

excess that should be sufficient to bring the cement top back to the surface. Before the cement job is actually performed, the required cement volume will be checked against the open hole caliper log to determine the actual amount of cement necessary to bring the cement back to the surface.

VIII. Formation Evaluation:

A. Drilling Rate:

1. The drilling rate shall be monitored with a geograph from the surface to total depth.
2. As part of their farmout agreement, El Paso Natural Gas Company requires that the penetration rate be tabulated in 10-foot increments over the entire hole.

B. Well Cutting Samples:

One set of well cutting samples shall be gathered every 10 feet from the surface to total depth. Each sample is to be cleared, bagged, and tagged and then grouped into bundles of ten samples per bundle with one bundle representing each 100-feet drilled.

After the drill cuttings have been reviewed by the wellsite geologist, they shall be delivered weekly to Midland Sample Cut, 704 S. Pecos Street, Midland, Texas.

If requested by the wellsite geologist, a second set of samples shall be gathered over the Yates and Seven Rivers interval.