



Fusion of Experience, Innovation & Technology

## TRI-MAX Enlarging While Drilling Tool (EWD<sup>®</sup>)

The **Proof** is in **Performance Records**

### FINAL EWD RUN REPORT

Operator: <u>Marathon</u>	Depth Out: <u>20,317 ft</u>	Well No: <u>#3</u>
Rig Manager: <u>Roy Arabia</u>	Depth In: <u>13,603 ft</u>	Field: <u>Garden Banks 515</u>
Contractor: <u>Noble</u>	Footage: <u>6,714 ft</u>	Area: <u>Gulf of Mexico</u>
Rig: <u>Max Smith</u>	ROP: <u>Average 150 ft/hr</u>	Date: <u>September 2001</u>

Tool Size Serial # 12" X 14 1/4" EWD S# 31214-01

Drilling Hrs: 44.7 In Hole Hrs: 153

BHA: 12 1/4" PDC bit, Rotary Steerable, 12 1/8" Stab., 12 1/4" X 14 1/4" EWD

WOB: 20 - 25 lb RPM: 170 - 210 Hole DEV: 0.4° kickoff to 10°

Rotary Torq Off Bottom 9k ft/lb Rotary Torq On Bottom: 12-15 ft/lb Hook Load: 610k1b

Mud Type: Synthetic Mud Wt: 13.5 ppg Visc: 84

GPM: 820 SP Press: 4,280 psi BHT: 380° f

#### Comments:

- \* The EWD 12 1/4" X 14 1/4" drilled a total of 6,714 ft in one run. The EWD went in at 13,603 and came out at 20,714. Average ROP was 150 ft/hr.
- \* EWD drilled more than 950 ft of cement including plugs.
- \* Pull out of hole, changed BHA due to Rotary Steerable System Signal sub plugging, a total of three trips were necessary due to other BHA component failure.
- \* EWD gauged as 15% worn - no problem on coming back into casing, EWD could have been rerun but the Company Man decided to run a complete BHA.

Company Representative: Roy Arabia

TRI-MAX Representative: Hisham Ehesawy



A series of EWD<sup>®</sup> run reports describing tool performance in a variety of applications.  
For additional information contact us at: