

Flexisert™ Insertable Progressing Cavity Pump Anchor Reduces Well Workover Costs by Nearly 84%

Objectives

- Minimize the cost and nonproductive time associated with an intervention on a low-flow-rate well that was not profitable enough to justify the workover costs of using a standard workover service unit.

Our Approach

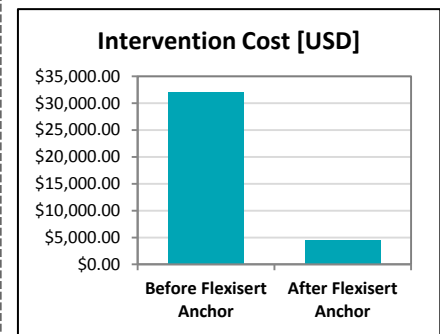
- Weatherford installed an insertable progressing cavity pump (I-PCP) system for 2 7/8-in. tubing. The pump system included an I-PCP model 5-1200 and Flexisert anchor.
- The entire operation was completed in 1 day using a small service unit.
- As of this time, the I-PCP Flexisert system has been working more than 1,200 days.

Value to Client

- The overall well intervention time for the tubing and I-PCP installation using a small service unit was approximately 1 day compared to the 3 days typically required when using a conventional workover unit, which is generally deployed in this region.
- The client realized a cost savings of approximately 84% based on the lower rate of the small service unit and the reduction in downtime.
- With the Flexisert I-PCP anchor installed, future interventions can be completed using a small service unit or a flushby unit instead of a conventional workover unit.



The Weatherford Flexisert I-PCP anchor reduces downtime and costs associated with well interventions.



Installation of the Flexisert I-PCP anchor enables servicing the well using a small service unit or flushby unit for reduced costs.

LOCATION

Mene Grande, Venezuela

APPLICATION

Progressing cavity pump system

WELL TYPE

Vertical oil well

FLUID TYPE

15° API wellbore fluids

PUMP SETTING DEPTH

1,500 to 4,300 ft (450 to 1,300 m)

PRODUCTS/SERVICES

- 2 7/8-in. Flexisert I-PCP anchor
- 5-1200 I-PCP

