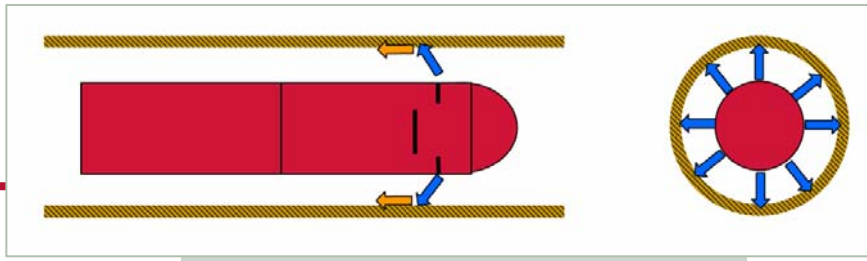
Weatherford®

REAL RESULTS



Cabinda Gulf Oil Company Increases Production by 2,800 BOPD, Performing Stimulation with MasterJet™ Nozzle

The *MasterJet* nozzle is a linear-geometry jetting nozzle that is more effective, more reliable, and faster than standard rotating jetting nozzles. There are no moving parts to malfunction. High-jet velocity with 360° coverage and constant flow provides better results in less time.

Objectives

- Clean out the remains of proppant from a recent frac job.
- Stimulate the well conventionally.

Results

- The well was cleaned out to a total depth of 12,479 ft (3,804 m), using 1,000 scf/m (28 m^3/m) nitrogen and 1.8 BPM 6% KCL fluid.
- The well was stimulated conventionally using the *MasterJet* slotted-head nozzle to pump 110 bbl of 7.5% nitrified HCL across exposed perforations.

Value to Client

- A combination of well cleanout and stimulation with Weatherford's *MasterJet* nozzle increased production from 1,700 BOPD to 4,500 BOPD.
- The operator saved the cost of a 12,469-ft (3,804-m) coiled-tubing trip by not having to use a motor/mill combination to clean out the well.

Client
Cabinda Gulf Oil Company Ltd., Angola

Location
Offshore Republic of Cabinda

Depth
12,579 ft (3,834 m) MD

Hole Size
4 1/2-in. monobore

Bottomhole Temperature
298°F (148°C)

Coiled Tubing
2-in. HS 90 grade

Products/Services
- *MasterJet* jetting nozzle

Weatherford International Ltd.
515 Post Oak Blvd., Suite 600
Houston, Texas 77027 USA
Tel: 713-693-4000
www.weatherford.com

Cabinda Gulf Oil Company Ltd, Angola
Mark Parkinson
Senior Production Engineer
ape33@chevron.com

Weatherford
Mike Reekie, Supervisor
Thru-Tubing Operations
mike.reekie@eu.weatherford.com

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