

	GB DWC Case History Fidelity Exploration Of Texas Tabasco Field South Texas	September 14, 2009
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Introduction

Fidelity Exploration of Texas was among the first Operators to try the GB CD Connections in their South Texas Tabasco Field. The drilling program was unique with respect to the 7" OD, 23.00 ppf, P-110 GB CD Casing String.

Connection Summary

The GB CD is a modified Coupling machined from API Coupling Stock. It features an innovative triple-taper in the box thread for enhanced fatigue resistance and reduced thread galling. At full power tight makeup, there is pin nose to pin nose contact in the center of the connection for high torque resistance.

GB CD pin threads have tighter diametric tolerances, an engineered pin nose (to maximize torque resistance) and proprietary finishing. However, the GB CD Pins still meet API Specifications.

Description of Operations

Over more than 2 years, the Operator applied Drilling with Casing to an average of 2 wells per month. Each well consumed about 6,000 to 8,000 ft of 7" OD, 23.00 ppf, P-110 Casing. After reaching TD, they routinely pulled 2,000 ft of this casing to permit an open-hole logging trip. On average these strings were rotated between 70 and 100 hours at 80 to 100 rpms.

During the first few partial string retrievals, the operator requested the presence of a Service Hand for visual inspection and field repair of pin and box threads prior to rerunning that portion of the casing string. During those visits, not a single thread required field dressing. ***In fact, over the life of the program consisting of more than 60 casing strings, not one joint of 7" OD Casing has ever been laid down due to thread galling.*** And, only the first two strings were run and pulled with Service Hand assistance.