

WSS FluidControl Saves Savia Peru 12% Using POLYTRAXX™ System

Challenges

- To reach total depth without hole problems or downtime despite drilling through highly reactive shales at Talara, Peru well.
- Highly reactive shales, Clay/Gumbo bit balling, Non-productive time (NPT).

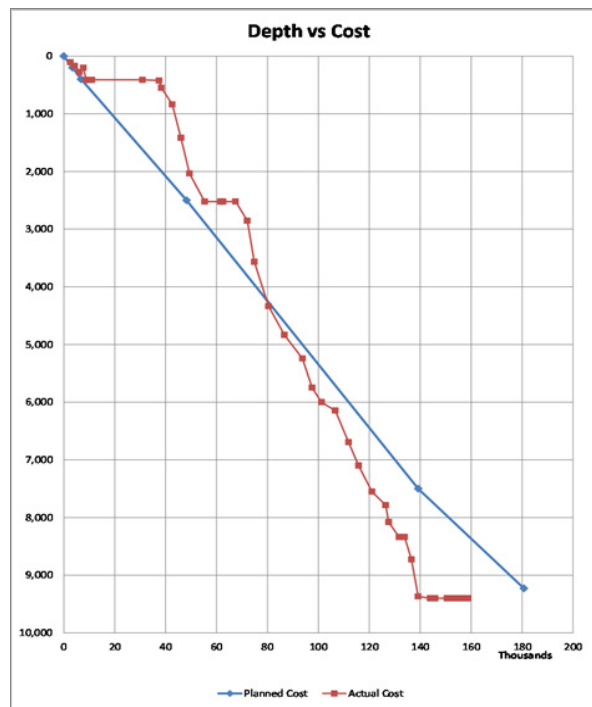
Well Information

- Operator: Savia Peru
- Location: El Alton, Yacimiento Rincon
- Drilling environment: Highly reactive shales in Talara, Peru

Solution & Results

- The WSS FluidControl POLYTRAXX system represents a major advancement in the industry's quest to develop the absolute best water-based drilling fluid. The MBT never exceeded 17 lb/bbl, the cuts came out clean and not attached to the shale and the drill bit came out clean every time. The POLYTRAXX system helped the client drill continuously at the same diameter, thus saving Savia Peru time and money.

2800 N Frazier Street
Conroe, Texas 77303, USA
Phone: 936 523 2600
Fax: 936 523 2791



The assigned pit of the project was in the area of El Alton, Yacimiento Rincon. This project was designed to consist of four phases – 0-400 feet at 16"; 400-2500 feet at 12¼"; 2,500-7,500 feet at 8½"; and 7,500-9,400 feet at 6½". The POLYTRAXX system provided extraordinary hole stability, which helped the client to eliminate the 6½" pipe and drill from 2,500-9,400 at 8½".

This project was the first-time WSS FluidControl used the POLYTRAXX system in Peru, and the well was drilled with total success.

Highly reactive shales do not affect drilling performance

WSS FluidControl, despite boring into highly reactive shales could save Savia Peru more than 12 percent on the project. The entire drilling operation cost \$20,000 less than originally planned.

The POLYTRAXX system's inhibition was based on polyamines (TRAXX Block), surfactant (TRAXX TC) and encapsulant (NOV Drill Liquid).

POLYTRAXX delivers impressive drilling waste management benefits. This system's dilution rates are much lower than other water-based systems, and it reduces waste volumes and allows for fluid recycling.

POLYTRAXX - for land and offshore

The POLYTRAXX system, which comprises five synergistic products, can be used on land and offshore, making it an economic alternative to premium synthetic systems, while inhibiting highly reactive shales, stabilizing wellbores and promoting hole cleaning. POLYTRAXX also reduces clay/gumbo accretion and bit balling, and doesn't require as much equipment, manpower and secondary processing as other drilling systems.