

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

3. Address and Telephone No.

P. O. Box 800, Denver, Colo. 80201 (303) 830-6157

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

1650' FSL 1450' FWL Section 5-T30N-R10W Unit K

5. Lease Designation and Serial No.

SF-080917

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Atlantic B LS #4

9. API Well No.

3004509855

10. Field and Pool, or Exploratory Area

Blanco Mesaverde

11. County or Parish, State

San Juan County, 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 Sidetrack

- ☐ 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.)*

See Attachment

RECEIVED
JAN 28 1998
OIL CON. DIV.
DIST. 3

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

Signed Paul A. Jefferson

Title Sr. Admin. Staff Asst.

Date 1/14/98

(This space for Federal or State Office use)

Approved by

Conditions of approval, if any:

Title

ACCEPTED

Date

JAN 23 1998

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.

FARMINGTON DISTRICT OFFICE

*See Instruction on Reverse Side

NMOCO

GENERAL INSTRUCTIONS

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

zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

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.

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.

Atlantic BLS #4 - Sidetrack

MIRUSU 9/9/97.

With RTTS pkr set at 21 feet from surface and storm valve on top of pkr, test blind and pipe rams to 1000# for 15 minutes, held okay.

Drill and ream thru whipstock window at 3488'-3500'. TOH. TIH drilled with 6-1/4" bit and surveyed from 3500' to 4264'. TOH. TIH, drill and survey from 4264' to 4944'. TOH. TIH drill and survey from 4944' to TD at 5408'. TOH.

Change rams to 4.5" and run 11.6# K-55 casing and tag up at 5400'. Did not hit any bridges and tag bottom or fill at 5400'. Circ hole with air mist no fluid unloaded. Circulated clean. RU for cement job.

Mix and pump 50/50 poz with 2% gel, with 360 sxs Class B neat cmt. Wash pumps and lines and displace with 300# and decreasing pressure on disp. No returns of cement.

RDMOSU 9/15/97.

MIRUSU 10/15/97.

Lay 3 inch relief lines and NUBOP. Tally out 2.375" tubing. TIH with scraper to 5345' and displace hole with clay fix water. Test casing from 5345' to surface to 500# for 15 minutes. Held okay.

Run GR, CCL and CBL from 1500' to 5346'. TOC at 3625'. Ran GR and Thermal Multigate Decay Logs from 4000' to 5446' to determine perf intervals. Ran pulse echo log to evaluate cmt job done on 4-1/2" casing used in conjunction with the CBL for cmt evaluation.

Perforated at 5049', 5054', 5089', 5093', 5106', 5109', 5111', 5114', 5116', 5118', 5120', 5122', 5124', 5126', 5160', 5187', 5191', 5195', 5203', 5208', 5212', 5224', w/1jspf, .340 inch diameter, total 22 shots fired.

TIH land tbg on slips at 5245' and made 4 swab runs, had no flow.

With pkr set at 4850' pumped 500 gals of FEHCL and 32 ball sealers for good ball action but not a complete ball off.

Made 5 swab runs from 5049' to 5224' got a slight blow recovering 23 bbls wtr. Flow tested on 1/2" choke, 6# FTP and 125 mcf/d after breakdown. Blow well down TOH w/rtts.

Frac'd from 5049' to 5224' with 117,031# of 16/30 Arizona sand.

Flow test from 10/28/97 to 10/31/97. Blow well down TIH and tag sand at 5218'. Did not clean out with only 6' of sand over bottom perf. Flow test again up tbg with tubing landed at 5035'. After test TIH tag sand at 5232' cleanout with air to PBTD of 5345'. Flow test again. Blow down TIH cleanout 20' to PBTD and pull up above perfs and TIH cleanout 18' of sand after 4-1/2 hours. TOH with tubing.

Run frac gamma ray tracer log from 3900' to 5275' to trace first stage Point Lookout stimulation. All of stimulation went in zone. Set composite plastic plug at 4940' to temporarily isolate Point Lookout for the Cliffhouse for second stage stimulation.

Load hole with clay fix wtr and tested wellbore to 100# for 15 minutes. Held okay.

Perforated at:

4892', 4880', 4815', 4795', 4769', 4660', 4645', 4638', 4618', 4594', 4586', 4578', 4546', 4530', 4515', 4506', 4484', 4476', 4462', and 4450' with 1jspf, .340 inch diameter, total 20 shots fired.

After perforating TIH land tbg on slips at 4481' and made 16 swab runs. Recovered 49 bw with fluid level at 4600'. Cliffhouse appears dry.

Breakdown and ball off with 18 bbls 7.50% acid and ball sealers seeing good ball action. Surge ball of perfs and resume swabbing prior to stimulation. Swabbed back 27 bbls of wtr and spent acid. Swabbed dry.

Frac'd from 4450'-4892' with 74,900# 16/30 Arizona sand. Flow back frac did not make much sand. Good show of gas.

Cleanout 363' of sand and sweep clean with air mist and foamer. After cleanout flow test well. Cleanout sand after flow test. TOH with mule shoe and TIH with drill bit.

Drill out composite plug and blow Point Lookout down. Continue in hole and tag and clean out sand in rat hole. Push remains of plastic BP to 5275' and clean out sand and plastic to PBTD at 5345'. Swept clean.

Flow test. After flow test up casing, TIH tag PTD had not fill. TOH with bit and TIH with production tubing. Land 2.375" production tubing at 5134'.

RDMOSU 11/17/97.