



# WATER RELIEF TO VENEZUELA

## Mara, Venezuela

The Winka Guajira Aqueduct System is on schedule to go online in 2010 and with that comes much needed water relief for 1.7 million people in the municipalities of Paez, Mara, San Francisco, Lossada, La Cañada, La Villa, and Maracaibo. **Precomprimido C.A. of Maracaibo, Venezuela** was awarded the contract to construct the **Planta de Potabilizacion Cerro de Cochino** in the state of Zulia. Literally translated, the Pig Hill Treatment Plant is currently under construction and EFCO formwork is on location. A long-time and faithful user of EFCO equipment, Precomprimido teamed with EFCO to provide the formwork.

Requirements for this portion of the new water treatment plant included a clarifier and a total of 11 storage tanks. Precomprimido leased 220 m<sup>2</sup> (approx. 2400 sq. ft.) of EFCO **REDI-RADIUS**®

forming panels to form the round clarifier tank; which measured 14.6 m (47'-0") in diameter with a height of 7.9 m (25'-0"). The tank was placed using a 2.4 m (7'-0") high form setup the full circumference and the forms were jumped to pour the tank in four lifts.

EFCO supplied approximately 2000 m<sup>2</sup> (2400 yd<sup>2</sup>) of standard handset **HAND-E-FORM**® (**HEF**) panels to form the 11 rectangular shaped storage tanks. The **HAND-E-FORM** panels were assembled in a variety of configurations to form the long outer walls and inside divider walls 4.8 m (16'-0") high.

The magnitude of this project will require approximately 13,000 m<sup>3</sup> (17,000 yd<sup>3</sup>) of concrete and 1,800,000 kg (1,770 tons) of reinforcing steel. The contractor is on schedule and both systems are producing excellent results.



*The all-steel REDI-RADIUS face sheet delivers a smooth continuous curved architectural concrete surface.*



*EFCO's REDI-RADIUS forming system is designed to form fixed or variable radius walls with diameters starting at 10'-0" (3 m) and greater.*

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- Vicente Ciliberti ..... EFCO Territory Manager
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- Marco Reina..... EFCO Field Supervisor