

OPTION #1 (OMIT 8-5/8")

10-3/4" Surface Casing: Circulate to the surface using 700 sx Class "C" w/4% gel, 2% CaCl₂ & 1/4#/sx flocele. Tail-in w/300 sx Class "C" w/2% CaCl₂ and 1/4#/sx flocele.

8-5/8" Intermediate Casing: Omit

5-1/2" Production Casing: Cement First Stage from TD (7750') to 3300' using 940 sx HOWCO Lite with 1/4#/sx flocele. Tail-in w/400 sx Class "C" w/.5% Halad-322 and 3#/sx KCL. Open DV Tool and cement Second Stage from 3300' to surface using 2300 sx HOWCO Lite w/15#/sx salt, 1/4#/sx flocele, and 5#/sx Gilsonite. Tail-in w/100 sx Class "C" w/2% CaCl₂.

OPTION #2 (w/8-5/8")

10-3/4" Surface Casing: Circulate to the surface using 700 sx Class "C" w/4% gel, 2% CaCl₂ and 1/4#/sx flocele. Tail-in w/300 sx Class "C" w/2% CaCl₂ and 1/4#/sx flocele.

OPTION #2(a)

8-5/8" Intermediate Casing: Cement from 4500' to 3300' w/250 sxs Class "C" w/2% CaCl₂.

OPTION #2(b)

8-5/8" Intermediate Casing: Cement First Stage from 4500' to 3300' w/250 sxs Class "C" w/2% CaCl₂. Open DV tool. Cement Second Stage from 3300' to surface w/350 sxs HOWCO Lite w/15#/sx salt, 1/4#/sx flocele, and 5#/sx Gilsonite. Tail-in w/100 sx Class "C" w/2% CaCl₂.

5-1/2" Production Casing: Cement from TD (7750') to 4000' using 600 sx Class "C" w/.5% Halad-322 and 3#/sx KCL.