

Dugan Production Corp.  
Molly Pitcher #1

DAILY REPORT

10-30-76      Moved in Towell Well Service, rigged up. Dropped substructure on wellhead valve. Changed out nipple on wellhead. Started in hole with bit on tbg. Morning tour driller got sick. Shut down.

10-31-76      Went in hole. Drilled Baker stage tool @ 4537'. Drilled float collar @ 6595'. Pump broke down.

11-1-76      TD 6652'. Replaced pump. Cleaned out to 6650'. Drilled to 6652'. Pulled 80' tbg. Spotted 300 gals 15% HCl. Pulled tbg and bit.

11-2-76      PBTD 6570'. Set bridge plug @ 6570'. Press tested BOP and csg to 4000 psi - held OK. Go International ran Gamma-Ray Correlation log. Perf one jet/ft 6275-80', 6412-17', 6425-30', and 6485-90'. Western Company ran 500 gals 15% HCl w/30 balls. Formation locked up before acid and balls reached perfs. Flowed well back 15 min. Pumped acid down to fm, when balls hit locked up @ 4000 psi. Go International ran junk catcher, recovered 22 balls, one ball with perf marks. Started frac, pumped 214 bbls pad @ 3000 psi, 37 B/M. Calculated that we had 14 holes open. Shut down. Ordered 15% HCl acid out from town. Flowed well back 2 hrs, well making some gas. Pumped 500 gals 15% HCl w/30 balls. Got ball-off at correct displacement. Pumped for 15 min @ 1/2 B/M. Got 2 small press breaks. Flowed well back, ran junk basket, recovered 18 balls, 16 balls with perf marks. Western Company frac well using 2912 hp, 1788 bbls wtr, 60,000 lbs 20-40, 2 lbs FR-2/1000 gals. IF 3200 psi, Max 3700 psi, Min 3100 psi, Avg 3200 psi, Final 3300 psi, ISDP 1600 psi, 10-Min 1100 psi, Avg IR 36.5 B/M. Shut well in 5 hrs, flowed well to pit 8 hrs. Well making est 750 MCFGPD and flowing by heads.

11-3-76      PBTD 6570'. Ran 2-3/8" tbg. Tagged sand @ 6490'. Laid down tbg. Changed pipe rams. Well making est 1500 MCF with show of oil.

11-4-76      Ran 200 jts 1-1/4" OD 2.4# JCW 10R EUE "new" tbg set @ 6480' RKB. Tagged sand @ 6490'. Well making est 1250 MCF. Had to kill well to land donut. Released rig. Left well open on csg overnight. Pumpout plug still in tbg.

11-5-76      Well kicked off overnight making est 1500 MCF. Shut well in. Plan to rock out tbg plug.