



SCIENTIFIC AND PRODUCTION ENTERPRISE

BURINTEKH

Bit Report
16" B519YCB.052-01 #35553
Hawqa Field
Hawqa-51 Rig-96
«Petroleum Development Oman»



Bit type:	16" B519 YCB.052-01 №35553			Nozzles: 7x14/32
Run #:	1			Total
Date:	08.11.2018 - 09.11.2018			1.05in2
Field:	Hawqa			
Well:	51 (Vertical)			
Drilling From / To:	7.5	778		
Drilling interval, m:	770.5			
Drilling hours, hrs.:	16.59			
ROP, m/hr.	46.45			
Sliding, m/hr.:	-			
Sliding, m:	-			
Drilling parameters:	6-15 kdaN / 12500 kPa./ 3 m3/min / 100 SRPM			
Mud parameters:	Water / PHB S 10.1 kPa/m			
BHA:	16" PDC bit + 9 5/8" PDM (Ray 7/8, 4.8stg.) + 9.6" Shock Sub + 15 3/4" Stab + XO + 8 X 8 1/4"DC + 6 1/4" XO+ 6 X 6 1/4"DC + XO+ 12 X 5" HWDP + 5" DP to surface			
Drilling Rig / Pumps:	2 x BOMCO / F-1000 TRIPLEX			
Dull Grade (Out):	1-2-CT-A-X-I-NO-TD			
Engineer:				

Feedback from DSV & DD engineer regarding 16” BURINTEKH bit performance:

- Drilled Top hole 16” from surface till TD @778 m. With average ROP = 46.45 m/hrs.
- The Bit was given very good performance. Very less vibrations and less erratic torque comparing with other Bits
- The Bit is recommended to drill 16” Top hole on same field as it showed very good performance with less vibrations & erratic torque which is one of the major factor for safe drilling in top hole for Downhole tools and rig surface equipments.



Hawqa 16" ROP Comparison









