	UNITED STATES RTMENT OF THE INTERIOREAU OF LAND MANAGEMENT		Budget Bureau No. 1004-0135 Expires August 31, 1985 5. LEASE DESIGNATION AND SERIAL NO. NM-53171
SUNDRY N	OTICES AND REPORTS Croposals to drill or to deepen or plug be LICATION FOR PERMIT—" for such pro-	N WELLS	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
1.		· · · · · · · · · · · · · · · · · · ·	7. UNIT AGREEMENT NAME
OIL CAS CAS OTHE	8		
2. NAME OF OPERATOR			8. FARM OR LEASE NAME CHASE
ROZE OIL COMPANY			9. WELL NO.
3. ADDRESS OF OPERATOR			#1
P.O. BOX 2370 FARMINGTON, N.M. 87499 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*			10. FIELD AND POOL, OR WILDCAT
See also space 17 below.)			PUERTO CHIQUITO E. MANCOS
At surface 495 N 495 E			11. SEC., T., E., M., OR BLK. AND
790 N 790 D			NE/4NE/4 Sec.4 T25N R1E
14, PERMIT NO.	15. SLEVATIONS (Show whether DF,	RT, GR, etc.)	12. COUNTY OR PARISH 18. STATE
1	7180 GR		RIO ARRIBA N.M.
TEST WATER SHUT-OFF FRACTURE TREAT SHOOT OR ACIDIZE REPAIR WELL 10ther) 17. DESCRIBE PROPOSED OR COMPLETE, proposed work. If well is di nent to this work.)* 1100! Deep Plug back to 772	Appropriate Box To Indicate N NTENTION TO: PULL OR ALTER CASING MULTIPLE COMPLETE ABANDON* CHANGE PLANS DOPERATIONS (Clearly state all pertinent rectionally drilled, give subsurface located) With 47 sacks of cemes Fill between plugs wi	WATER SHUT-OFF FRACTURE TREATMENT SHOOTING OR ACIDIZING (Other) (Note: Report results Completion or Recomp details, and give pertinent dates, ions and measured and true vertice nt, run plug 130 to	BEPAIRING WELL ALTERING CASING ABANDONMENT* s of multiple completion on Well letion Report and Log form.) Including estimated date of starting any al depths for all markers and zones perti-
RECEIVED ILM MAIL ROOM AUG 25 PH 1: 17 NGTON RESOURCE AREA MINGTON, HEW HEXICO	STE ATTAC CONDITIONS O	HED FOR F APPROVAL	RECEIVED AUG 3 1 1938 OIL CON. DIV DIST. 3

18. I bereby certify that the foregoing is true and correct PRESIDENT TITLE (This space for Federal or State office use) TITLE . FARMINGTON RESOURCE *See Instructions on Reverse Side

WOCC

BUREAU OF LAND MANAGEMENT 1235 La Plata Highway Farmington, New Mexico 87401 Phone (505) 327-5344

Attachment to Notice of	Re: Permanent Abandonment
Intention to Abandon	Well: Chase

CONDITIONS OF APPROVAL

- 1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. Mark Kelly with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 327-5344.
- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made (when applicable):

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 $30 \, \text{ft/min}$, 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.