

## INTRODUCTION

Drillstem tests in Yolla-1 were conducted over two zones within the Eastern View Coal Measures (EVCN). The first zone tested was a late Paleocene sandstone. Perforations were from 2809.1 m to 2814.2 m and from 2817.9 m to 2824.6 m (DST #1). The second zone tested was a middle to late Eocene sandstone occurring near the top of the EVCN. Initially, it was perforated from 1830 m to 1835.2 m (DST #2) but, because of water recovery, communication behind pipe was suspected and the perforations were squeezed with cement. After the cement squeeze, the interval from 1833.2 m to 1833.8 m was perforated (DST #2A). Following this, the interval from 1813 m to 1833.1 m was perforated (DST #3). Testing proceeded from September 10 to October 5, 1985.

Objectives of the drillstem tests in Yolla-1 were as follows:

1. To determine initial reservoir pressure.
2. To determine reservoir parameters such as permeability and skin factor.
3. To obtain representative reservoir fluid samples (oil, condensate and water).
4. To determine well productivity.

Fluid samples from each drillstem test were taken and sent to core laboratories for composition and properties analyses. This work has not been completed at this time. A complete and detailed Drillstem Test Report for Yolla-1 is being compiled and will be available when analyses have been completed. Below is a brief summary of the drillstem tests conducted in Yolla-1.

### Drillstem Test Data Summary

The late Paleocene sandstone has a calculated initial reservoir pressure of 4203 psi. The Kh of the reservoir calculated from the build up test is 7093 md-ft ( $K = 308.4$  md,  $h = 23$  ft), and the skin factor is 13.5. Absolute Open Flow (AOF) of the zone is 358817 MCFD.

The middle to late Eocene sandstone has a calculated initial reservoir pressure of 2710 psi. The Kh of the reservoir calculated from the build up test is 242.1 md-ft ( $K = 16.14$  md,  $h = 15$  ft), and the skin factor is 0.536. Absolute Open Flow of the zone is 13083 MCFD.

Table 1 provides a summary of the drillstem tests.