

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
SF-077384

6. If Indian, Allottee or Tribe Name

SUBMIT IN TRIPLICATE

7. If Unit or CA, Agreement Designation

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

8. Well Name and No.

M.N. Gault "B" #1

2. Name of Operator

Amoco Production Company

Attn: J.L. Hampton

9. API Well No.

30-045-06911

3. Address and Telephone No.

P.O. Box 800 Denver, Colorado 80201 (303) 830-5025

10. Field and Pool, or Exploratory Area
Basin Fruitland Coal

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

**990' FSL, 1752' FWL
Sec. 6, T27N, R10W (SE/SW) "N"**

11. County or Parish, State

San Juan, N.M.

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

- ☐ Notice of Intent
☒ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Perf & Frac**
☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

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

13. 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.)*

AMOCO ABANDONED THE PICTURED CLIFFS AND RECOMPLETED TO THE FRUITLAND COAL FORMATION AS FOLLOWS:

RECEIVED
BLM
02 SEP -1 AM 8:15
SEP 01 1992

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

Signed

J.L. Hampton

Title

Sr. Staff Admin.

Date

8/24/92

(This space for Federal or State office use)

Approved by

Conditions of approval, if any:

Title

FARMINGTON RESOURCE AREA

BY

[Signature]

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.

SQUEEZE PICTURED CLIFFS:

TIH W/ 3.5" PKR. SET @ 1717'. PRESSURE TESTED BACKSIDE TO 1000#. CSG. HELD PRESSURE. PUMPED 6 BBLs WATER @ 2 BPM, 660 PSI. MIXED AND PUMPED 100 SX CLASS B CMT W/ 2% CaCl. @ FINAL MIXING PRESSURE OF 625#. PUMPED .25 BBLs WATER DISPLACEMENT. CMT LOCKED UP @ 3000 PSI. UNSET PKR & REVERSED OUT 12 SX'S GOOD CMT. PRESSURED UP CSG TO 1350 PSI, SI. DRILLED OUT CMT TO 1895. PRESSURE TESTED SQUEEZE TO 900 PSI. BLED TO 0.

PRESSURE TESTED CASING TO 1820'. HELD OK. TIH W/ PKR TO 1756'. PRESSURED TBG ANNULUS TO 1000 PSI. PUMPED 6 BBLs WATER @ 1.5 BPM, 1250 PSI. MIXED & PUMPED 100SX CLASS G CMT @ 1BPM W/ PRESSURE CLIMBING TO 1950 PSI. DISPLACED W/ 2 BBLs WATER @ .5 BPM, 1750 PSI. SD FOR 15 MIN, PRESSURED UP TO 3000 PSI. UNSET PKR & REVERSED OUT 5 SX CMT. SI WELL @ 1500 PSI. DRILLED OUT CMT TO FROM 1762'-1846'. PRESSURE TESTED SQUEEZE. PUMPED INTO FORMATION @ 1000 PSI. DRILLED OUT TO 1890, CIRCULATED HOLE CLEAN.

TIH W/ PKR TO 1820', TESTED ANNULUS TO 2000 PSI. HELD OK. PUMPED 8 BBLs WATER @ 2 BPM, 1750 PSI. RESET PKR @ 1755'. PRESSURED TBG ANNULUS TO 1000 PSI. MIXED 100 SX CLASS B CMT @ 2 BPM, 1950 PSI. DISPLACED @ .25 BPM, 1250 PSI. PRESSURED UP TP 2500 PSI. UNSET PKR, REVERSED OUT 5 SX CMT. DRILLED OUT CMT FROM 1760' TO 1832'. CIRCULATE HOLE CLEAN. PRESSURE TESTED CSG TO 1250 PSI. HELD OK. TIH & SET CIBP @ 1828. PRESSURE TEST PLUG, CSG AND FRAC HEAD TO 4900 PSI. HELD OK.

PERFORATE FRUITLAND COAL:

1804'-1822' W/8 JSPF, .33 INCH DIAMETER, 144 SHOTS, OPEN
1752'-1760' W/8 JSPF, .33 INCH DIAMETER, 64 SHOTS, OPEN
1676'-1700' W/8 JSPF, .33 INCH DIAMETER, 192 SHOTS, OPEN
1656'-1660' W/8 JSPF, .33 INCH DIAMETER, 32 SHOTS, OPEN
PERFED A 2ND TIME WITH SAME PROCEDURES TO OPEN PERFS.

FRAC THE FRUITLAND COAL WITH:

PUMPED 46,600 GAL. SLICK WATER PAD @ 40 BPM, 4600 PSI. PUMPED 1000 GAL. 15% HCL ACID AHEAD OF 2200 GAL. ADDITIONAL PAD @ 44 BPM, 4600 PSI. PUMPED 18,520 # 40/70 SAND IN 3 STAGES. PUMPED 185,000 # 20/40 SAND IN 11 STAGES. SLOWLY INCREASED PUMP RATE THROUGHOUT FRAC TO 50 BPM. FLUSHED WITH 600 GAL SLICK WATER. AIR 48BPM. AIP 4105 PSI. MAXIMUM PRESSURE 4750 PSI. TOTAL FLUID 247,600 GAL.