

Operations Plan - Huerfano Unit #281

V. Cementing, cont'd.

Production casing (7 7/8" x 4 1/2") -

First stage - use 87 sks. of 65/35 Class "B" Pozmix with 12% gel mixed with 15.52 gallons of water per sack, followed by 75 sks. 50/50 Class "B" Pozmix with 2% gel, 2% calcium chloride and 1/4# fine tuf-plug per cu.ft. (324 cu.ft. of slurry, 25% excess to cover the Gallup).

Second stage - circulate mud for 2 hours, then cement with 174 sks. of 65/35 Class "B" Pozmix with 12% gel with 15.52 gallons of water per sack (457 cu.ft. of slurry, 50% excess to cover the Mesa Verde).

Third stage - circulate with mud, then cement with 160 sks. of 65/35 Class "B" Pozmix with 12% gel mixed with 15.52 gallons of water per sack (394 cu.ft. of slurry, 60% excess to cover Ojo Alamo). Run temperature survey at 8 hours on top stage only. WOC 18 hours.

DRR:pb