

ALBERTA, CANADA
 KEG RIVER FORMATION

Operator	Apache Canada Ltd.
Lithology	Dolomite and carbonate

Background

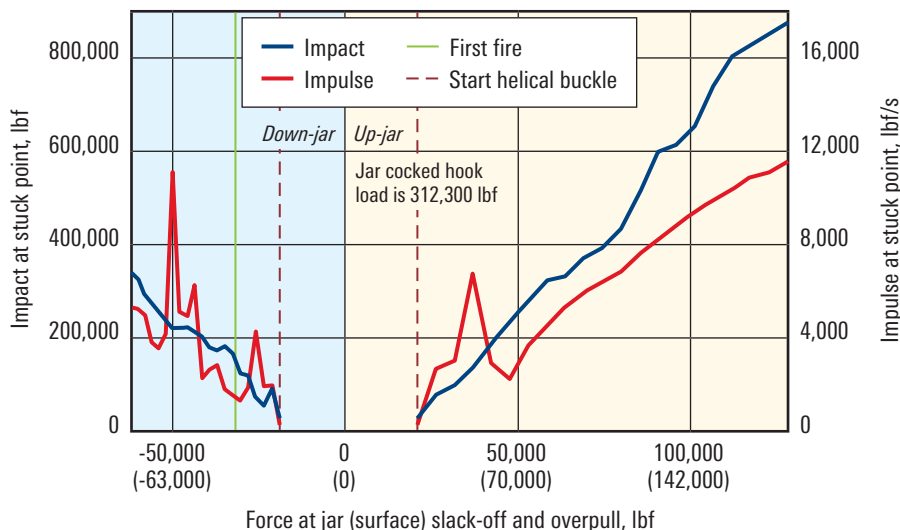
While drilling in a dolomite and carbonate formation in the Keg River formation, Apache Canada needed to free a drillstring that was packed off by calcium carbonate buildup in the formation.

Technology

Hydra-Jar AP* double-acting hydraulic drilling jar

Hydraulic Drilling Jar Frees Stuck Pipe in 7 Hours, Minimizing NPT and Rig Costs for Apache Canada

Successful jarring avoids fishing operation



The double-acting hydraulic drilling jar fired more than 200 times in 7 h with no loss of hitting force, enabling the operator to free the stuck pipe and continue drilling to TD without a fishing operation.