



# Weatherford®

## REAL RESULTS

### Red Eye® Water-Cut Meter Eliminates Hand-Sampling for Improved, Automated Well Testing

#### Objectives

- Accurately monitor water cut from multiple wells.
- Install an efficient well testing tool for obtaining accurate net oil production data and reducing the dependency on hand-sampling.

#### Results

- Weatherford installed a *Red Eye 2G* water-cut meter in the liquid leg of the test separator.
- The *Red Eye* unit was combined with a net oil computer (NOC) to conduct timed production tests.

#### Value to Client

- The *Red Eye 2G* installation provided the client with a system that automated well testing for 13 wells and significantly reduced the need for hand-sampling activities.
- Automating testing provided more frequent data and reduced inconsistencies inherent in hand-sampling to offer the client accurate measurement of water cut, which improved the overall allocation.



Weatherford's *Red Eye 2G* water-cut meter uses patented optical sensor technology to accurately measure the full range of water cut (0 to 100%) in a commingled oil and water stream. The meter can be used in stand-alone mode to measure and report instantaneous water cut and in conjunction with the NOC to conduct timed production tests.

**Location**  
Angola

**Well Type**  
Oil wells

**Number of Wells**  
13

**Products/Services**  
*Red Eye 2G* water-cut meter

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