

November 23, 1974

Morrow producing 1.93 MMCFPD. Atoka producing 0.490 MMCFPD.

November 24, 1974

Morrow producing 1.94 MMCFPD. Atoka producing 0.440 MMCFPD.

November 25, 1974

Morrow producing 1.93 MMCFPD. Atoka producing 0.450 MMCFPD.

Rigged up Schlumberger mechanically oriented perforating gun and perforated the Atoka zone w/1 shot per foot at the following intervals:

10,935-10,945'; 10,950-10,957'

The Morrow zone producing rate dropped immediately from 1.94 MMCFPD (60" & 370 psi) to 1.60 MMCFPD (43" & 370 psi) at the time the above intervals were perforated. The Atoka zone was shut-in. The Morrow zone production rate continued to fluctuate and lift heavy fluids. (Mixture of water, drilling mud, and sli amount of condensate). Schlumberger perforated the following Atoka intervals w/1 shot per foot:

10,978 - 10,982'; 10,984 - 10,990'

Total of all holes in Atoka = 46. Rigged down Schlumberger. Put both zones on production.

November 26, 1974

Morrow producing 1.65 MMCF w/FTP 470#. Atoka producing 0.650 MMCF w/FTP 370#.

November 27, 1974

Morrow 1.75 MM @ 460 psi. Atoka 0.600 MM @ 320 psi.

November 28, 1974

Morrow 1.75 MM @ 480 psi. Atoka 0.575 MM @ 340 psi.

November 29, 1974

Morrow 1.80 MM @ 480 psi. Atoka 0.570 MM @ 340 psi.

November 30, 1974

Morrow 1.72 MM @ 480 psi. Atoka .585 MM @ 350 psi.

December 1, 1974

Morrow 1.72 MM @ 500 psi. Atoka 0.550 MM @ 350 psi.

December 2, 1974

Morrow 1.72 MM @ 490 psi. Atoka 0.570 MM @ 360 psi.

Shut-in both zones @ 11:00 A.M.. Ran bottom hole pressure bomb in Atoka string and set @ 10,750'.

December 3, 1974