

- 7.(cont.) Any joints which have been blasted or ruff-coated should be spaced out across any potential pay zone (as indicated by logs). Use 10 centralizers. Centralizers will generally be concentrated around ruffcoated joints.
8. Circulate casing capacity plus (in order to clear casing). Pump 650sx Class C w/10% salt, .6% fluid loss additive, & .2% antifoam agent. Slurry weight = 14.8#/gal w/a slurry volume of 1.40 cu ft/sx and a water ratio of 6.63 gal/sx. This amount is designed to circulate cement to surface.

NOTE: These calculations incorporate 50% excess. A caliper will be ran and volumes adjusted accordingly. If cement fails to circulate, a temperature survey will be ran to locate cement top to prove whether or not cement overlaps the 8-5/8" casing shoe.
9. Completion (perforations, acid job and/or foam frac) to be determined after drilling.