

Anadarko Basin horizontal producer pumps 743 BOPD

Avalon Exploration Inc., Tulsa has completed a horizontal development test in the Edmond West field region of Oklahoma's Anadarko Basin that initially pumped 743 bbls of 40 gravity oil with 441,000 cu ft of gas and 807 bbls of water per day.

The 1-13 Velvet Elvis, e/2 sw/ne/13-14N-5W, northeastern Canadian County, was drilled southwestward to a bottom-hole location in sw/nw/se of the section and tested in an open-hole Hunton interval at 7264-8462 ft following acid treatment. True vertical depth is 7043 ft.

The well is four miles outside of the northern limits of Oklahoma City in an area of Hunton producers completed in the mid-1940's that have been incorporated into the West Edmond Hunton Lime Unit. A horizontal Hunton venture drilled by Avalon associate Petrohawk Operating Co, a quarter mile to the east-northeast in June was completed with an initial pumping potential of 205 bbls of oil, 247,000 cu ft of gas and 883 bbls of water per day from an acidized open-hole lateral in the Hunton at 7800-9421 ft. Its lateral was drilled eastward to a true vertical depth of 6964 ft at a bottom-hole location in the sw/nw/ne 18-14N-4W.

One mile to the south-southeast, in northwestern Oklahoma County, Petrohawk's 1-19 King Lion, in nw/se/nw 19-14N-4W, pumped 155 bbls of oil with 403,000 cu ft of gas and 950 bbls of water daily on completion in an open-hole Hunton lateral drilled to the south-southeast at 7429-9549 ft. Houston based Petrohawk was the original operator of the 1-13 Velvet Elvis.

Since its formation in 1947, the West Edmond Hunton Lime Unit has produced 44.6 million bbls of oil and 31.7 billion cubic feet of gas. Output for May 2006 totaled almost 43,000 bbls of oil and 187 million cu ft of gas. Discovered by H.E. Rapp in 1933, Edmond West field has produced 381 billion cubic feet of gas and 169.2 million barrels of oil and condensate.

