

Cementing:

8-5/8" surface casing: 140 sx class "B" w/ 1/4# gel flake & 3% CaCl.
WOC 12 hours & test to 600 psi before drilling out. (165 cu. ft.)

4-1/2" long string: First stage 535sx 50/50 POZ w/ 6% gel, 1/4# cello flake,
.6% Halad 9, followed by 70sx class "B" w/.6% Halad 9.
(873 cu. ft.)

Second stage: 510 sx 50/50 POZ with 6% gel and .6% Halad 9.
Circulate 3 hrs thru DV tool before cementing second stage.
Run temp. survey after 12 hrs. (754 cu. ft.)

L. O. Van Ryan

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