

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

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

RECEIVED  
BLM APPROVED  
Budget Bureau No. 1004-1135  
Expires September 30, 1990  
Lease Designation and Serial No.  
SF-078387 A  
of Indian, Allottee or Tribe Name

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)

1770' FSL, 1825' FEL NW/SE Sec. 28, T31N-R8W

7. If Unit or CA Agreement Designation

8. Well Name and No.

Kernaghan B 2A

9. API Well No

30 045 22420

10. Field and Pool, or Exploratory Area

Basin Fruitland Coal G

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
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection

Plug and Abandon *Final Only*  
(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 intends to Plug and Abandon the subject well.  
See Attached for procedure:

RECEIVED  
JUN 18 1991  
OIL CON. DIV.  
DIST. 3

If you have any questions please call Julie Zamora at 303-830-6000

APPROVED  
Date 5-30-91  
*[Signature]*

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

Signed *John Hampton*  
(This space for Federal or State office use)

Title Sr. Staff Admin. Supv.

Approved by \_\_\_\_\_  
Conditions of approval, if any:

Title \_\_\_\_\_

## 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 in-

structions 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.

Public reporting burden for this form is estimated to average 30 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.

PXA Procedure  
Fruitland Formation Only  
Kernaghan B #2A

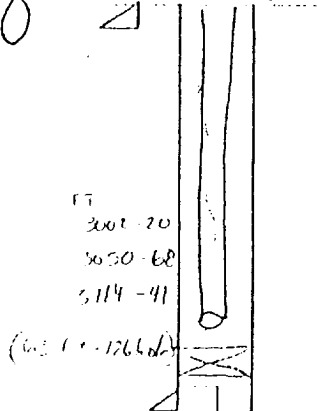
1. Check location for anchors. Install if necessary. Test anchors.
2. MIRUSU. Blow well down. Kill if necessary w/2% KCL. NDWH. NUBOP.
3. POOH and lay down 1-1/4" tubing. POOH w/2-3/8" tubing. Pluck out model D packer set at 3200'. (Drift ID of 7" casing 6.331 "). RIH with 7" bit and scraper to liner top at 3245.
4. RIH with 7" RBP and packer. Set bridge plug at 2950'. Pull up one stand and pressure test bridge plug to 1500#. Load backside, test casing to 800#. If no leak is present run CBL from 2950' to surface. If leak present, isolate. POOH with packer. Fax copy of bond log to Ty Smith at 830-4777.
5. Move RBP and set at 3225'. Spot 2 sks sand on RBP. Set packer at 2800'.
6. Establish injection rate and pressure into perforations, 3002' to 3141'.
7. Squeeze Fruitland perforations with 50 sacks class G neat cement. Do not exceed 1500# squeeze pressure. WOC 24hr. TOH and lay down packer.
8. Contact Ty Smith at x5164 in Denver for further procedures concerning bradenhead pressure.
9. RIH w/ 7" bit and scraper and drill out cement. TOH with 7" bit and scraper. TIH with retrievable head. Circulate hole clean.
10. Swab and pressure test perfs. POOH w/RBP.
11. TIH with bit and scraper for 4- 1/2" 10.5 # per ft casing, clean out to PBTD. TOH. RIH with 2-3/8" notched collar, 1 jt. 2-3/8" tubing, standard SN, and balance of 2-3/8" tubing landing at 5754'.
12. NDBOP. NUWH. RDMOSU. Call in swabbing unit, if necessary. Return well to production.

KERNAGHAN 5 2A (FT) E 95(47)  
(MV) E P 4435

KERNAGHAN LS 002A 1490  
Location -- 28J-- 3IN-- 8W  
SINGLE MV MV/SE  
Orig. Completion -- 2/78  
Last File Update -- 1/89 by DDM

*Before PXA*

OSO ALAMO 1750-2028  
KIRTLAND 2028-2832  
FRUHLAND 2832-3166  
PC 3166 -



TOP OF 9.625 IN OD CSA 242  
32.3 LB/FT, K-55 CASING  
TOC - 3002

TOC 1875

TOP OF 4.5 IN. LINER AT 3245  
BOT OF 7 IN OD CSA 3416, 20 LB/FT  
K-55 CASING  
IOC - 1875

*1 1/4 inch*

TOC 4700'

MV -- 3SPT PERF 5044 - 5050  
MV -- 1SPT PERF 5060 - 5083  
MV -- 2SPT PERF 5118 - 5134  
MV -- 1SPT PERF 5146 - 5200  
MV -- 2SPT PERF 5411 - 5419  
MV -- 1SPT PERF 5431 - 5471  
MV -- 3SPT PERF 5504 - 5513  
MV -- 2SPT PERF 5527 - 5532  
MV -- 1SPT PERF 5542 - 5603  
MV -- 1SPT PERF 5635 - 5645  
5657 - 5670  
5689 - 5701

5748 - 5760

5754'  
BOT OF 2.375 IN OD TBG AT 5769

PHID AT 5796 FT.

TOTAL DEPTH 5814 FT.

BOT OF 4.5 IN OD LINER AT 5814  
10.5 LB/FT, KS CASING

Cathodic Protection - ?