General Case Histories

Date: April 2007
Job Objective:
Open a sliding sleeve for circulating and then close sleeve upon completion.
Job Outcome:
Wireline had failed to open the sliding sleeve, Welltonic were called at midnight and had the tools mobilized to the dock by the following morning (4 hour drive). The personnel flew out by helicopter and waited on the tools arriving. The first part of the job (opening the sleeve) was completed within 6 hours of the tools arriving on the rig and the whole job was completed in good time with no incidents.

Date: October 2006
Job Objective:
A campaign of 5 wells where the Ceramic Flapper on a KOIV (Knock Out Isolation Valve) had to be broken and a sliding sleeve opened and then closed on 2 of the wells.
Job Outcome:
On all of the wells a 2-1/8" OD motor was ran in conjunction with a 2.625" OD PDC mill. The disk was tagged with 2K weight. The coil tubing was pulled back 10' and the pump was kicked in a 0.75 barrels per minute allowing time for the rate and pressure to stabilize. The mill was then slowly run in hole until the disk was tagged. The mill broke through the disk in approximately 5 seconds. A shifting tool was run in conjunction with an Impact Hammer to firstly open and then close the sliding sleeves.

Date: October 2006
Job Objective:
To break the Ceramic Flapper on a KOIV (Knock Out Isolation Valve) to allow full access to the wellbore.
Job Outcome:
Wire-line was unable to burst the disk due to the well deviation. A 2-1/8" OD motor was ran in conjunction with a 2.625" OD Hurricane mill. The disk was tagged with 2K weight. The coil tubing was pulled back 10' and the pump was kicked in a 0.75 barrels per minute allowing time for the rate and pressure to stabilize. The mill was then slowly run in hole until the disk was tagged. The mill broke through the disk in approximately 5 seconds. A pressure increase was noted on the well-head at this time. The BHA was then drifted past twice to ensure the disk was fully gone. The BHA was then pulled back to surface. The well was then cleaned up and handed to production.

Date: October 2005
Job Objective:
To break the Ceramic Flapper on a KOIV (Knock Out Isolation Valve) to allow full access to the wellbore.
Job Outcome:
A BHA consisting of a Hammer and Accelerator was run in to above the KOIV. The hammer was activated by pumping fluid from surface and applying weight down to the valve. The flapper was broken allowing the full access to wellbore.

Date: September 2005
Job Objective:
Cleanout obstruction with 2-1/2" SpinCat @ 2,345ft to top of phoenix blanking plug @ 5,748ft, and then to retrieve blanking plug and set isolation sleeve.
Job Outcome:
The SpinCat was RIH and the well was successfully cleaned out to 5,748ft. The BHA was then changed out for a 3.00" OD Modified Slickline JDC assembly with Jar/ Accelerator. This assembly was RIH, the blanking plug was latched and only 1 jar was required to release the plug, which was then retrieved to surface. The 3rd run was to install an isolation sleeve to blank off the lower ESP and this was deployed using a Flow Release 3-1/2" GS with Jar/ Accelerator, the sleeve was successfully ran and set as per procedure.

Date: May 2005
Job Objective:
Welltonic were asked to provide a cost effective solution to a customer who wanted to selectively acidize several zones within their Gas Wells to allow conversion to Gas Storage Wells.
Job Outcome:
Welltonic made a tool consisting of Bull Nose, Swab Cup, Injection Sub and Inverted Swab Cup.
The tool was run and successfully selectively acidized numerous zones on 4 wells. The tool was completely successful and far more cost effective than other proposed Straddle Assemblies.

Date: May 2005
Job Objective:
Welltonic were asked to provide a cost effective solution to a customer who wanted to selectively acidize several zones within their Gas Wells to allow conversion to Gas Storage Wells.
Job Outcome:
Welltonic made a tool consisting of Bull Nose, Swab Cup, Injection Sub and Inverted Swab Cup.
The tool was run and successfully selectively acidized numerous zones on 4 wells. The tool was completely successful and far more cost effective than other proposed Straddle Assemblies.

Date: January 2002
Job Objective:
Clean out scale build up of in well using a Roto-Wash tool.
Job Outcome:
The Roto-Wash BHA was run in the well and cleaned out all the scale from 1,100mtrs to a depth of 6,100mtrs. The BHA was POOH and checked. It was then changed out to a jetting BHA to pump a gel pill to clean all debris from the well before the next operation could be achieved. The cleanout operation was completed as per the customer's requirements.