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Omega
Completion Technology Ltd

Omega Case History

Catapult High Deviation Rolling System.

CASE HISTORY

Operators Challenge

Omega Completion Technology was approached by an operator in India requesting a toolstring to allow them to Wireline at 87 degrees and set a plug for water Isolation.

Previous Wireline runs in the well could only achieve a depth of 833 metres (66 degrees) The target depth was 2250 metres (88 degrees).

Sequence Of Events

Prior to setting the plug a number of runs were planned to determine whether the setting depth could be achieved.

The Omega High Deviation Toolstring Package was run to a depth of 1011m (86 degrees) some 178 metres deeper than previous wireline runs.

The Omega Catapult was activated allowing further access in the well to a depth of 1210 metres (87 degrees) a total of 377 metres deeper than any previous attempt.

Operational Summary

Previous Wireline depth achieved 833 metres (66 degrees).

Omega High Deviation System achieved a depth of 1011 metres (86 degrees).

Omega Catapult activated and a depth of 1210 metres (87 degrees) was achieved.

Tool String Configuration:

1. Releasable Rope Socket.
2. Roller Sub.
3. Weight Bar.
4. Roller Sub.
5. Horizontal Self Cocking Jar.
6. Roller Sub.
7. Catapult.
8. Roller Sub.
9. Pressure Module.
10. Hydrostatic Setting Tool.
11. Bridge Plug
12. Roller Sub.