



GENERAL RECOMMENDATIONS:

System Concentration:

Mix 2% - 3% by volume **TOP-SIDEWINDER**® in the active mud in the suction pit.

(ex. 8 3/4" hole to 12,000' = 893 bbls hole volume + 500 bbls active surface volume = total 1393 bbls. 2% addition = 21.5 drums **TOP-SIDEWINDER**®)

Sweep Additions:

Mix 5% - 8% by volume **TOP-SIDEWINDER**® in the slugging tank with active mud. Pump 15 - 30 bbl sweeps every stand or as needed to total 2% by volume in the active system at TD.

Prior to Running Casing:

1. Mix 80 - 100 bbls of 5% - 8% by volume **TOP-SIDEWINDER**®.
2. Spot full volume **TOP-SIDEWINDER**® pill half way into the lateral for horizontal wells, or open hole for vertical wells.

Call for a "real time" recommendation @ 1-888-783-0036.