Hydraulic Lift

CASE STUDY: Jet Pump System

Dewaters Well in South Texas

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| An operator in South Texas was unable to recover the fluid and gas of a previously existing horizontal well. He tried to use a sucker rod system for the well, but experienced a significant challenge: Oil and gas production rates dropped from 200 BBLD and 1 MMCFD to almost nothing. | After evaluating the well, the Apergy – Hydraulic Lift team decided on the following jet pump system:  
• A 1.25" Jet Pump System was installed inside the existing 2.875" tubing  
• A 200 HP surface pump  
• Power fluid (formation fluid) to pump down the integral joint tubing to the jet pump | • The well's production increased 25% BBLD  
• By keeping the well unloaded, fluid stopped migrating to adjacent wells, which continued to flow unassisted  
• Produced natural gas continued to be used to power the power fluid pumping unit at no additional cost to the operator |

For more information on Jet Pump Systems, visit www.apergy.com