

Descale EA-36 flowline on DP-A to achieve STOG of 300bpd by November 2018

Background/Business Case			Benefits Forecasted	
<p>Currently EA-36 which is High Pressure (HP) well flows through the Multi Phase Flow Meter (MPFM) rather than through the HP production header. This is because of an observed production gain of circa 1000bpd when the well flows through the MPFM. Consequently, a deferment of 1000bpd is usually incurred during monthly well tests when the well is taken off the MPFM for a period of 7-10 days. Analysis shows that the Flow Line Pressure (FLP) spikes when the well lined up to the production header - an indication that the flowline may be restricted. Recently, significant amounts of scale were removed from a diverter valve on the flowline confirming that indeed, the flowline is restricted. There is therefore an opportunity to permanently increase production by circa 1000bpd by de-blocking the flowline of EA-36 using descaling solvents and freeing up the MPFM for well tests without any associated deferments.</p>			<ul style="list-style-type: none"> Production gain of circa 1000bpd net oil for 10days every month. Circa 300 bpd STOG on EA-36 and elimination deferment during monthly well test when EA-36 is taken off the MPFM Eliminate back-pressure effect on EA-36. Avoid degradation of EA-36 flowline integrity. Return EA-36 to its normal operating header without production loss. 	
Project Plan			Critical Success Factors	
Milestones	Timeline	Action Party	<ul style="list-style-type: none"> There is a 40% chance that descaling EA-36 alone may not give the desired solution as other wells (EA-20 and EA-26) also show similar behaviour Getting the right mix of solvents and efficacy of descaling solvents Successful approval to carry out descaling activity on the run. Reduction of expected gain due natural well decline between period of analysis to execution 	
<ul style="list-style-type: none"> Data Gathering Work Scoping costing Develop execution strategy Secure Approval for budget & associated shutdown 	<ul style="list-style-type: none"> 1st Sept - 10th Sept. 10th Sept.-15th Sept 15th Sept.- 20th Sept. 20th Sept.- 30th Sept 	<ul style="list-style-type: none"> Belema Belema/Nnamdi Belema/Nnamdi Chris Ugochukwu 		
<ul style="list-style-type: none"> Mobilize vendor to site Execute descaling Monitor performance 	<ul style="list-style-type: none"> 24th Oct.- 26th Oct 26th Oct.- 29th Oct 29th Oct.- 30th Nov. 	<ul style="list-style-type: none"> Belema/Nnamdi Belema/Idara/vendor Belema/Ubong 		
High Level Timeline			Team Members	
<ul style="list-style-type: none"> L0/L1 -15th Sept. 2018 L2 - 30th Sept. 2018 L3 - 24th Oct. 2018 L4 - 26th Oct. 2018 L5 - 30th Nov. 2018 			<ul style="list-style-type: none"> Sponsor: Meshach Maichibi Project Lead: Belema Agala BI Lead: Akaka Alphonsus 	
			Project Members	
			<ul style="list-style-type: none"> Nnamdi Abuah Ubong Umoh Andy Iboi Idara Ekwere Bassey Ikeme 	