



United States Department of the Interior

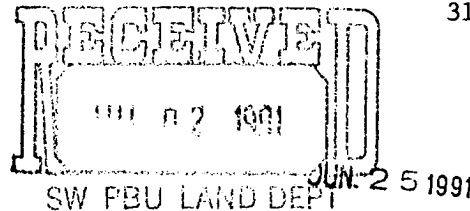
BUREAU OF LAND MANAGEMENT
FARMINGTON RESOURCE AREA
1235 LAPLATA HIGHWAY
FARMINGTON, NEW MEXICO 87401



IN REPLY REFER TO:

SF-078040 (WC)
3162.3-2 (019)

CERTIFIED--RETURN RECEIPT REQUESTED
P 671 278 012



Amoco Production Co.
P. O. Box 800
Denver, CO 80201

Gentlemen:

Reference is made to the following well No. 4R Mudge LS, NE/4NE/4 sec. 1, T. 31 N., R. 11 W., lease SF-078040, New Mexico and your Sundry Notice dated September 3, 1987, requesting approval to add perfs to Mesa Verde and complete Chacra. If the work on the subject well has been completed you are required to submit a subsequent report. If the workover has not been completed, you are required to inform this office when the work is scheduled to be performed.

You have 30 days to comply with this order. The 30 days commences upon receipt of this letter or seven days from the date it is mailed, whichever is less. Failure to comply within the 30 days will result in strict enforcement of 43 CFR 3163.1.

Under provisions of 43 CFR 3165.3, you may request an Administrative Review of the orders described above. Such request, including all supporting documents, must be filed in writing within 20 business days of receipt of this notice and must be filed with the State Director, Bureau of Land Management, P. O. Box 1449, Santa Fe, New Mexico 87504-1449. Such request shall not result in a suspension of the order(s) unless the reviewing official so determines. Procedures governing appeals from instructions, orders or decisions are contained in 43 CFR 3165.4 and 43 CFR 4.400 et: seq.

If you have any questions, please contact Stephen Mason with this office at (505) 327-5344.

Sincerely,

for John Phillips
Acting Area Manager

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

SUBMIT IN TRIPLICATE

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company Attn: John Hampton

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

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

850' FNL, 990' FEL, Sec. 1, T31N-R11W

5. Lease Designation and Serial No.

SF-078040

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Mudge 4R

9. API Well No.

30 045 11877

10. Field and Pool, or Exploratory Area

Blanco (Mesaverde)

11. County or Parish, State

San Juan, New Mexico

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

- ☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

RECEIVED
SEP 12 1991
OIL CON. DIV.
DIST. 3

Add perf to MV and complete

(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.)*

RIH w/RBP set plug at 4600'.

RIH w/tbg and 4 1/2" PKR, set PKR @ 4570', pressure test RBP to 3500psi Held OK, isolate leak at liner top. Set PKR at 2718', squeeze liner top w/100sx Cl B cmt w/2% CACL2, squeeze w/88sx out behind csg, left 63' cmt on top, Max PSI 1250, pressure squeeze to 1250psi. Tagged cmt at 2903', drilled to liner top, cir clean.

Drilled out squeeze, pressure test to 3500psi Held OK. RIH to 4585' cir hole w/1% KCL, spot 5 BBLS 7 1/2% HCL. Perf and Frac Mesaverde; Perf MV w/2 JSPF from 4303'-4313', 4330'-4334', 4359'-4361', 4406'-4410', 4442'-4450', 4493'-4496', 4528'-4532', 4540'-4542', 4546'-4554', 4568'-4576', 52' 104 holes, RIH w/4 1/2" PKR, PKR set at 3050', acidize w/1300gal 15% HCL and 135 1.1 SG ball sealer AIR 8 BPM, AIP 1800psi. Frac down csg w/68210 gal 1% KCL w/friction reducer and 77500# 20/40 sn AIR 86 BPM, AIP 2100psi.

RBP set plug @ 4200', spot 2 sx sand on RBP, pressure test 2600psi taking fluid, RIH w/tbg and 4 1/2" PKR set pkr @ 3050', RBP holding 3000psi. OK. Spot 5bbls Cl B cmt, squeeze cmt away got 3bbl in line. WOC. Drill squeeze to top of liner. Drill squeeze cir clean, pressure test to 3500psi Held OK.

Perf Chacra; perf chacra w/2 JSPF from 3930'-3990', 4020'-4045', 4075'-4095', 4105'-4115', 4130'-4140', 125', 250 holes. RIH w/tbg and 4 1/2" PKR set pkr @ 3050'. Acidize w/2000 gal 15% weighted HCL and 325 1.1 SG ball sealer. AIR 9 BPM, AIP 1300psi. Released PKR. Frac down casing w/31354 gal 1% KCL & slick water, 63500# 20/40 sn, AIR 96 BPM, AIP 1320psi., well screened out.

RIH w/ 167 jts openended J-55 EUE 4.7# tbg.

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

Signed

Title Sr. Staff Admin. Supv.

Date 7/29/91

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

BY

Smr

GENERAL INSTRUCTIONS

This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

SPECIFIC INSTRUCTIONS

Item 4—If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 13—Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive

NOTICE

The Privacy Act of 1974 and the regulation in 43 CFR 2.48(d) provide that you be furnished the following information in connection with information required by this application.

AUTHORITY: 30 U.S.C. 181 et. seq., 351 et. seq., 25 U.S.C. et. seq.; 43 CFR 3160.

PRINCIPAL PURPOSE — The information is to be used to evaluate, when appropriate, approve applications, and report completion of secondary well operations, on a Federal or Indian lease.

ROUTINE USES:

- (1) Evaluate the equipment and procedures used during the proposed or completed subsequent well operations.
- (2) Request and grant approval to perform those actions covered by 43 CFR 3162.3-2(2).
- (3) Analyze future applications to drill or modify operations in light of data obtained and methods used.
- (4)(5) Information from the record and/or the record will be transferred to appropriate Federal, State, local or foreign agencies, when relevant to civil, criminal or regulatory investigations or prosecutions.

EFFECT OF NOT PROVIDING INFORMATION — Filing of this notice and report and disclosure of the information is mandatory once an oil or gas well is drilled.

The Paperwork Reduction Act of 1980 (44 U.S.C. 3501, et. seq.) requires us to inform you that: This information is being collected in order to evaluate proposed and/or completed subsequent well operations on Federal or Indian oil and gas leases. This information will be used to report subsequent operations once work is completed and when requested, to obtain approval for subsequent operations not previously authorized. Response to this request is mandatory for the specific types of activities specified in 43 CFR Part 3160.

BURDEN HOURS STATEMENT

Public reporting burden for this form is estimated to average 25 minutes per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form to U.S. Department of the Interior, Bureau of Land Management, (Alternate) Bureau Clearance Officer, (WO-771), 18 and C Streets, N.W., Washington, D.C. 20240, and the Office of Management and Budget, Paperwork Reduction Project (1004-0135), Washington, D.C. 20503.