

OPTION #2

8-5/8" Intermediate Casing run for Lost Circulation Above 4500':

Cement First Stage from 4500' to 3000' using 250 sx HOWCO Lite w/ 15# salt, $\frac{1}{4}$ # flocele, 5# gilsonite. Tail-in w/ 150 sx Class C w/ 2% CaCl_2 . Run Temperature Survey. Perforate 8-5/8" casing @ cement top (3000'±). Cement Second Stage 3000' to surface using 325 sx HOWCO Lite w/ 15# salt, $\frac{1}{4}$ # flocele, 5# gilsonite. Tail-in w/ 100 sx Class C w/ 2% CaCl_2 .

5-1/2" Production Casing: Cement from TD to 4000' with 250 sx Class C w/ $\frac{1}{2}$ % Halad-322, 3% KCL.

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MAY 31 1991

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