



PREMIUM DRILLING TOOLS, Pty Ltd

Santos

PERFORMANCE REPORT

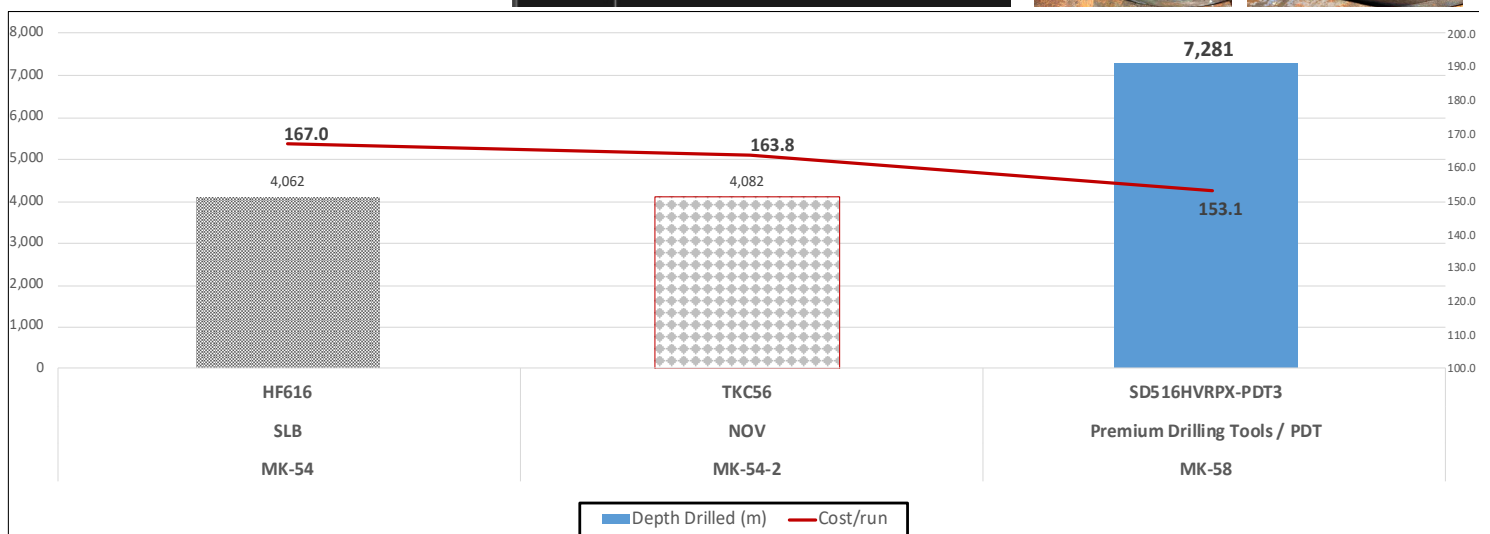
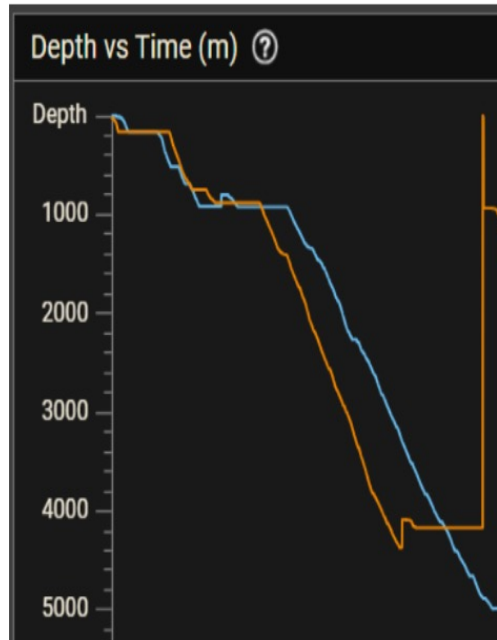
8 1/2" SD516VHRPX-PDT3

Santos Limited – SIS QLD Fields - Australia

PremiumDT “PDT3” design with XL Forced® cutters and “Fit For Purpose” profile drilled Entire ERD well with best DURABILITY & STEERABILITY on RSS BhA

Well Drilled: MK58-ERD (3xLegs)
Region: East Basin, QLD
Lithology: Silt st, Sand st, Coal
Bit Type: SD516VHRPX-PDT3
Serial #: PDT2022

Depth In: 872 m
Depth Out: 4,650 TMD
 (Final Lateral)
Interval Drilled: 7,281m total
 (3 x SIS Lateral drilled)
On.Btm Hours: 296 hrs
On.Btm Av.ROP: 24.5 m/hr
Final Dull: 1-1-CT-A-X-I-ER-TD



Total PURE Savings by PDT design vs. Offset (USD)	\$/m Average Offset	\$/m PDT well	Drilled m	\$ 101,134
	167.0	153.1	7,281	

$$\text{Cost per meter (IADC)} = \frac{\left[\text{Bit Cost} + \left(\text{Drilling hours} + \frac{\text{Depth Out}}{\text{Trip rate}} \right) \times \text{Rig Rate} \right]}{\text{Interval Drilled}}$$

All information and designs are protected under trademark Act of Australia for "Premium Drilling Tools, Pty Ltd" (ABN 636622 86035).
 XL Forced(TM) PDC cutters are patented to Premium Drilling Tools, Pty Ltd.