 27. WAS WELL CORRED 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"	24#	1090'	11"	400 sx (did not circ)	
(Ran 1" pipe dn. backside, toc @ 125', Pumped 200 sx thru 1" pipe & circ 25 sx)					
5 1/2"	15.5#	5960'	7 7/8"	1300 sx; circ 80 sx	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	30. TUBING RECORD
					SIZE 2 3/8 DEPTH SET (MD) 5400' PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

5420', 44, 61, 75, 93, 5515, 26, 56, 65, 85, 5601'
21, 40, 63, 73, 89, 5712', 46, 58, 70, 86, 5825'
67 (4-0.5 JNPF, total 92 holes)

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5420' - 5867'	3400 gals 15% NEFE, HCL
5420' - 5867'	85,000 gals 40# gel (w/70-50% CO ₂)
	251,000# 16/30 mesh Ottawa Sand

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
7/24/96	Flowing	P

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
8/1/96	24	22/64	→	157	557	43	3547

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
235	680	→	157	557	43	36.8

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)
Sold

35. LIST OF ATTACHMENTS
Log & Deviation Survey

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

SIGNED Bennie Brooks TITLE Production Analyst DATE 8/21/96

*(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.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
B1inebry	5420'	5867'	Porous Dolomite Productive of Oil & Gas	Top of Salt	1184'	
				Yates	2588'	
				7-Rivers	2837'	
				Queen	3358'	
				Penrose	3432'	
				Grayburg	3390'	
				San Andres	3838'	
				Paddock	4978'	
				B1inebry	5340'	

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Top of Salt	1184'	
Yates	2588'	
7-Rivers	2837'	
Queen	3358'	
Penrose	3432'	
Grayburg	3390'	
San Andres	3838'	
Paddock	4978'	
B1inebry	5340'	