RipSTICK – First Run in LATAM

Mexico – Onshore Exploratory Well

Innovex utilized a DWS 6-3/4” RIPSTICK to mitigate the shock and vibration during a vertical wellbore enlargement operation.

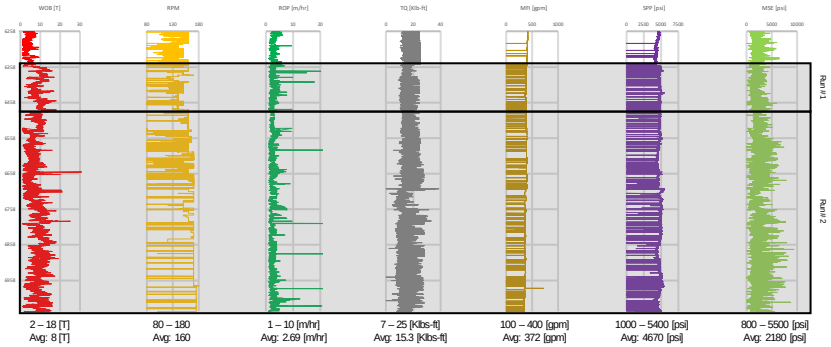
BHA #2	
Hole Size [in]	8 ½ x 10 ¼”
Depth In [m]	6354
Depth Out [m]	6539
Interval Drilled [m]	185

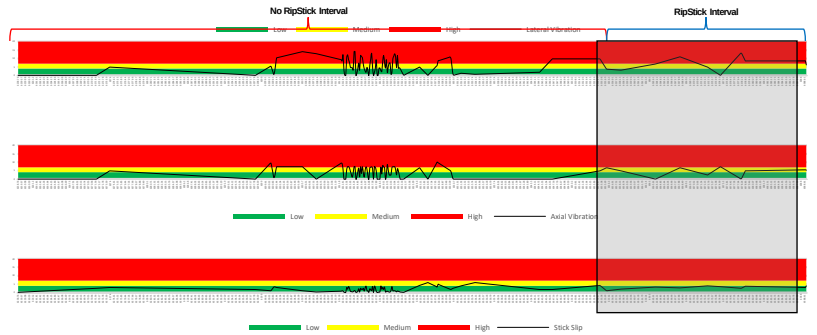
BHA #3	
Hole Size [in]	8 ½ x 9 ½”
Depth In [m]	6540
Depth Out [m]	7045
Interval Drilled [m]	505

Results were optimal using two different BHAs, due to a change in RSS, and accumulating a total of 392.28 operating hours and approximately 780 overall usage hours.

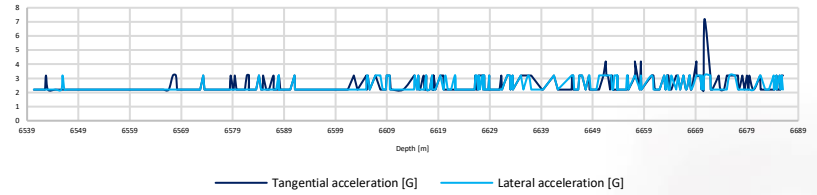
- Kept a smooth ROP through the entire run (2-3 mph)
- Approximately 18-20% reduction in average torque
- MSE indicated approximately 53% lower energy consumption per drilled meter
- Stable BHA acceleration as per real time records

Operative Summary				
Run #1 – BHA #2		Run #2 – BHA #3		Total [hrs]
Operation	Time [hrs]	Operation	Time [hrs]	
Drilling	74.12	Drilling	231	**305.12**
Reaming & Backreaming	32.71	Reaming & Backreaming	54.45	**87.16**
Total	**106.83**	**Total**	**285.45**	**392.28**





*partial record



*partial real time record