Casing and Cement Summary

TD - 5709'. Ran 136 joints, 4 1/2", 11.6 lb., J-55 casing. Measured 5701', set at 5701'. Float collar - 5650' (KB), Stage collar - 3341 (KB). First stage cemented as follows:

Pump 10 bbls. fresh water, 10 bbls. CaCl² water, 10 bbls. fresh water, 12 bbls. Flocheck-21, 10 bbls. water spacer followed by 350 sacks, (637 cubic ft.) 65-35 pozmix, followed by 100 sx. 50/50 poz (140 cubic feet); 6% 6 1/4 lbs. Gilsonite and 6 lbs. salt per sack. Plug down.

Circulate cement by stage collar. Circulated 4 hours between stages.

Second stage - same spacer program as the first stage followed by 560 sacks. (1019 cubic ft.) 65-35 pozmix, and 50 sx. Class "B" cement, 12% gel, 6 1/4 lbs. Gilsonite per sack and circulated 60 sx. cement to surface. Plug down.