

DST No 3 3,440 m - 3,451 m (11,286' - 11,322')

With the test string and water cushion in place from DST 2A, the interval was perforated with 2-1/8" Enerjets (6 SPF). On three occasions the well was shut in at surface and the SIWHP built to 1000 PSI, 1175 PSI and 800 PSI. In each instance the pressure dropped to 0 PSI upon opening the well. Two PLT runs confirmed no influx from the formation.

The water cushion was reversed out and the test string tripped from the hole. A gauge ring and junk basket run was unable to pass 3,443 m (11,296') and recovered 2-1/2 gal Enerjet and packer rubber debris. An unsuccessful attempt was made to run a 7" EZSV (bridge plug) below 3,443 m (11,296') and a bit trip was made to clear the hole of obstructions to the top of the 5" liner.

After running a gauge ring and junk basket to TOL, a 7" EZSV (bridge plug) was set on wireline at 3,553.7 m (11,659'). A second 7" EZSV (BP) was set on wireline at 3,411.9 m (11,194') and tested to 1,100 PSI.

DST No 4 3,142 m - 3,163.5 m (10,308' - 10,379')

In preparation for testing this interval the mud weight was lowered to 11.8 PPG. The test string was run with 5" TCP guns (12 SPF, pressure fired) and a GR/CCL run. The tubing was spaced out and the SSTT run and landed with the RTTS set at 3,128.2 m (10,263'). The surface lines, equipment and test string was tested. A GR/CCL run found the guns to be 5.1 m (17') off depth. The SSTT was pulled and rerun after spacing out. The RTTS was set at 3,133.3 m (10,280') and GR/CCL confirmed guns on depth.

A diesel cushion was pumped (2,250 PSI underbalance). The SRO was run but failed to properly latch into the nipple due to packer rubber debris and was pulled to surface.

The interval was perforated. Diesel was observed flowing through the bubble hose 3 min after perforating. The well flowed mud to surface 9 hours and 15 mins after opening the well. The interval tested 433 MCFD on a 2" choke (FWHP = 45 PSI).

The string was reversed out and tripped. One EZSV (BP) was set on wireline at 3,111 m (10,207') and tested to 1,100 PSI. Another B.P. was set at 2923 m (9591') and also tested to 1,100 psi.

DST No 5 2,869 m - 2,883 m (9,413' - 9,459')

The mud weight was lowered to 9.3 PPG and the test string (ex SSTT) was run with 5" TCP (12 SPF) guns. A GR/CCL was run, the string spaced out, and the SSTT was landed after setting the RTTS at 2,864.2 m (9,397'). A GR/CCL confirmed that the guns were on depth. Surface equipment and lines were tested and a Nitrogen (N2) cushion was pumped (2,000 PSI underbalance).

Surface pressure increased by 500 PSI 97 min after perforating the interval.