



Annual General Meeting

October 26th

2016

Deployment results from latest installation have proven the theory that varying degrees of depletion has occurred along the wellbore

We base this on the following ;

- Recovered frac sand
- Gas interference at the heel area
- Cross flow
- Fluids separation
- Water traps

- Effective pump positions in the horizontal section
- Initial production improvements tempered by water loading
- The results indicate stranded reserves remain in place
- The system is robust and versatile, allowed for consistent and selective inflow and outflow control from the frac ports to the production tubing

Next Steps;

- The addition of electric over pneumatic activation, pressure monitoring and individual pump control will transition the system into a production management platform and allow commercialization in deeper longer wellbores
- Preliminary design work has begun, vendors have been identified and testing is continuing in the shop to determine flow dynamics associated with increased pump cycles.



Pump#4 2015
"Heel" 845mtr MD



Pump#3 2015
966mtr MD



Pump#2 2015
1114mtr MD



Pump#1 2015
"Toe" 1261mtr MD

PUMP #4
MD: 1005m
TVD: 715.6 m
INC: 89.5°
VOL: 2.6 L
WC: 80%



Pump#4 2016
"Heel" 1005mtr MD

PUMP #3
MD: 1125m
TVD: 716.4m
INC: 89.7°
VOL: 1.8L
WC: 83%



Pump#3 2016
1125mtr MD

PUMP #2
MD: 1245m
TVD: 716.0 m
INC: 90.1°
VOL: 3.9L
WC: 100%



Pump#2 2016
1245mtr MD

PUMP #1 (TOE)
MD: 1410m
TVD: 713.3m
INC: 92.0°
VOL: 1.2L
WC: 65%



Pump#1 2016
"Toe" 1410mtr MD

- The 1.5” and 2.5” high angle Reciprocating Rod Pump are ready for commercialization. The pumps performed as expected in horizontal and high deviation >75deg landed angles
- The Large bore pump is in late development
- The company has a number of technical sessions booked with interested parties particularly for cyclic steam and high volume well bores.
- Seal technology testing is continuing for high temperature installs

Thank you