DEPARTMENT OF THE INTERIOR (Other instructions on re-Expires August 31, 1985 والإنجاز والمستثب 5. LEASE DESIGNATION AND SERIAL NO. Furnerly 9-331: BUREAU OF LAND MANAGEMENT 14-20-603-2027 IF INDIAN, ALLOTTEE OR TRIBE NAME SUNDRY NOTICES AND REPORTS ON WELLS the not use this form for proposals to drill or to deepen or plug back to a different reservoir.

Use "APPLICATION FOR PERMIT—" for such proposals.) Navajo Tribal 7. UNIT AGREEMENT NAME OTHER 8. FARM OR LEASE NAME NAME OF OPERATOR Chase Energy, Inc. dba Action Oil DEB 9. WELL NO. ADDRESS OF OPERATOR 3301 East Main Farmington, New Mexico 87401 10. FIELD AND POOL, OR WILDCAT See also space 17 below.)
At surface Slick Rock Dakota
11. SEC., T., E., M., OB BLE. AND
SURVEY OR ARMA 690 700 FEL Sec 36, T30N, R17W 12. COUNTY OF PARISH 13. STATE 15 ELEVATIONS (Show whether DF, RT, GR. etc.) 14. PERMIT NO Gr 5041 San Juan Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data 16 SUBSECUENT APPORT OF : NOTICE OF INTENTION TO: REPAIRING WELL WATER SHUT-OFF TEST WATER SHUT-OFF PULL OR ALTER CASING FRACTURE TREAT FRACT BE TREATMENT ALTERING CASING SHOOTING OR ACIDIZING ABANDON* H OT OR ACIDIZE (Other) Plug and abandon EFMR WELL Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form. 7. A SCHIBE PROPOSED OR COMPLETE OPERATIONS Closely state all perfinent 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.) * Operator will pump approxiamtely \$5 sks dement and plug from top to bottom. Hole size is 4 3/4" and can be plugged in such a fashion that the farmer can utalize the surface without interference with the dry hole marker if the well can be cut off 4' below the surface. If the BIA will permit, this will be the method used. If permission cannot be obtained a regular dry-hole marker will be set. will be plugged within 30 days of May 21, 1990, when the Bankruptcy court will convey this leasehold interest to the purchaser, Action Oil. SEE ATTACHED FOR

SIGNED

TITLE Operator

Op

COMPITIONS OF APPROVAL

*See Instructions on Reverse Side

AREA MANAGER

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT FARMINGTON RESOURCE AREA 1235 LA PLATA HIGHWAY FARMINGTON, NEW MEXICO 87401

Attachment	to Notice of	Re: Permanent	Abandonment
Intention :	o Abandon	well: -∀ ol	- h

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. What k Kelly with the Farmington Office is to be notified at least 14 hours before the plugging operations commence (505) 325-6201.
- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made (when applicable):

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Office Hours: 7:45 a.m. to 4:30 p.m.

GENERAL REQUIREMENTS FOR PERMANENT ABANDONMENT OF WELLS ON FEDERAL AND INDIAN LEASES FARMINGTON RESOURCE AREA

- 1. Secure prior approval either on a Sundry Notice (Form 3160-5) or verbally from the Fluids Drilling & Production Section at this office before changing the approved plugging program.
- 2. Plugging equipment used shall have separate mixing and displacement pumps and a calibrated tank to assure proper displacement of plugs. The Operator is responsible for providing all measuring devices needed to assure proper measurement of materials being used.
- 3. A proper tank or pit will be used to contain all fluids pumped from the well during plugging operations. Unattended pits are to be fenced.
- 4. All cement plugs are to be placed through tubing (or drillpipe) and shall be a minimum of 100 feet in length with 50% excess inside casing or 100% excess when plug is set in open hole or squeezed into perforations. 15.6#/gal slurry weight is to be used when using class B neat cement or when CaCl₂ is used. Use the recommended slurry weight of other type cements when they are used (Class C, Pozzolan etc.).
- 5. Any cement plugs placed when well is not full of fluid, or when well may be taking fluid, (i.e. across perfs-unless bridge plug or retainer is used, across bad csg., or fresh water formations) will be tagged (touched) after cement has set to verify proper location.
 - 5a. Testing The first plug below the surface plug shall generally be tested by either tagging the plug with the working pipe string, or pressuring to a minimum pump (surface) pressure of 1000 psig, with no more than a 10 percent drop during a 15-minute period (cased hole only). If the integrity of any other plug is questioned, it must be tested in the same manner. Also, any cement plug which is the only isolating medium for a fresh water interval or a zone containing a valuable mineral deposit should be tested by tagging with the drill string.
- 6. Mud must be placed between plugs. Plugging mud is to be made up with a minimum of 15 lbs/bbl of sodium bentonite, and a nonfermenting polymer.

 Minimum consistency of plugging mud must be 9 lbs/gal and with a minimum viscosity of 50 sec/qt. Fresh water is to be utilized for mixing mud.
- 7. Following the placement of a cement plug, the withdrawl rate for at least the length of the cement plug shall not exceed 30 ft/min, in order to minimize the contamination of the plug.

- 8. Within 30 days after plugging work is completed, file a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5), in quintuplicate with Area Manager, Bureau of Land Management, 1235 La Plata Highway, Farmington, NM 87401. The report should give in detail the manner in which the plugging work was carried out, the extent (by depths) of cement plugs placed, and the size and location (by depths) of casing left in the well. Show date well was plugged.
- 9. All permanently abandoned wells are to be marked with a regulation marker (4" pipe extending 4' above the ground line) containing the information as specified in 43 CFR 3162.6(d). Unless otherwise approved.
- 10. After plugging work is completed the surface is to be rehabilitated in accord with instructions from the Fluids Surface Management Section of the Farmington Resource Area Office.

All above are minimum requirements. The period of liability under the bond of record will not be terminated until the lease is inspected and surface work approved.

Please advise this office when the well location is ready for final inspection.

Failure to comply with the above conditions of approval may result in an assessment for noncompliance and/or a Shut-in Order being issued pursuant to 43 CFR 3163.1.

You are further advised that any instructions, orders or decisions issued by the Bureau of Land Management are subject to administrative review pursuant to 43 CFR 3165.3 and appeal pursuant to 43 CFR 3165.4 and 43 CFR 4.700.