

UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
NEW MEXICO

Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

LC064118

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

E.C. Hill "D" Federal

9. WELL NO.

1

10. FIELD AND POOL, OR WILDCAT

Teague Devonian

11. SEC., T., R., M., OR B.L. AND SURVEY OR AREA

Sec 34, T23S, R37E

12. COUNTY OR PARISH

Lea

13. STATE

New Mexico

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

Arch Petroleum Inc.

3. ADDRESS OF OPERATOR

10 Desta Dr., Suite 420 East, Midland, Texas 79705

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.)

At surface

2131 FNL & 660 FEL, Section 34, T-23-S, R-37-E

14. PERMIT NO.

15. ELEVATIONS (Show whether BF, RT, OR, etc.)

3275 KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETION

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other) Plug Back to Abo

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

Set CIBP at 7150'. Tested to 1000#. Tested casing with packer. Found hole at 5222-5282'. Set cement retainer at 5155'. Pumped 150 sx Class "C" cement with 3% CaCl at 2.5 BPM at 700#. Drilled out cement retainer. Tested casing to 500# for 30 minutes. Ran GST/NGT/CNL/TDT and Sonic Logs from TD to ±5900'. Perforated 1 JSPF at 7076-7072; 7050-7044; 7034-7030; 7014-7002; 6974-6958 (47 holes). Swab - no shows of oil - slight gas. Determined communication between zones. Set cement retainer at 6895'. Squeezed perms 6958-7076 with 150 sx Class H cement with ½% Halad 9 fluid loss additive. Formation squeezed at 2000#. Drilled out cement and retainer. Perforated 1 JSPF 6958-6974' (17 holes) and 6991-7014 (24 holes). Acidized perms with 6000 gals 15% NeFe acid plus 60 ball sealers. Swab well. Recovered 51 bbls fluid with 2% oil cut. Put well on pump to test zone.

18. I hereby certify that the foregoing is true and correct

SIGNED

David R. Glass

TITLE Operations Manager

DATE 8-15-89

(This space for Federal or State office use)

(ORIG. SGD.) DAVID R. GLASS

TITLE CHIEF, MINERAL RESOURCES

DATE 8-35-89

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side