

U. S. Geological Survey

HOBBS DISTRICT

Union Oil Co. of California  
No. 1 Laguna Deep Federal  
SW $\frac{1}{4}$ NE $\frac{1}{4}$  sec. 35-19S-33E  
Lea County, N. M.

Above Data Required on Well Sign

CONDITIONS OF APPROVAL

1. Drilling operations authorized are subject to compliance with the attached General Requirements for Drilling Operations on Federal Oil and Gas Leases, dated January 1, 1977.
2. Notify this office (telephone (505) 393-3612) when the well is to be spudded and in sufficient time for a representative to witness all cementing operations. Attached are names and telephone numbers of Geological Survey and Bureau of Land Management personnel who are available for consultation during construction, drilling, completion, and rehabilitation activities.
3. Immediate notice is required of all blowouts, fires, spills, and accidents involving life-threatening injuries or loss of life.
4. Secure prior approval of the District Engineer for variance from the approved drilling program and before commencing plugging operations, plug-back work, casing repair work, corrective cementing operations, or suspending drilling operations indefinitely.
5. Blowout prevention equipment is to be installed, tested, and in working order before drilling below the surface casing and shall be maintained ready for use until drilling operations are completed.
6. Operations must be in compliance with the provisions of the landowner agreement concerning surface disturbance and surface restoration.
7. Drilling, casing and cementing operations must be in accordance with NMOCC Order R-111-A.
8. Cement behind the 13-3/8" and 9-5/8" intermediate casing string must be circulated to the surface.
9. Salt cement must be used for cementing the 13-3/8" casing. Cement used for the 13-3/8" and 9-5/8" casing should have a minimum compressive strength of 500 psi in 24 hours.
10. A Gamma Ray-Sonic log is to be run in open hole from the base of the Salado to the surface at a maximum logging speed of less than 30 feet per minute.