

Case History

4-3/4-in. OD RatPACK™

Problem

A major independent oil company needed to recover a stuck gravel-pack washpipe from a newly set gravel-pack assembly on one of their deepwater wells. After two unsuccessful attempts to engage the fish with wireline, only two short sections of the 1.660-in. OD fish were recovered using an overshot, straight over-pull and jarring.

Solution

Due to problems gaining access to the packer bore and the low tensile yield of the washpipe being fished, Baker Oil Tools answer for recovery was a 4-3/4-in. RatPACK vibration tool. The bottomhole assembly was tripped in the hole and the top of the fish was engaged; straight over-pull of varying weights was applied several times without any discernable movement of the fish. The RatPACK was activated at 3 BPM and the fish immediately began moving up hole. Each time the pumps were shut down, the fish stopped moving. The fish had to be resonated +/-200 ft until the bottom of the fish was above the packer bore.

Results

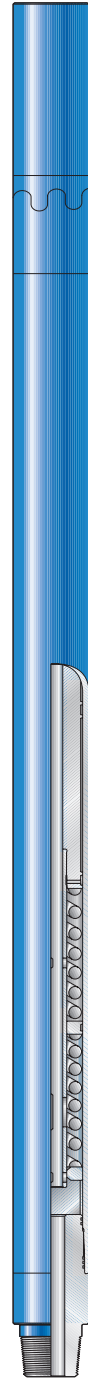
- All 211 ft of the gravel-pack washpipe was recovered from the gravel-pack assembly
- Recovery enabled completion operations to continue

Project Details

Location: Gulf of Mexico Deepwater, Green Canyon, New Iberia Fishing Services

Well Details: 7-3/4-in. 46.1 lb casing, gravel-pack packer top at 28,839 ft, 4-in. ID packer bore and top of fish at 28,848 ft

Tool Selection: 6-3/8-in. OD guide shoe, WP extension, 3-3/4-in. OD overshot, 4-3/4-in. OD RatPACK tool and 4-3/4-in. OD fishing jars



4-3/4-in. OD RatPACK™