

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

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)

1670FNL

1985FWL

Sec. 8 T 31N R 11W

5. Lease Designation and Serial No.

SF-078095

6. If Indian, Allottee or Tribe Name

7. If Unit or CA, Agreement Designation

8. Well Name and No.

Case B #2A

9. API Well No.

3004523174

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 workover

- ☐ 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

RECEIVED  
JUN - 2 1994  
OIL CON. DIV.  
DIST. 3

RECEIVED  
BLM  
94 MAY 26 AM 11:48  
070 FARMINGTON, NM

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

Signed

*Dallas Kalahar / SP*

Title

Staff Business Analyst

Date

05-23-1994

(This space for Federal or State office use)

Approved by

Title

Conditions of approval, if any:

Date

MAY 27 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 statement or representations as to any matter within its jurisdiction.

\* See Instructions on Reverse Side

NMOCD

## 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.

CASE B #2A

10/20/93 MIRUSU & EQUIP. 12 HR SI SIC 350 SIT 290. SIBH 0. SET TBG PLUG @ 5330'. BLOW DWN. NDWH-NUBOP TEST TO 1500 PSI, OK. NU 7" BLOW LINE. BLOW WELL DWN. TIH TAG @ 5440'. PBD (NO FILL). TOH TALLY TBG & LANDED @ 5390'. RUN 4.5" GAUGE RING 3002' TO 5433'. RUN GAMMA RAY LOG 5433' TO 4491'. PERF 2 SPF 5316' TO 4967'. SET 4.5" BP @ 4830'. FILL HOLE W/150 B OF KCL. SI. OPEN WELL NO FLOW. PRESSURE TEST CSG, LINER TOP & BP SET @ 4830'. TEST TO 3500 PSI, OK. LOG W CBL & GR 4830' TO SURFACE. CMT TOP @ 1380'. TIH W/TBG TO 3620. SWAB WELL DWN TO 2500', TOH. PERF 2 SPF 4620' TO 4310'. SI.

RU TREE SAVER. RU HOWCO FRAC EQUIP. FRAC MV CLIFFHOUSE 4310' TO 4620'. WENT TO 7500 GAL FLUSH, 4000 GAL INTO FLUSH WELL WENT ON VAC. SHUT HOWCO DWN, SI FRAC. INSTALL BLOW DWN SPOOL & LINES W .25" CHOKE. FLOWED WELL ON .25" CHOKE 6 HRS. WELL LOGGED OFF.

12 HR SI SIC 150, NO TBG, SIBH 0. BLOW DWN. TIH W/6.25" BIT & 7" SCRAPER TO LINER TOP @ 3006', TOH. TIH W/MULE SHOE & 2.375" TBG. TAG FILL @ 3712'. TOH. TIH W/4.5" BP SET @ 3649'. TEST CSG & LINER TOP TO 1000 PSI, OK. RET BP SET @ 3649', TOH. TIH W/7" BP SET @ 2920'. CIRC HOLE W/100 B KCL WATER. TEST CSG & BP TO 1000 PSI, OK. SPOT SAND ON BP @ 2920', TOH. SI.

PERF 2 SPF @ 950', PMP DYE TEST, SET RATE 4 BPM @ 700 PSI. 66 B PUMPED. CIRC DYE TO SURFACE, CIRC BH FOR 3 HRS, CLEAN UP HOLE. TIH W/7" PK SET @ 720'. TEST BS TO 500 PSI, OK. CMT W/240 SXS B NEAT W .03% HALIAD 344, .02% SUPER CBL, 5% CAL SEAL. TAIL W/100 SXS B NEAT W/.03% HALIAD 344, 5% MIRO BOND, 5% CAL SEAL. CIRC 23 B OF CMT TO SURFACE, DISPLACE CMT TO 850', SI W/400 PSI. REL SI CSG, REL PK @ 720', TOH. TIH W/6.25" BIT, 7" SCRAPER & 6 3.125" DC. TAG CMT @ 850', DRLG CMT TO 950', CIRC CLEAN. PRESSURE TEST SQUEEZE TO 500 PSI. 30 MIN, OK. TIH W/ BIT TI 1500'. TOH, SI.

TIH REL BP SET @ 2950', TOH. TIH W/MULE SHOE & 2.375" TBG, TAG FILL @ 3712'. CIRC W/N2 3712' TO 3800' FOR 30 MIN. WELL STARTED TO UNLOAD FRAC FLUID, SI. DIG 50' + 50' PIT, OPEN WELL TO PIT ON 2" LINE FOR 1 HR. OPEN 7" BLOW LINE TO PIT. FLOWED WELL TO PIT FOR 8 HRS, REC 300 BBLS OF FRAC WATER. FLOW WELL OVER NIGHT.

24 HR FLOW ON 7" LINE, REC 250 BBLS OF FLUID, TOTAL FLUID REC 410 BBLS. TIH FROM 3800', TAG FILL @ 4500'. CLEAN OUT FILL FROM 4500' TO 4750' W/N2 FOAM. CIRC @ 4750' FOR 1 HR. TOH LAND TBG @ 4317'. NDBOP-NUWH. FLOW TBG OVER NIGHT ON 2" LINE. REC 120 BBLS OF WATER, TOTAL WATER REC 530 BBLS. FCP 270, FTP 0, SIBH 0.

MISU & SPOT RIG 12/17/93. PMP 15 BBLS DWN TBG NDWH NUBOP, TIH & TAG FOR FILL @ 4774. TALLIED & TOH W/139 JT & SN. TBG WAS LANDED @ 4344', TIH W/RBP & SET @ 4288 KB.

bled off PRESS PMP DWN & CIRC HOLE W/80 BBLS, CIRC OUT GAS & PRESS TEST CSG TO 1000 PSI FOR 30 MIN. LOST 20 PSI, RU SWAB & REC 8 BBLS IN 12 RUNS. REMOVED & REPLACED CSG VALVE, LATCHED ON RBP @ 4287' & TOH, PMP 12 BBLS. TIH W/ 1/2 MULE SHOE, 1 JT 2-3/8 TBG, SN, 11 JTS TBG ANCHOR CATCHER, 137 JTS TBG & LANDED @ 40 KB. SET ANCHOR W/14 K OVER @ 4281'. NDBOP NUWH. MOVED OFF RIG, SKIDED PMP UNIT 12/23/94.

MIRUSU 12/31/93. BLOW DWN WELL, RIG TO PULL RODS. TOH W/RODS & PMP. BLOW DWN WELL, TIH TAG FILL @ 4566'. RIG UP HES, CLEAN FILL TO 4768', HAD 54' OF PERFS COVERED, CLEAN 202' SAND, TOH ABOVE PERFS, WAIT 30 MIN. TIH CLEAN TO PBD, TOH TO 4378', LAND TBG IN SLIPS, CLOSE BOP RAMS RIG FLOWLINE TO FLOW BACK TANK W/ 1/2" CHOKE. RIG HES TO CSG & PRESS UP ANNULUS W/N2 TO KICK WELL OFF FLOWING, MAINTAIN PRESS UNTIL WELL IS FLOWING ON ITS OWN PRESSURE. RIG DWN HES, RIG TO FLOW OR PUT ON PMP.

BLOW DWN WELL, TIH TAG FILL @ 4734', HAD 20' FILL, TOH LAND TBG @ 4378'. RIG TO SWAB.

TIH TAG FILL @ 4668', RIG UP HES, CLEAN OUT FILL W/N2 TO 4815'. TOH TO 4526', KICK WELL OFF W/N2 FLOWING. REC 88 BBLS, TOTAL REC 797 BBLS, WELL FLOWING W/ 1/2" CHOKE @ 230# TBG, CSG 540#. TIH TAG FILL @ 4780', MADE 35'. FILL OVER WKND, REC 480 BBLS WATER, FLOWING ON 1/2" CHOKE, TIH W/RODS. TOH LAYING DWN RODS, TOH TBG LAND @ 4526'. NDBOP, NUWH, RIG TO SWAB. WELL KICKED OFF FLOWING, RDSUMO 1/11/94.

FLOW ON 1/2" CHOKE, REC 10 BBLS WATER, INSTALLED AN ADJUSTABLE CHOKE IN FLOW LINE. SWAB AS NEEDED. RDSUMO 1/12/94. FLOWING WELL ON 16/64 CHOKE, TBG 40#, CSG 260#, REC 30 BBLS WATER, TOTAL REC 1697 BBLS.

FLOWING WELL 16/64 WELL LOGGED OFF 0# TBG, CSG 390# RECOVER 25 BBLS WATER. RIG UP WIRELINE, TIH. TAG FILL @ 4761'. GL WILL ATTEMPT TO KEEP WELL FLOWING UNTIL A RIG IS AVAILABLE TO RU RODS & PMP. 2/1/94 MIRUSU. TIH TAG FILL @ 4773', TOH LAND TBG @ 4657'. DID NOT RUN AN ANCHOR ON TBG STRING. MULE SHOE 1 JT TBG. SN & 149 JTS TBG. NDBOP, NUWH, PICK UP & TIH W/PMP & 184 3/4" PLAIN RODS & 22' POLISHED ROD. READY TO SPACE PMP & HANG ON.

SPACE PMP, TEST PMP, RDSUMO 2/2/94. UNSEATED PMP TOH W/185 3/4 RODS & PMP. NIP DWN WELL HEAD & NIP UP BOP. TOH W/149 JTS TBG. TIH W/RET HEAD. TAGGED UP @ 4760'. RU N2 EQUIP & CLEANED OUT TO RBP @ 4830 RELEASED. RBP & TOH. TIH W/SAW TOOTH COLLAR & TBG TO 5420 & CLEANED OUT TO 5440 PBTD. TOH W/TBG. USED 165K N2 TO CLEAN OUT.

RIGGED UP WLE & RIH & PERF MV W 3-1/8 HSCG W/2 JSPF 120 DEG PHASED 13 GR CHARGE FROM 4470' - 4472', 4480' - 4483', 4487' - 4514', 4516' - 4530'. RD WLE. TIH W/PROD STRING 1/2 MULE SHOE 1 JT. SN 170 JTS 2-3/8 TBG & LANDED @ 5343. NDBOP NU WELL HEAD. TIH W/NEW PMP & 211 3/4 RODS 4 & 8' PONY RODS & SPACED OUT & HUNG WELL ON. LOADED TBG & PRESS TEST TBG W/PMP JACK TO 500 PSI. TURNED WELL OVER TO PRODUCTION. RDMOSU 4/14/94.

CSB2A.DOC/SP