

Use caliper from open hole logs to calculate cmt volume plus _____% excess.
Cmt volume should be calculated from liner seat to circulating _____sx
from liner top.

_____sx Class "H" w/40% silica flour, 1.0% HALAD-14, 15.6 PPG, 1.6 FT³/SK,
4 to 5 hrs pumping time, batch mixed.

A detailed liner running and setting procedure including a cmt program and list
of equipment required will be prepared prior to reaching liner setting depth.

NOTE: Required Halliburton to run lab tests to determine pumping times, compressive strengths (at both top and bottom of all slurries), slurry yields, etc. on each slurry of every job. These tests should be run using the cement blended with additives and water that will actually be used on the job. Tests must be run in sufficient time that the results (in written form) can be reviewed by the Drilling Foreman and the Drilling Engineer. Any changes in additives can then be made and new tests run prior to the actual job. Request that copies of all tests be delivered to the rig as well as to the Midland District Office.

BJK:lf