

temperature survey (fluid going in @ 2750'), perforated drillpipe @ 9730', began pumping down drillpipe with 9.5# brine water June 28, 1973, flowing gas and water out backside on chokes. After about 24 hours, flowing back mostly water with occasional big slugs gas. Began circulating rather smoothly, except for short periods of kicking, cut out hauling water on June 30. On July 4, pulled drillpipe out hole, put on drillcollars and bit and went back in hole to 9102', conditioned hole letting well kick to deplete pressured up shallow zone. Proceeded on down to old total depth of 10440' with 9.4# brine water with gel added for water loss control. Began making new hole on July 17 and on July 20 the present total depth of 10880' was reached where 5½" casing was run, cemented in two stages (at the bottom and through a DV tool set at 2544' above shallow pressured up zone). Ran temperature survey six hours after cementing second stage, top cement 1600'. A short time later, well started to kick on backside, gas worked way up through cement. Recemented, by pumping down backside, with 450 sx. cement.

Probable cause of the blowout due to coming off bottom too fast with test tool or not keeping the hole full as the drillstem was being pulled out of the hole or a combination of both. The mud was in good shape with an overbalance in hydrostatic pressure of approx. 550#, no loss circulation, and no abnormal bottomhole pressures, as recorded on bottomhole pressure charts from drillstem test.

Well presently shut-in waiting on pipeline connection, no pressure between 8 5/8" and 5½" casing since recementing.

Yours truly,

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