

CASE HISTORY

V-Zero™ Bridge Plug Used To Isolate Leaking 3.688" SSD In Horizontal Well

Key Information

Location – Kurdistan, Iraq

Well Type – Oil Producer

Target Depth – 4150m

Max Deviation – 90° @ 3,153m to TD

Tubing Details – 4-1/2" Tubing 12.6 lbs/ft

Background & Objectives

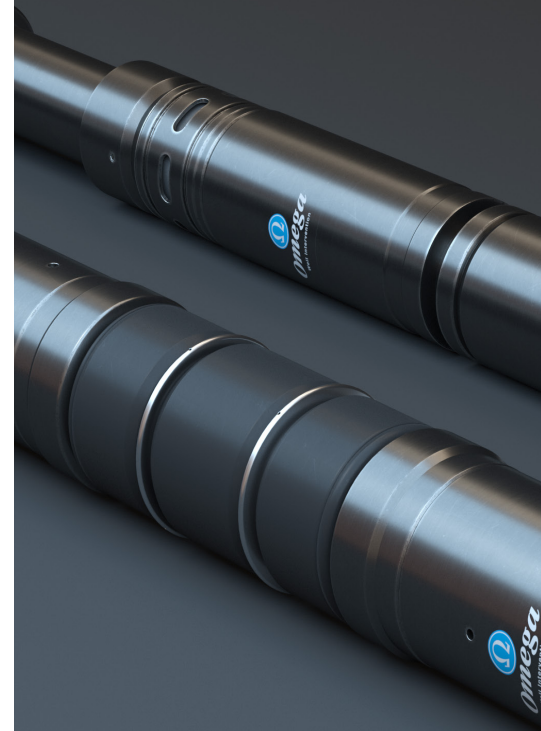
- Deploy Omega V-Zero™ Bridge Plug on coil tubing.
- Set bridge plug and test to 3500psi applied pressure at surface
- Test pressure applied to plug including hydrostatic pressure was 5000psi
- Isolate – (deepest SSD) that was leaking to continue operations
- Continue stimulation operations on all SSDs above V-Zero™ Bridge Plug

Results

- V-Zero™ Bridge Plug was set at 4060m on CT on first attempt
- Pressure test to 1000psi after setting was successful
- Surface test to 5000psi differential successful
- All intervals were successfully stimulated
- The completion was successfully tested to 1000psi after each interval
- After the stimulations were complete, the multiple zones were flowed back and cleaned up successfully
- V-Zero™ Bridge Plug successfully holding pressure after 30 days in the well. Completion of stimulations and flowback operations
- Client purchased the plug and will stay in the well indefinitely

Value To Client

- Successful isolation of the lowest SSD to continue stimulation operations with confidence that the stimulation fluid was not going into the leaking SSD
- Well was set on production after the success of the stimulation operations



TOOLING INFORMATION

- 1.75" Heavy Wall Coiled Tubing
- 2.25" Wellpro Coil Connector
- 2.125" Wellpro HD Motorhead
- 1.75" Omega CT Setting Adapter
- 2.700" Omega Hydrostatic Setting Tool
- 4.500" (3.6"OD) V-Zero™ Bridge Plug



Omega

Well Intervention

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