

UNITED STATES DEPARTMENT OF THE INTERIOR

**BUREAU OF LAND MANAGEMENT
FARMINGTON DISTRICT OFFICE**

1235 La Plata Highway
Farmington, New Mexico 87401

Attachment to Notice of
Intention to Abandon

Re: Permanent Abandonment

Well: **14 Navajo P**

CONDITIONS OF APPROVAL

1. Plugging operations authorized are subject to the attached "General Requirements for Permanent Abandonment of Wells on Federal and Indian Leases."

2. **Mike Flaniken** with the Farmington Office is to be notified at least 24 hours before the plugging operations commence (505) 599-8907.

3. The following modifications to your plugging program are to be made (when applicable):

- * 1. RIH with tubing to 2856' to ensure the bottom of the 1.0" is not covered with fill. Load 7" casing with water. Establish an injection rate down the 1.0" and pump adequate cement to fill the 1.0", shut in the 7.0" casing to keep the cement in the 1.0" and allow the cement to set.
- 2. Extend cement plug from 2856' to 2501'. **Tag top of cement plug @ 2501'.**
- 3. Spot a cement plug from 2296' to 2196' inside the casing plus 50 linear feet excess. (top of Dakota @ 2246')
- 4. Spot a cement plug from 1489' to 1389' inside the casing plus 50 linear feet excess. (top of Gallup @ 1439')
- 5. Perforate @ 366' and place a cement plug from 366' to 266' inside and outside the casing, plus 100% excess cement in the annulus and 50 linear feet excess in the casing. (Bottom of Point Lookout @ 316')
- 6. Extend surface plug from 145' to the surface on the inside and outside of the casing. (surface casing @ 95')

Note: The above modifications are minimum standards. It is acceptable to pump additional cement and combine plugs.

* If an injection rate **can not** be established down the 1.0", spot lower cement plugs, cut 7.0" casing off at 366', pull casing, and spot a cement plug from 366' to the surface.