

December 4, 1974

Morrow 2.25 MM - FTP = 400 psi. Atoka SITP = 798 psi.

Pulled B.H.P. bomb, 72 hour clock did not run. Maximum pressure recorded was 1,587 PSI. A 48 hour static bottom hole pressure was run, Atoka SIBHP = 991 and SITP = 798 psi. The bottom hole pressure dropped 596 psi. Opened Atoka to pipeline after shut-in.

December 5, 1974

Morrow producing 1.70 MMCF @ 480 psi. Atoka producing 0.68 MMCF @ 350 psi. Rigged Cecil Horne Wireline and ran shifting tool to assure the sliding sleeve in the Morrow tubing string was closed O.K. Horne ran a "Straight Thru" in Morrow tubing, set across the sliding sleeve again to assure the sleeve was closed. Left "Straight Thru" in Morrow tubing over night for long range check to see if communication was stopped with Morrow flowing and Atoka SITP = 750.

December 6, 1974

Morrow flowing 2.35 MMCFPD @ 600 psi. Atoka SITP = 750 psi.

Pulled Horne's "Straight Thru" tool. Opened both zones to sales.

December 7, 1974

Morrow 1.70 MMCFPD @ 500 psi FTP. Atoka 0.620 MMCFPD @ 350 psi FTP.

December 8, 1974

Morrow 1.750 MMCFPD @ 500 psi FTP. Atoka 0.600 MMCFPD @ 350 psi FTP.

December 9, 1974

Morrow 1.700 MMCFPD @ 500 psi FTP. Atoka 0.620 MMCFPD @ 350 psi FTP.

December 10, 1974

Morrow 1.700 MMCFPD @ 480 psi FTP. Atoka 0.590 MMCFPD @ 320 psi FTP.

December 11, 1974

Morrow 1.700 MMCFPD @ 500 psi FTP. Atoka 0.570 MMCFPD @ 340 psi FTP.

December 12, 1974

Morrow 1.600 MMCFPD @ 520 psi FTP. Atoka .380 MMCFPD @ 510 psi FTP.

December 13, 1974

Morrow 1.700 MMCFPD @ 520 psi FTP. Atoka .410 MMCFPD @ 520 psi FTP.

Rigged up Schlumberger to Gradometer and Temperature Survey thru Morrow tubing string under several conditions: (See log dated 12-13-74.)

Indicates a temperature anomaly @ 10,950'. Gradometer did not operate properly inside the Morrow tubing because of the buoyancy effect.