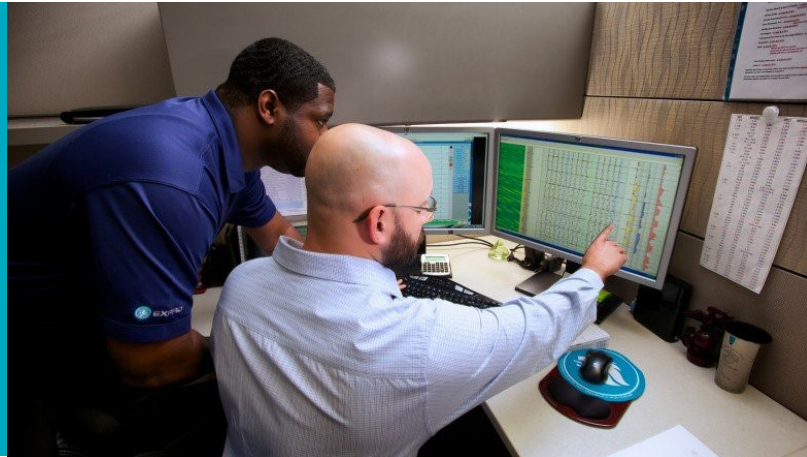


Expro Excellence

Expro delivers 28 Well Hopper Production Optimisation Study in 6 Weeks

EGIS



Objectives and background

- Repsol Sinopec Resources UK Ltd requested an independent technical study of 28 wells that had the potential to add incremental production from their assets
- The objective of the project was to quantify and estimate the cost of the additional production opportunities. The four work categories evaluated were:
 - Artificial Lift optimisation – Gas Lift Valve deepening and evaluation of ESP change out benefit
 - Petroleum Behind Pipe – additional perforations and water shut off
 - Evaluation of Water Injector optimisation strategies
 - Resolution of well access/integrity issues – Coiled Tubing clean out and fishing
- The well hopper project output would inform the forthcoming 2020 business plan and associated work schedules



Expro Excellence

- Expro leveraged the expertise of our Petroleum Engineering Solutions team and Well Intervention capabilities to create a unique value proposition. This time-bound project was delivered on schedule because the Expro team were flexible, communicated well and were quick to adapt to changing circumstances
- Repsol Sinopec received detailed credible production projections and well intervention costs in order to make important investment decisions for each well
- The key Engineering disciplines engaged were Reservoir Engineering and Production Technology

Value to the client

- Incremental production opportunities were calculated by comparing production models following interventions with ‘do nothing’ scenarios
- Intervention cost estimates were built from detailed intervention work scopes
- Expro applied consistent workflows that modelled opportunities across six assets
- Repsol Sinopec’s work programs will change as a result of these new insights

“Overall, this was a pretty thorough job.”

Subsurface Manager

Fast track



Opportunity	Scope	Cost	POB	Duration (days)	Additional oil uplift
Well 1	Run RST, PLT Log, execute water shut-off		11	15	
Well 2	Re-configure artificial lift injection valves		11	10	
Well 5	Recover fish, reinstate well production		11	8	
Well 6	Scale removal		13	14	

Contact

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