

MUY MACHO COM. #1

Attempt to pull 5-1/2" Baker Lok Set packer at 11,070' with no success. Release on-off tool. POOH with 2-3/8" tubing. Run 5-1/2" CIBP on wireline and set at 11,056'. Dump 35' of cement on CIBP with wireline dump bailer. GIH with tubing to 8724'. Circulate hole with 9.5# brine water. Pressure test casing to 500 psi. Spot 100' cement plug using 12 sx Class "C" neat. POOH with tubing. Run 5-1/2" CIBP on wireline and set at 6300'. Perforate 4 shots at 6200'. GIH with 5-1/2" packer to 6114'. Pump 125 bbls. 9# brine water through perfs at 6200', had no circulation to surface between 5-1/2" and 8-5/8" casing. POOH with packer. GIH with 5-1/2" cement retainer to 6113'. Cement through perfs at 6200' using 300 sx Class "C" neat, had no circulation to surface between 5-1/2" and 8-5/8" casing. POOH with tubing. Ran temperature survey. Found top of cement at 4570'. Perforate Bone Spring formation at 5770'-5800' and 5820'-5850' with 2 SPF. Ran packer to 5704'. Swab to SN, had show of gas. Acidize with 1300 gallons 10% MSR and 175 balls. Ball out to 2200 psi. Swab load water, then some gas and water. Making hourly runs for lack of fluid entry. Run 5-1/2" CIBP on wireline and set at 5684'. Dump bail 18' of cement on CIBP at 5684'. Pressure test to 500 psi. Perforate Bone Spring Avalon Sand formation at 4890'-4900' with 2 SPF. Ran packer to 4800'. Acidize with 500 gallons 7-1/2% NEFE. Swab load water and recover small amount of gas. Had 72 hour SITP 490 psi. Flow gas for 1-1/2 hours and run swab. Recover approximately 1 BO and gas. Frac well down tubing with 11,000 gallons crosslinked 2% KCL water and 20,000# 16/30 Brady Sand. Screened out with 18,000# in formation. Flow back 2000# of sand out of tubing and shut in overnight. SITP 1500 psi. Flow and swab back load water and gas. Rig down pulling unit. Will swab on well and evaluate further at a later date.