

DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

(Other instructions on reverse side)

Expires August 31, 1985

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	5. LEASE DESIGNATION AND SERIAL NO. LC-064118
2. NAME OF OPERATOR Arch Petroleum Inc.	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR 10 Desta Dr., suite 420 East, Midland, Texas 79705	7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 330 FEL & 2310 FSL, Section 34, T-23-S, R-37-E	8. FARM OR LEASE NAME E.C. Hill "D" Federal
14. PERMIT NO. 1-05-90	9. WELL NO. 6
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 3256 GR	10. FIELD AND POOL, OR WILDCAT Teague Devonian
	11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec 34, T23S, R37E
	12. COUNTY OR PARISH Lea
	13. STATE New Mexico

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input checked="" type="checkbox"/> 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.)\*

2-02-90 Drilling 7 7/8" hole.  
2-12-90 TD at 7600'. Ran open hole logs.  
2-13-90 Ran 4 1/2" guide shoe, 20' shoe jt, 4 1/2" latch down float collar, 26 jts 4 1/2" 11.60#, 51 jts 4 1/2" 10.5#, 4 1/2" DV tool (DV tool set at 4528'), 82 jts 4 1/2" 10.5#, 31 jts 4 1/2" 11.6# casing to 7600'. Cemented casing with 845 sx 50-50 poz mix with .5% Halad 9 and 1/4# per sx flocele at 9 BPM 600#. Flush with 48 bbls fresh water, 72 bbls mud at 9 BPM 500#. Bump plug to 1200#. Dropped bomb. Opened DV tool. Circulated thru DV 4 hrs. Pumped 1300 sx Halliburton Lite cement. Tailed in with 115 sx Class "C" cement at 9 BPM 500#. Flush with 71.5 bbls fresh water at 3 BPM 1000#. Bump plug to 3000#. Closed DV tool. Circulated 42 sx.  
2-14-90 Set slips with 15,000#. Cut off casing. Released rig. WOC  
2-16-90 Drilled out DV tool with 3 3/4" bit from 4487'-4530'. Tested casing to 1000#. Held ok.

ACCEPTED FOR RECORD

*As*

FEB 21 1990

CARLSBAD, NEW MEXICO

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

SIGNED

*David Hill*

TITLE

Operations Manager

DATE

2-19-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

RECEIVED

FEB 26 1999

OCD  
HOBBS OFFICE