



# Versatile Crude Slop Demulsifier Yields High Quality Oil

### *Problem*

A major reclaimer of crude oil in Texas was experiencing difficulty in recovering economical levels of good quality oil from tank bottoms, salt-water disposal skimmings, etc.

### *Solution*

RECOVEROL\* ECO 6N50, a proven crude slop demulsifier, was selected for its rapid dehydration, good solids wetting and removal, and the comparatively low dosage required.

### *Results*

#### **Case I**

180 barrels of pit slops had 70% BS&W. ECO 6N50 was added at a concentration of 750 ppm (3/4 gallons per 1000 gallons oil) to oil preheated to 160°F and rolled with compressed air for 30 minutes.

After 2 days, oil recovery was better than 94%. Oil quality was below 1% BS&W. A competitive material used at 180°F and at a much higher concentration, gave only 65% oil recovery after 4 days settling.

#### **Case II**

180 barrels of salt-water disposal skimmings had 66% BS&W. 900 ppm of ECO 6N50 was added at 180°F and mixed by injection into transfer line from a holding tank to a settling tank. After 2 days settling, oil recovery was 90%.

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