| Form  | 3160-5 |
|-------|--------|
| (June | 1990)  |

Approved by\_

## UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

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|------------|---------|-------|--------|
| Budget Bur | cau No. | 10    | 04-013 |
| Evnires    |         |       |        |

Expires: March 31, 19

| Lease Designation and Serial N | l |
|--------------------------------|---|
| TT 4 02/04 4                   |   |

| SUNDRY NOTICES AND  | NM 036224   |   |
|---|---|---|
| Do not use this form for proposals to drill of to deepen of recently to a different reservoir |   | 6. If Indian, Allottee or Tribe Name                                |
| Use "APPLICATION FOR PERMIT -" for such proposals   |   | N/A   |
| SUBMIT IN TRIP  | LICATE  | 7. If Unit or CA, Agreement Designation                             |
|   |   | N/A   |
| 1. Type of Well Oil Well Gas Well Other   |   | 8. Well Name and No.  |
| 2. Name of Operator   |   | 1   |
|   |   | Crane Federal 3   |
| Rio Chama Petroleum, Inc.   |   | 9. API Well No.   |
| 3. Address and Telephone No.  |   | 30 - 039 - 05262  |
| P. O. Box 23553, Santa Fe, NM 875   | 502, (505) 986 9723   | 10. Field and Pool, or Exploratory Area                             |
| 4. Location of Well (Footage, Sec., T., R., M., or Survey Description)                        |   | Blanco P.C. South   |
|   |   | 11. County or Parish, State   |
| D - Section 32 - T24N - R01W  |   | Rio Arriba, NM  |
| 12. CHECK APPROPRIATE BOX(s)  | TO INDICATE NATURE OF NOTICE                                      | , REPORT, OR OTHER DATA   |
| TYPE OF SUBMISSION  | TYPE OF A   |   |
| Notice of Intent  | Abandonment   | Change of Plans   |
| _   | Recompletion Plugging Back  | New Construction Non-Routine Fracturing                             |
| Subsequent Report   | Casing Repair   | Water Shut-Off  |
| Final Abandonment Notice  | Altering Casing   | Conversion to Injection   |
|   | Other   | Dispose Water  (Note: Report results of multiple completion on Well |
|   |   | Completion or Recompletion Report and Log form.)                    |
|   | proval, Rio Chama proposes to<br>I procedure and assign the welli | plug back the referenced  |
|   |   | DECEIVE   |
|   |   | 1993  |
|   |   | 111 DEC - 5 1997 L  |
|   |   | off. Con. DIV<br>desi. 3  |
| 14. I hereby certify that the foregoing is true and correct  Signed  Title                    | President   | Date 15/25/97   |
| (This space for Federa) or State office use)  | ief. Lands and Mineral Resources                                  | DEC 4 19 <b>97</b>  |

Conditions of approval, if any:

Surface review of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

#### **RIO CHAMA PETROLEUM**

# CRANE FEDERAL 3 D - Sec. 32 - T24N - R01W Rio Arriba County, New Mexico

#### Plugback to Shallow Water Supply Well

- 1. MOL and RU.
- 2. Plug #1 Set CIBP above current Ojo Alamo perfs (3235 52') at 3150'. Dump 5 10' of cement on top of CIBP. Pressure test casing to 500#.
- 3. Plug #2 Set CIBP at 1000'. Dump 5 10' of cement on top of CIBP. POH and LD setting tool.
- 4. Run GR log from top of cement to surface. Perf fresh water sand located above 400' as determined from above GR log. Set electric submersible pump.
- 5. ND BOP. Transfer wellbore to landowner.

#### CONDITIONS OF APPROVAL FOR PERMANENT ABANDONMENT

30-039-05262

Operator Rio Chama Petroleum Well Name Crane Federal #3

1)-32-24N-0/W

- 1. Plugging operations authorized are subject to the "General Requirements for Permanent Abandonment of Wells on Federal Leases."
- 2. For wells on Federal leases, Al Yepa with the Cuba Field Office is to be notified at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 289-3748. Office hours are 7:45 a.m. to 4:30 p.m.

For wells on Jicarilla leases notify Erwin Elote with the Jicarilla Apache Tribe at least 24 hours (48 hours if possible) before the plugging operations commence. His phone number is (505) 759-3242.

- 3. Blowout prevention equipment is required.
- 4. The following modifications to your plugging program are to be made :

Plug #1: The CIBP must be placed between 3197 and 3147 feet and will be covered with 50 feet of cement, unless a bailer is used, then the CIBP will be covered with 35 feet of cement

Plug #2: This plug will be a minimum of 100 feet thick.

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