

## Oil Processing – Long Term



**Location:** South Timbalier 130

**Date:** July 2017 – August 2018

### Challenge

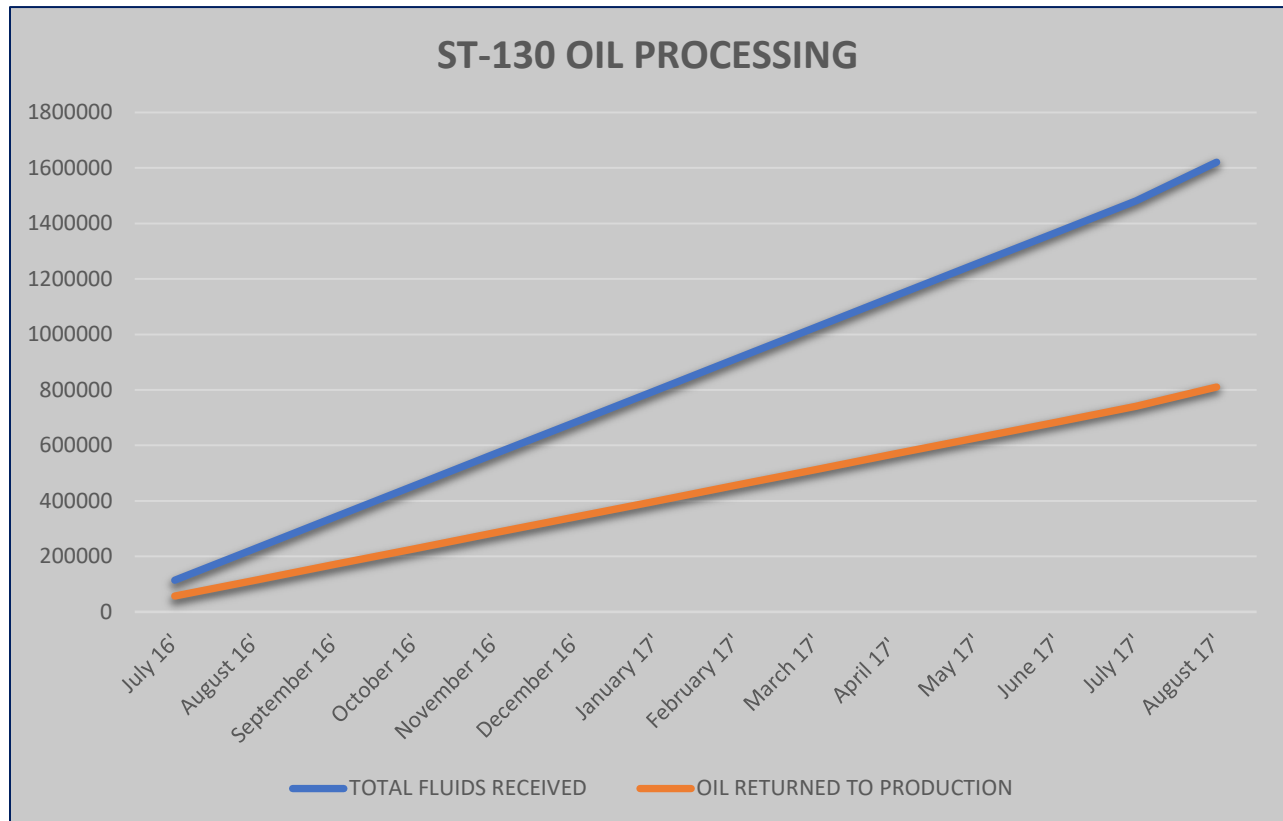
The customer wanted to bring on two more pipelines at the ST-130 facility but their production system could not handle the volumes. CFAST ES was contacted to provide our Oil Dehydration Centrifuge package along with their highly-qualified personnel to assist in bringing these pipelines online. In doing this CFAST ES was able to send pipeline quality oil, less than 1% BS&W, straight to the customer's tanks.

### Action

- CFAST ES worked internally to provide all pre-job documentation such as P&ID's, deck layout drawings, area classification drawings, safety drawings, and electrical drawings all according to 14C compliance and BSEE approval.
- CFAST ES tied directly into the customer's LP separator with high pressure piping and through a choke into their CFAST system.
- Since this was a long-term project the CFAST system was hard piped in and completely automated for ease of operation. Our CIP (clean in place) method was used to maintain the centrifugal separation equipment's efficiency.
- CFAST ES also provided two highly qualified personnel to operate and monitor the system around the clock, should anything go wrong, they were there to fix it.

## Results

- Changed solids filter on average once every 3 days (72 hours of operation time)
- CIP'd on average once a week (168 hours of operation)
- Received and processed on average 3,800 bbls of fluid a day and delivered on average 1,900bbls a day of pipeline quality oil to production.
- Saved the customer from having to process or dispose of on average 1,900bbls of produced water a day.
- Added an additional 810,350bbls of oil to the customer's production in our 14 months out there.



**Estimated increase in revenue, based on \$55/barrel, is \$44,569,250.**