

## POST OFFICE BOX 5564 / MIDLAND, TEXAS 79701

GEORGE R. LOCKER PRESIDENT

October 30, 1974

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Great Basins Petroleum Co. 1011 Gateway West, Century City Los Angeles, California 90067

Attention: Mr. Bill Hill and Mr. Joe Kandle

Dear Sirs:

The following is a proposed drilling mud program designed for your #2 Antebellum Unit, Lea County New Mexico prospect:

## Surface (0-400')

Spud with bentonite and lime. No surface problems anticipated.

## First Intermediate (400'-5300')

Drill out with brine. This will reduce "wash outs" through the salt section. Raise viscosity to 32-33 sec/1000cc with salt gel and asbestos in the ratio of one to one (sacks) just prior to finishing hole to run pipe.

There is the strong possibility of mild to severe seepage through this interval. Treat mild seepage with paper and fiber. If loss is severe, pump two or three lost circulation material pills down with high viscosity. If this fails to restore returns suggest you "dry drill" to casing seat and sweep the hole with a 36-38 sec/1000cc asbestos pill before running pipe or logs. If brine cost proves to be prohibitive, suggest you carry viscosity from moment of excessive loss to casing seat.

## Second Intermediate (5,300'-12,500')

Drill out cement and shoe with water and displace contaminated water to reserve pits. When you start drilling new formation