

Markham No. 2 SWD (cont.)

11-8-89

Picked up HOWCO retrievable bridge plug and RTTS packer and tripped in hole on 241 joints 2 3/8" tubing. Set bridge plug at 7462' Pressure tested tubing and bridge plug to 1000#. Held O.K. Isolated leak in 7" casing between 4521' and 4553'. Casing held 1000# from 4553' to 7462', and held 700# from 4521' to surface. Shut down for night.

11-9-89

Pumped 3 sacks sand through tubing to form 14' sand plug on top of retrievable bridge plug at 7462' depth. Pulled out of hole with RTTS packer. Ran HOWCO 7" cement retainer and spaced at 4521' depth. Pumped through retainer O.K. Set retainer at 4521'. Pressure tested tubing to 3000#. Mixed and pumped 200 sacks Class "C" cement with 2% KCl. Spotted cement to retainer. Stabbed into retainer and pumped 45 barrels cement slurry through hole in 7" casing between 4521' and 4553' depth. Reversed out 2 barrels of cement. Pulled out of hole with retainer stinger. Loaded casing with 9 barrels of fresh water and pressured casing to 500#. Closed in blind rams on BOP. Ran temperature survey. Found top of cement at 4470'.

11-10-89

Picked up 6" bit and 4-4 3/4" OD drill collars and tripped in hole. Had no cement on top of retainer. Drilled on cement retainer 6 1/2 hours. Shut down for night.

11-11-89

Completed drilling out retainer and drilled 80' of hard cement to 4600' depth. Pressure tested casing to 1000#. No loss in pressure in 30 minutes. Washed sand off bridge plug and pulled out of hole. Shut down for night.

11-12-89

Shut down for Sunday.

11-13-89

Tripped in hole with HOWCO retrieving tool for retrievable bridge plug. Dragged bridge plug to 3740' and lost bridge plug at this point. Could not latch back onto plug. Pulled out of hole with HOWCO retrieving tool and shut down for night.

11-14-89

Picked up short catch overshot and bumper sub and tripped in hole. Sat down at 3700'+ -. Bumped down but could not latch onto bridge plug. Pulled out of hole. Had external wear on bottom 2" of OD at bottom of overshot as though entering tight casing. Shut down for night.

11-15-89

Picked up 6" OD bottom hole swedge and 4-4 3/4" OD drill collars and tripped in hole. Swedged out 7" casing from 3701' to 3738'. Pulled out of hole with swedge. Made second run with 3 1/8" OD swedge. Ran swedge through tight casing a number of times. Had 10 points drag at end of working. Pulled out of hole with swedge. Picked up overshot and bumper sub and tripped in hole. Latched onto HOWCO retrievable bridge plug at approximately 7500'. SDFN.

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