

(June 1996)

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-078097

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Heaton LS

#5A

9. API Well No.

3004523713

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

SAN JUAN

NEW MEXICO

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

AMOCO PRODUCTION COMPANY

Attention:

Gail M. Jefferson

3. Address and Telephone No.

P.O. BOX 800 DENVER, COLORADO 80201

(303) 830-6157

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

2300' FNL

1490' FWL

Sec. 28 T 31N R 11W

UNIT F

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

TYPE OF SUBMISSION

TYPE OF ACTION

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

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Perf and 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 Production Company requests permission to perf and frac this well per the attached procedures.

If you have any technical questions please contact Dave Koskella at (303) 830-4377 or Gail Jefferson for any administrative concerns.

RECEIVED
NOV 20 1993
OIL CON. DIV.
DIST. 3

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

Signed

Gail M. Jefferson

Title

Sr. Admin. Staff Asst.

Date

11-10-1998

(This space for Federal or State office use)

Approved by

R/ Duane W. Spencer

Title

Date

Conditions of approval, if any:

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.

* See Instructions on Reverse Side

NMOCD

Heaton LS #5A

TD = 5280' PBTD = 5262'

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1. Check anchors. MIRUSU.
2. Check and record tubing, casing and bradenhead pressures.
3. Blow down wellhead, kill if necessary.
4. Nipple down wellhead, nipple up and pressure test BOP.
5. TOH with 2.375" tubing.
6. Perforate one shot at each of the following depths. Correlate with density log dated 12/31/79 (18 total holes):
4154, 4158, 4162, 4166
4296, 4304
4340, 4346, 4356
4486, 4490, 4496, 4504, 4508
4520, 4522
4548, 4554
7. Set a composite bridge plug @ 4600'.
8. TIH with 2 7/8" frac string and PIP.
9. Break down each interval (6 total) with 7 1/2% HCL (1/2 BBL per perforation, approximately 380 gallons total).
10. TOH with 2 7/8" frac string and PIP.
11. TIH with 2 7/8" frac string and packer.
12. Pressure test composite bridge plug.
13. Set packer at +/- 4050'.
14. Fracture stimulate down 2 7/8" tubing according to frac schedule.
15. TOH with Frac String.
16. TIH with tubing and bit to 4580' and circulate clean.
17. Raise bit to +/- 4560' and reverse circulate until gas production returns.
18. If night shutdown is necessary, raise bit above 4000'.
19. Once gas production returns/sand production ceases, drill-out composite plug, clean-out to PBTD and TOH with tubing and bit.
20. TIH with 2 3/8" tubing with SN and land at 5080'.
21. Put well back on production.

HEATON LS 005A 1911
 Location - 28F- 31N-11W
 SINGLE MV
 Orig. Completion - 2/80
 Last File Update - 1/89 by BDM

BOT OF 9.625 IN OD CSA 224
 38 LB/FT, KS CASING
 TOC - SURF

TOP OF 4.5 IN. LINER AT 2749
 BOT OF 7 IN OD CSA 2896, 20 LB/FT
 KS CASING
 TOC - 1150

4645-4657 MV
 4706
 4751-4763
 MV--1SPF PERF 4849-4867
 MV--1SPF PERF 4891-4900
 MV--1SPF PERF 4901-4930
 4931-4939
 4940-4949
 5006-5008
 5077-5082
 5141-5150

BOT OF 2.375 IN OD TBG AT 5116

PBTD AT 5262 FT.

TOTAL DEPTH 5280 FT.

BOT OF 4.5 IN OD LINER AT 5280
 10.5 LB/FT, KS CASING
 Cathodic Protection - ?