

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

U. S. M. OIL & GAS  
P. O. BOX 1000  
SUNBELT, NEW MEXICO 88240  
TELEPHONE (505) 325-1111

Form approved  
Budget Bureau No. 1004-0135  
Expires August 31, 1985

LEASE DESIGNATION AND SERIAL NO.  
LE 24-034711

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> Drilling	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 Baylus Cade Federal
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2310 FSL & 660 FWL, Section 35, T-23-S, R-37E unit L	9. WELL NO. 4
14. PERMIT NO. 9-29-89	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3246.2 GR
10. FIELD AND POOL, OR WILDCAT Teague Devonian	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 35, T-23-S, R-37-E
12. COUNTY OR PARISH Lea	13. STATE New Mexico

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 COMPLETE

ABANDON\*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

Drilling Operations

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

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.)\*

10-06-89 Drilling 7 7/8" hole  
10-09-89 DST No. 1 San Andres. Tested interval 3825-3860'.  
10-11-89 DST No. 2 Paddock. Tested interval 4900-4937'.  
10-12-89 DST No. 3 Paddock. Tested interval 5132-5150'.  
10-24-89 TD at 7650'. Ran open hole logs.  
10-25-89 Ran 4 1/2" guide shoe, 1 jt 11.60#, 4 1/2" float collar with latch down baffle, 33 jts 11.60#, 43 jts 10.50#, 4 1/2" DV tool, 106 jts 10.50#, 3 jts 11.60#. DV tool at 4511'. Set casing shoe at 7606'. Ran 24 centralizers. Cemented 1st stage with 650 sx 50-50 poz-mix with .5% Halad 9 and 1/4#/ sx floxele at 10 BPM at 800#. Bump plug at 1500#. Open DV tool and circulate 4 hrs. Cement 2nd stage with 730 sx "lite" cement with .5% Halad 9 and 1/4#/sx floxele. Tail with 115 sx Class "C" neat at 10 BPM at 700#. Bump plug at 3000# to close DV tool.  
10-26-89 Set slips with 15,000#. Cut off casing. Release rig. WOC.  
10-28-89 Drilled out DV tool with 3 7/8" bit from 4511-4514'. Tested casing to 1000# for 10 min. Held ok.

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

SIGNED Daniel Miller

TITLE Operations Manager

DATE 10-30-89

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side