

Single trip multi-function solution saves 12 rig days on slot recovery operation

CHALLENGE

- Slot recovery operation where 13-3/8 in. casing required removal to exit from 18-5/8 in. casing
- Old 18-5/8 in. casing could not handle high operational pressure or mechanical loads
- In an earlier campaign previous attempt to remove 13-3/8 in. stuck casing with settled barite on the back side was attempted without success.
- Logs showed settled barite along 2x 200m casing lengths which could not be pulled

SOLUTION

- Multi-function one trip solution with XP™ high-load rotational spear and X-treme™ SJI™ mechanical slotting tool
- Hydro mechanical slot holes in the casing and jetted straight out the slotted holes to remove the settle barite that holds the casing
- Whirling effect of jetting with high velocity to loosen the settle barite before washing it up to surface over the shaker
- Slot 3 rows x 200 m and use the XP spear to pull with in the same run

RESULTS

400m recovered

Pulled 2x 200m of stuck 13-3/8 in. casing in a single trip

12 days saved

Unique combination solution enabled operation to be completed 60% faster than planned

HSE

Explosive free, less time and exposure with personnel in the red zone



Slotted 13-3/8 in. casing



X-treme SJI mechanical slotting tool



X-treme SJI