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Form 3160-5
(June 1990)

UNITED STATES Bureau of Land Management
DEPARTMENT OF THE INTERIOR Durango, Colorado
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 <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Designation and Serial No. NM-009717
2. Name of Operator Amoco Production Company Attn: J.L. Hampton		6. If Indian, Allottee or Tribe Name
3. Address and Telephone No. P.O. Box 800 Denver, CO 80201		7. If Unit or CA, Agreement Designation
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 1780' FSL, 1495' FEL Sec. 6, T30N-R8W, NW/SE		8. Well Name and No. Florance #37A
		9. API Well No.
		10. Field and Pool, or Exploratory Area Blanco Mesaverde
		11. County or Parish, State San Juan, NM

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 Cathodic Protection
	<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
	<input type="checkbox"/> 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.)*

Amoco requests permission to drill a ground bed cathodic protection well at the above location to service the producing well.

Please see the attached procedures.

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OIL CON. DIV.
DIST. 3

ACCEPTED FOR RECORD
FARMINGTON RECORD AREA

NOV 20 1991

FARMINGTON, NEW MEXICO
BY *JB*

Please contact Cindy Burton (303)830-5119 if you have any questions.

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

Signed <i>JL Hampton</i>	Title <i>Staff Admin. Supr</i>	Date <i>11/11/91</i>
(This space for Federal or State office use)		
Approved by _____	Title <i>NMOSH</i>	Date _____
Conditions of approval, if any: _____		

ations, 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.

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.

Attachment 1: Conventional Groundbed Installation

1. Groundbeds will be installed with vertical augured holes, 12" diameter by a depth of no more than 15'.
2. Spacing will be 10' to 20' centers, depending on available land.
3. Anodes will be 3" x 60" treated graphite anodes.
4. Backfill material will be Loresco SWK, and will be poured into the hole dry, out of the bag. At least 2' of backfill will be installed above and below the anode, and the anode will be installed along the centerline of the hole.
5. The groundbed will be positioned at least 100' from the well-bore(s) to be protected, in a low resistivity area. Amoco will supply contractor with approximate location of low resistivity soil, however, contractor will be required to confirm soil resistivities in the area in which the groundbed is to be installed.
6. Anode lead wires will be buried in a common trench, minimum depth 24", terminating in an appropriate junction box. All lead wires will be #8 AWG HMWPE cable. No splicing will be allowed.
7. A #8 AWG HMWPE positive cable will be installed with one end terminated in the junction box and the other end terminated in the direct-current power source, which will be provided by Amoco Production Company.
8. Following is a summary of installations:
 - 3 ea. 10 anodes to 15' hole depth
 - 3 ea. 8 anodes to 15' hole depth
 - 1 ea. 8 anodes to 12' hole depth
 - 1 ea. 8 anodes to 10' hole depth