



OSO103 Treats Cardium Producer

Case History Cardium Oil Well

Zone:	Cardium SS	Type:	Pumping Oil Well	
Oil:	0.0 m ³	Gas:	0.0 e ³ m ³	Water 0.0 m ³

History:

This oil producing well was shut in for a period of approximately 13 months due to insufficient production. Initial production values for this well were approximately 6.75 m³ oil and 1.71 e³m³ of gas.

Testing:

A review of the well files and daily production logs were evaluated to determine if this well would benefit from a stimulation treatment. Medium to heavy deposits of wax were found in the bottom hole pump and rods during several different work overs. Well drilling and completion information was also gathered so that a full stimulation program could be designed.

Product:

Petrotreat OSO103 Paraffin Solvent was selected as the product of choice for the most effective stimulation of this well. Petrotreat OSO103 is a unique blend of aromatic and aliphatic hydrocarbons, organic solvents and alcohols. It is designed to work on the most difficult of waxes to treat. With higher melting points and decreased solubility, these types of waxes prove to be difficult for most chemicals to dissolve.

Application:

The completion of this well required it to be treated with 3120L of OSO103. The product was squeezed into the formation using clean, produced oil and the well shut in for 48 hours. This allowed sufficient time for the solvent to remove the deposits from the well and formation.

Total Costs:

The Chemical, Pressure truck and Tank truck costs were approximately \$15,000. Total downtime was 24 hours for the chemical soak and squeeze.

Results:

The well responded extremely favourably to the OSO103 treatment. After three weeks, the well continues to produce 7.81 m³ of oil /day, 0.4 e³m³ /day of gas and 0.1 m³ of water. At a netback for oil of \$315 /m³ and gas \$400 /e³m³, this job paid out in 3.5 days. The well has produced over 40,000 of incremental revenue over and above treatment costs and pre-stimulation production values.