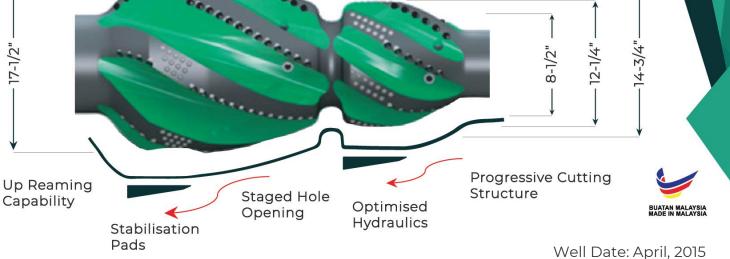
OLTECHNOLOGIES OMNI MULTI BORE REAMER RUN HISTORY 12-1/4" x 17-1/2"



WELL	Directional well in the K5.4 (PCSB) , SK302B field located in Offshore Sarawak, Malaysia.
WELL OBJECTIVE	The objective of the well was to directional drill a pilot hole prior to opening up to 17-1/2".
HOLE ENLARGEMENT OBJECTIVE	The hole was tracked and enlarged to 17-1/2" diameter to run and set the casing.
BOTTOM HOLE ASSEMBLY	The OMNI-MBR multi staged opener was run with an 8-1/2" bullnose and 12-1/8" near bit stabilizer in tandem with the OMNI-MBR.
PERFORMANCE	The OMNI-MBR hole opener tracked and opened 144 meters to 17-1/2" hole from vertical at 0.54 degrees inclination with rate of penetration of 26 m/hr in one run.
DULL CONDITION	The final dull condition was 1-1-WT-A-X-IN-NO-TD . The OMNI-MBR was in a rerunnable condition.
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- RESOLVES the parted to TD by previous hole opener competitor while maintaining stability.
 - BHA design (Bullnose + HO) performed better than previous competitor BHA (Bit + HO) because with no cutting structure on Bullnose helped to guide the BHA into pilot hole without any formation engagement.

