



## Fluid Flow Projects



### *CCS Test Facility*

The test section consists of a U-shaped, 52.5-mm (2.067) I.D., stainless steel pipe and is 48.8-m (160 ft) long. It is mounted on a boom such that any inclination angle between horizontal and vertical can be selected using a hydraulic hoist attached to an 18.3-m (60 ft) high tower. One leg of this test section is partially jacketed with a 10.16-cm (4 in.) nominal diameter CPVC pipe, over a length of approximately 16.2-m (53 ft). The entire test facility was designed for a pressure level of 6.8948 Mpa (1,000 psia) and temperature up to 180°F.

### **Operating Ranges**

Oil Flow Rate: 0 - 4500 BPD  
Gas Flow Rate: 0 - 2 MMscfd  
Glycol Flow Rate: 0 - 3500 BPD  
Oil & Gas Temperature: 40 - 160°F  
Glycol Temperature: 40 - 160°F  
Oil & Gas Pressure: 200 – 1,000 psig  
Pipe: 2-in. ID Sch. 40 Stainless Steel Pipe