

Total cmt. on the job consisted of 350 sax regular cmt. plus 350 sax Diamix A plus 10% gel - all pre-mixed. B J estimates there were 80 sax left in the two bulkers when the pumps were shut down on account of fire, leaving 620 sax in the hole. B. J's. tables refer to the mix as 310 units of 1:1 Diamix plus 10% gel (each unit consists of 1 sack cmt., 1 sack Diamix & 10% gel by wt.); and each unit would yield 4.08 C.F. The 310 units in the hole then would yield 1265 C. F.

From the above volume calculations, it can be seen that the 1265 C. F. of slurry in the hole would theoretically fill the 3117' of 5½" casing, the 2382' of 5½" in 8" hole, the 440' of 5½" in 10" hole, and 310' of the 445' of 5½" in 13" hole. This puts the calculated top of cmt. outside the 5½" casing at a depth of 240', the same depth found by measuring line on August 19 and presumed to be the top of cmt. Hole can safely be assumed to be at bit gauge, since no difficulty with caving was experienced and saturated brine was used in drilling from 1200' to T.D. Therefore, operator proposes to run 2" tubing down the annular space from the surface to approx. 210' and fill the annular space from 240' to the surface with cement (per phone approval of Mr. John A. Frost on 8-23-57). (4) Operator then proposes to drill out cmt. inside the 5½" casing by reverse circulation.

then proposed to fill out east. Inside the 3" casing by reverse (per phone a review of Mr. John A. Frost on 8-25-57). (A) operator 210' and fill the annular space from 240' to the surface with cement to run 2' below the annular space from the surface to 240'. was used in drilling from 1200' to T.D. Therefore, operator proposed since no difficulty with casing was experienced and assumed being to be the case of cement. Hole can safely be assumed to be as big gauge, the same depth found by measuring line on August 12 and presumed calculated from cement. Outside the 3" casing at a depth of 240', 10" hole, and 110' of the 4 1/2" of 5 1/2" in 12" hole. This puts the 12 1/2" casing in 218' to 240' in 8" hole, the 4 1/2" of 5 1/2" in 12 1/2" hole. From the above volume calculations, it can be seen that the 12 1/2" of cement in the hole would theoretically fill the 311'.