

An Indian Operator Saved \$2 Million in Assets Through Intervention Operations that Enhanced Production and Saved Costs.

Value to Our Clients

- The successful fishing recovery of an open hole drilling bottom hole assembly tool in a 90-degree lateral horizontal well minimized NPT on critical path operations.
- This allowed production to continue in the same lateral hole.
- One hundred percent (100%) recovery of the 6 1/8" hole drill string was achieved, with a total length of 854.80m.

Challenge

- The open hole BHA became stuck at a 90-degree lateral.
- A shallow backed-off string was encountered at a depth of 320.5m.
- The left-hand taper tap failed twice during the operation.

Solution

- Downhole mechanical back-off was required to recover the 818.3m string.
- A 5 3/4" wash-over operation was needed using air and foam fluid.
- A clean-out of the annular packed area around the 6 1/8" BHA string with a distance of 36.5m was necessary to recover the tool from a 90-degree lateral hole.

Result

- Through intervention operations, \$2 million worth of assets were recovered which enhanced production operations and reduced costs.
- The downhole mechanical back-off was successfully executed resulting in the recovery of the string.
- The wash-over operation was successful.
- The 3 1/2 IF box top (1139.5m, 90 deg) BHA Tool was successfully deployed.
- The string was removed and pulled from the hole (POOH) to the surface without further operational delays



Well Intervention Services

- 5 3/4" Washover operation
- Washover course length - ~34m.
- Washpipe length – 39.5m,
- Rotary shoe - 5 1/8" ID X 5 7/8" OD.
- Downhole mechanical back-off, screw in BHA operation

Location

Shahdol, Madhya Pradesh | India

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