

UNITED STATES DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT  
Hobbs, NM 88240

SUBMIT IN DUPLICATE

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

5. LEASE DESIGNATION AND SERIAL NO.

NMNM-27725

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

M.K. Stewart #2

9. API WELL NO.

30-025-22432

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA

Section 28, T23S, R37E

12. COUNTY OR PARISH

Lea County

13. STATE

NM

1a. TYPE OF WELL:

OIL WELL ☒GAS WELL ☐DRY ☐

Other

b. TYPE OF COMPLETION:

NEW WELL ☐WORK OVER ☐DEEP-EN ☐PLUG BACK ☒DIFF. RESVR. ☐

Other

2. NAME OF OPERATOR

Arch Petroleum Inc.

3. ADDRESS AND TELEPHONE NO.

P. O. Box 10340, Midland, TX 79702-7340

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)\*

At surface

660' FSL &amp; 660' FEL

At top prod. interval reported below

same

At total depth

same

14. PERMIT NO.

DATE ISSUED

12. COUNTY OR PARISH

Lea County

13. STATE

NM

15. DATE SPUDDED

16. DATE T.D. REACHED

17. DATE COMPL. (Ready to prod.)

11/26/99

18. ELEVATIONS (DF, RKB, RT, GE, ETC.)\*

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD &amp; TVD

21. PLUG, BACK T.D., MD &amp; TVD

CIBP @ 3600

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)\*

3438'-66' Queen/Penrose

25. WAS DIRECTIONAL SURVEY MADE

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

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

29. LINER RECORD

30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

3438'-66' 2 SPF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
3438-66	Acidz w/ 1000 gals 7-1/2% HCL
	Frac w/ 102,000# 16/30 sand

33. \* PRODUCTION

DATE FIRST PRODUCTION 11/27/99		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Flowing				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 12/01/99	HOURS TESTED 24	CHOKE SIZE 1/2	PROD'N FOR TEST PERIOD →	OIL—BBL. 61	GAS—MCF. 263	WATER—BBL. 10	GAS-OIL RATIO 4311:1
FLOW. TUBING PRESS. 100	CASING PRESSURE 360	CALCULATED 24-HOUR RATE →	OIL—BBL. →	GAS—MCF. →	WATER—BBL. →		OIL GRAVITY-API (CORR.) 37.6

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

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

C-104, C-102, Sundry

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

SIGNED

Cathy Jimbal

TITLE Operation Tech

DATE 01/08/00

\*(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.