

CEMENTING DETAIL FOR 5-1/2" CASING

Cemented well in 2 stages as follows:

1st Stage

Pump 500 gallon mud flush. Pump 500 Gal Spacer. Pump 375 Sks Class "H" cmt with 0.1% D133 (Retarder). Plug did not bump but float collar held. Avg. Press 900# Ir 7BPM. Calculated TOC 8500'.

2nd Stage

Drop opening tool. DV Tool opened ok. Circulation total 5-1/2hrs pump 2nd stage cmt as follows:

Pump 900 sks 35/65 POZ Class "C" with 6% D-20 (Gel), 10% D44 (Salt) 0.7% D112 (Fluid Loss) Avg. press 1200# IR 7BPM. Latch plug 3500#. Plug down 7:38 PM Cst calculated TOC 2800'.

