

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 94 JUN -6 PM 1:58

070 FARMINGTON, NM

1. Type of Well
☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

Amoco Production Company

Attention:

Dallas Kalahar

3. Address and Telephone No.

P.O. Box 800, Denver, Colorado 80201

(303) 830-5129

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

790'FNL

790'FEL

Sec. 25 T 32N R 11W

5. Lease Designation and Serial No.

NM-010989

8. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Fields A #20

9. API Well No.

3004527742

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal

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

TYPE OF ACTION

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

- ☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other Repair

- ☐ 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.)*

Please see attached for procedures.

If there are any questions, please contact Dallas Kalahar at (303) 830-5129.

RECEIVED
JUN 15 1994
OIL CON. DIV.
DIST. 3

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

Signed

Dallas Kalahar / SP

Title

Staff Business Analyst

06-03-1994

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

JUN 15 1994

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

NMOOD

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 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.

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.

FIELDS A #20

MOVE IN AZTEC #222, DO NOT RU DUE TO MUD 2/17/94. RIG UP AZTEC 222, NUBOP, MI AIR EQUIP. START NU BLOOE LINES.

CSG & TBG PSI 610#, RU BLOOIES, MANIFOLD & BLEED-OFF LINES, RU PWR TONGS & KILL WELL. LD 2.875" TBG, RU HLS & SET WLBP @ 2000' IN 5.5" CSG, RD HLS. PREP TO PU DC & DP. (14) DC, 2.875" IF W/1.5" - 1.625" ID & 3.5" OD DP - 2.875" TOH W/2.75" ODT J & 2.156" ID. CHANGE RAMS, FILL HOLE W/46 BBLs WATER, PSI TEST CSG, RAMS, VALVES, MANIFOLD, 2500 PSI HIGH, 250 LOW, SLOW DUE TO AIR IN CASING. PICK UPDRILL COLLARS, DRILL PIPE, RIG UP POWER SWIVEL. UNLOAD HOLE W/AIR, DRL BRIDGE PLUG W/1400 CFM & WATER, TOOK 1.5 HRS DRL BP, PICK UP DP, TAG @ 2725'. CLEAN OUT TO TD, CIRCULATING W/1400 CFM AIR UNTIL CLEAN. TOH, TIH W/UNDER REAMER, PICK UP SWIVEL, BREAK CIRCULATION, UNDER REAMING.

UNDER REAMING FROM 2643' TO 2757' USING 1800 CFM AIR @ 750-800 PSI W/2.5 GAL SOAP PER 20 BBLs WATER, 10 GPM MIST. ROTATE & RECIPITATE @ BOTTOM OF COTTONWOOD COAL, WORK PIPE, PU & LOSE HOLE, REMOVE REAMER. TOH, LAY DWN UNDER REAMER, TIH W/4.75 BIT, TAG @ 2750'. ROTATE & RECIPITATE CLEAN OUT TO 2808' W/1800 CFM AIR & 10 GPM MIST W/ SOAP MIX, SEEM TO BE DRILLING NEW HOLE, CONE OFF BIT, TIH, TAG FILL @ 2752'. ROTATE & RECIPITATE, SEEM TO BE DRILLING NEW HOLE @ 2911'. C/O W/1600 CFM AIR & 10 BPH H2O W/4 GAS SOAP MIX. TRY PUMPING SWEEPS & STICKS PIPE, 600-1200 PSI. ROTATE & RECIPITATE PUMP SAME W/5 BBLs SWEEPS EVERY HOUR. 1600 CFM AIR, 425 PSI. 2803' IS AS DEEP AS WE GET INTO LARGE SHALE SECTION BELOW COTTONWOOD #1 2743' - 2759'. COTTONWOOD #2 COMES IN @ 2832'.

ROTATE & RECIPITATE SAME AIR MIST @ 2800' TORQUE & TIME ON BIT. TRIP, LAY DWN 7 JTS DP, TOH, CHG BIT TO M44, SEALED BEARING BIT, TIH. PICK UP SWIVEL. 1300 CFM AIR, 8 GPM SOAP MIST .480# PSI @ 2776 BY MIDNITE. RUN 5 BBLs H2O SWEEPS EACH 30 MIN FOR 8 HRS. RIG REP, CHANGE OUT SWIVELS. C/O TO 2986' @ 1630 HRS. ROTATE & RECIPITATE W/HEAVY SHALE LIGHT COAL. TOH TO SHOE & TIH TO CK FILL & IF POSSIBLE PREP TO UNDER REAM. ROTATE & RECIPITATE @ 2986', CIRC W/1300 CFM AIR & SOAP SWEEPS, CIRC HEAVY AMOUNTS OF COAL & SHALE. SHORT TRIP TO SHOE @ 2600'. RIG SERVICE, TRIP BACK IN HOLE, TAG BRIDGE @ 2746', CLEAN OUT HOLE TO 2986' W/1300 CFM AIR SOAP SWEEPS, CIRC UP HEAVY AMOUNTS OF COAL & SHALE. ROTATE & RECIPITATE @ 2986', CIRC W/1300 CFM AIR & 10 BBLs/HR H2O, CIRC HEAVY AMOUNTS OF COAL & SHALE. PLAN TO CLEAN UP & SHORT TRIP TO CHECK FOR FILL.

ROTATE & RECIPITATE @ 2986', CIRC W/1300 CFM AIR & 10 BBLs H2O/HR CIRC HEAVY AMOUNTS OF COAL & SHALE. ROTATE & RECIPITATE SAME AIR MIST, PULL UP TO 2790', TOH TO SHOE @ 2600'. RIG SERVICE & CHANGE OUT STRIPPER RUBBER, TIH, TAG BRIDGE @ 2772'. CLEAN OUT HOLE TO 2790'. RIG REPAIR, WORK ON POWER SWIVEL, TRIP OUT TO SHOE @ 2600', RIG REPAIR, CHANGE OUT POWER SWIVEL. TIH, TAG BRIDGE @ 2741', CLEAN OUT HOLE TO 2865', CIRC W/1300 CFM AIR & H2O MIST. CLEAN OUT HOLE TO 2986' W/1300 CFM AIR & 8 GPM MIST, R&R @ 2986', CIRC W/1300 TO 2100 CFM AIR & 8 GPM MIST, TOH TO SHOE @ 2600'. RIG SERVICE, TRIP BACK IN, TAG BRIDGE @ 2741'. CLEAN OUT HOLE TO 2788', CIRC W/1300 CFM AIR & 10 BBLs H2O/HR, TRIP OUT TO CHECK BIT.

FINISH TOH, FUNCTION TEST BOP. TRIP IN W/NEW BIT, TAG BRIDGE @ 2736'. CLEAN OUT HOLE TO 2803', CIRC W/1300 CFM AIR & 8 GPM SOAP, CIRC UP LINES, WELL MAKING WATER. TRIP OUT FOR CST, CAVITATE/SURGE WELL, PRESENT OPERATION RIG UP TO CAVITATE. CAVITATE SURGE WELL, SURGE 10 TIMES 350 PSI IN 1 HR SHUT INS, HEAVY AMOUNTS OF WATER RETURNS. FLOWING WELL TEST @ 1740', 1522', 1595'. BLOW WELL DWN. TIH, TAG BRIDGE @ 2741'. CLEAN OUT HOLE TO 2986', PULL BACK UP TO 2800', CLEAN OUT FROM 2800'. CIRC W/1300 TO 2100 CFM AIR & 8 GPM SOAP. WELL MAKING WATER, NO COAL OR SHALE TO SURFACE.

CLEAN OUT HOLE TO 2946', CIRC W/1300 CFM AIR & H2O MIST, TRIP OUT OF THE HOLE, CAVITATE/SURGE WELL #2, SURGE 9 TIMES 360 PSI IN 1 HR, HEAVY WATER, BLOW WELL DWN. FLOWING WELL TEST #2 @ 1305', 1595', 1885'. TRIP IN HOLE TAG BRIDGE @ 2738'. CLEAN OUT HOLE TO 2768', CIRC W/1300 CFM AIR & H2O MIST, NO COAL OR SHALE. CLEAN OUT HOLE TO 2865', PRESENT OPERATION, CIRC W/1300 CFM AIR & H2O MIST, NO COAL OR SHALE. CLEAN OUT HOLE TO 2986', CIRC W/1300 CFM AIR & H2O MIST, NO COAL OR SHALE TO SURFACE, TRIP OUT. CAVITATE/SURGE WELL #3, SURGE 7 TIMES 350 PSI IN 1 HR, HEAVY H2O, BLOW WELL DWN. FLOWING WELL TEST #3 @ 1233', 1450'. TIH, TAG BRIDGE @ 2746'. CLEAN OUT HOLE TO 2803', CIRC W/1300 CFM AIR & 10 BBLs H2O/HR. CIRC UP SOME COAL & SHALE, HEAVY H2O.

ROTATE & RECIPITATE W/1300 CFM AIR, STUCK, WORK STUCK PIPE @ 2807'. PULL 60K OVER, R/U HOMCO TO FRPT, PULL 100K OVER, CAME FREE & L/D 2 JTS. C/O TO 2772' W/H2O & AIR, 600-800#, HOLE PACKED OFF @ 2806', L/D 2 JTS, C/O TO 2772', NO SOAP, CIRC & DRY UP. TOH TO CST #4, S/I 340# PSI @ 1HR. WELL RETURNED TO PRODUCTION 3/5/94.