



Weatherford®

REAL RESULTS

OverDrive™ System, Free-Rotating Eccentric Guide Shoe Overcome Tight Restrictions, Reach TD in a Single Run, Save \$90,000

Objectives

- Run a casing string through various tertiary formations to section total depth (TD) without rotation capabilities in a safe, cost-effective manner.
- Drill a development well in an untapped area of the reservoir.

Results

- Weatherford personnel deployed the free-rotating eccentric guide shoe to guide a 13 3/8-in. casing string through a 1,200-ft (365-m) restriction zone below 1,800 ft (548 m) using only reciprocation and circulation.
- The casing string was manipulated to enable the guide shoe to run through the swelling clay section, successfully reaching the section TD.
- Weatherford's *OverDrive* system enabled the operator to install the casing string and *SpiraGlider*® HD centralizers safely and efficiently in the wellbore, improving rig floor operations.
- The development well was drilled successfully without safety or operational issues.

Value to Client

- Using Weatherford's *OverDrive* system and free-rotating eccentric guide shoe enabled the operator to run the casing to section TD on the first run, saving eight hours of rig time and associated costs.
- The successful placement of the 13 3/8-in. casing enabled the operator to drill the production zone safely without incidents and without compromising the integrity of the well.



Weatherford's free-rotating eccentric guide shoe, *OverDrive* System, and *SpiraGlider* centralizers were successfully used together for the first time in Ecuador to drill to section TD safely without incidents, saving eight hours of rig time and associated costs.

Client
Repsol

Location
Ecuador

Well Type
Onshore, horizontal development

Formation
Claystone/siltstone

Casing
13 3/8-in., 54.5-lb/ft BTC

Casing Depth
3,000 ft (914 m) MD

Products/Services

- *Overdrive* system
- Free-rotating eccentric guide shoe
- *SpiraGlider* HD centralizers
- Sure-Seal 3™ valve

Weatherford
Juan Jijon
Cementing Products Coordinator
juan.jijon@weatherford.com

Repsol
Renato Muñoz
Drilling Engineer
RGMUNOZV@repsol.com

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. For more information, contact patents@weatherford.com. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.