

# NORTH SEA PERFORMANCE BULLETIN

12 1/4" V616PG2XU PDC bit drills 2981 meter of Zechstein on L10-39



## 12 1/4" V616PG2XU NL well L10-39 Zeigler for Engie E & P.

### Bit Application

This Varel 12 1/4" V616PG2XU serial 6015509 was run on a Baker Autotrack BHA to drill the 12 1/4" casing shoe and build from 39 to 57 degrees inclination.

The bit drilled a superb 2981 meters at an average controlled ROP of 22.6 m/hr to TD in two runs.

### Geological Formations and Lithology

Zechstein, Anhydrite.

### Advanced Bit Technology

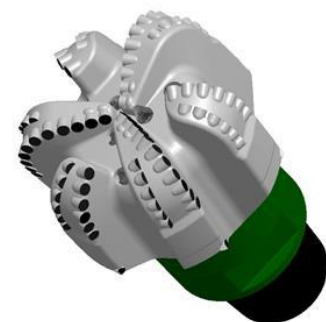
U - PDC cutters strategically placed to help reduce hole problems when up drilling or back reaming.

P - PowerCutters™ provide extra cutter density on the shoulder reducing excessive wear or cutting structure damage when drilling interbedded formations.

**Bit Hydraulics** : 6 x 16, H.S.I = 2.6 - 3.9

### Performance Summary

The bit drilled to section TD only being pulled once intermediately because of pump problems and DP washout.



Well	12 1/4" Bit	Depth In (m)	Depth Out (m)	Interval (m)	ROP (m/hr)	RPM (TDS)	Flow Rate (gpm)	Mud Weight (sg)	BHA	IADC Dull Grade
L10-39	V616PG2XU	1230	3383	2153	22.66	100-130	NA	1.74	RSS	1 1 WT A X I NO PP
L10-39	V616PG2XU	3383	4211	828	22.37	100-130	NA	1.75	RSS	1 1 WT A X I NO TD

Varel



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