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APPROVALS

YEAR(S):

7/26/1996



STATE OF NEW MEXICO
ENERGY, MINERALS AND NATURAL RESOURCES DEPARTMENT

OIL CONSERVATION DIVISION
2040 S. PACHECO
SANTA FE, NEW MEXICO 87505
(505) 827-7131

July 26, 1996

CERTIFIED MAIL
RETURN RECEIPT NO. P-269-269-181

Mr. B.D. Shaw
Amoco Production Company
200 Amoco Court
Farmington, New Mexico 87401

**RE: INVESTIGATION WORK PLAN
JICARILLA APACHE 102-30 WELL SITE**

Dear Mr. Shaw:

The New Mexico Oil Conservation Division (OCD) has completed a review of Amoco Production Company's (Amoco) May 9, 1996 "AMOCO SITE ASSESSMENT PLAN FOR THE JICARILLA 102-30 WELL SITE. RESPONDING TO NMOC D LETTER DATED MARCH 14, 1996" which was submitted on behalf of Amoco by their consultant Blagg Engineering, Inc. This document contains Amoco's plan for investigating the extent contamination as part of the pit closure activities for the Jicarilla Apache 102-30 well site in the San Juan Basin of Northwestern New Mexico.

The above referenced investigation work plan is approved with the following conditions:

1. At a minimum, soil samples from each boring will be taken from the interval with the highest field PID readings and the bottom of the boring. The soils will be sampled and analyzed for benzene, toluene, ethylbenzene, xylene and total petroleum hydrocarbons using appropriate EPA methods and quality assurance/quality control.
2. All boreholes will be properly plugged and abandoned upon completion by grouting the hole to the surface with cement containing 5% bentonite.
3. Amoco will submit a report on the investigation to the OCD by November 1, 1996. The report will contain:
 - a. A description of all activities which occurred during the investigation including conclusions and recommendations.
 - b. Summary tables listing all soil laboratory analytic results including copies of the laboratory analyses and quality assurance/quality control data.

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4. Amoco will notify the OCD at least one week in advance of all scheduled activities such that an OCD representative has the opportunity to witness the events and/or split samples.
5. All documents submitted for approval will be submitted to the OCD Santa Fe Office with copies provided to the OCD Aztec District Office.

Please be advised that OCD approval does not relieve Amoco of liability if contamination exists which is beyond the scope of the work plan, or if the activities fail to adequately determine the extent of contamination related to Amoco's activities. In addition, OCD approval does not relieve Amoco of responsibility for compliance with any other federal, state or local laws and/or regulations.

If you have any questions, please call me at (505) 827-7154.

Sincerely,



William C. Olson
Hydrogeologist
Environmental Bureau

xc: OCD Aztec District Office
Kurt Sandoval, Jicarilla Apache Tribe, Environmental Office
Nelson Velez, Blagg Engineering, Inc.

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PS Form 3800, April 1995