

5#/sx Gilsonite. Tail-in w/200 sacks Class "C" w/2% CaCl<sub>2</sub> (Circulate cement on 2nd Stage).

OPTION #2(a)

9-5/8" or 8-5/8" Intermediate Casing Run For Lost Circulation Above 4500':

Tack intermediate casing in w/250 sacks Class "C" w/2% CaCl<sub>2</sub>.

At TD (7750') back off intermediate casing @ 3300' and pull out of hole.

5-1/2" Production Casing: Cement First Stage 7750'-3300' w/425 sacks HOWCO Lite w/1/4#/sx Flocele. Tail-in w/1000 sacks Class "C" w/1/2% Halad-322, 3#/sx KCL. Open DVT @ 3300' and circulate 8 hours. Cement Second Stage w/1500 sacks HOWCO Lite w/15#/sx salt, 1/4#/sx Flocele, 5#/sx Gilsonite. Tail-in w/200 sacks Class "C" w/2% CaCl<sub>2</sub> (Circulate cement on 2nd Stage).

OPTION #2(b)

9-5/8" or 8-5/8" Intermediate Casing Run For Lost Circulation Above 4500':

First Stage w/250 sacks Class "C" w/2% CaCl<sub>2</sub>. Run temperature Survey. Perforate intermediate casing @ TOC (3300'). Cement to surface w/350 sacks HOWCO Lite w/15#/sx salt, 1/4#/sx Flocele, 5#/sx Gilsonite. Tail-in w/100 sacks Class "C" w/2% CaCl<sub>2</sub>.

5-1/2" Production Casing: Cement to 4000' (500' up into intermediate casing) w/600 sacks Class "C" w/1/2% Halad-322, 3#/sx KCL.