

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

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

### FINAL EWD RUN REPORT

Operator: <u>Conoco</u>	Depth Out: <u>9,703 ft</u>	Well No: <u>Kate Prospect</u>
Rig Manager: <u>Stan Rodgers</u>	Depth In: <u>7,532 ft</u>	Field: <u>730</u>
Contractor: <u>Global Marine</u>	Footage: <u>2,171 ft</u>	Area: <u>Gulf of Mexico</u>
Rig: <u>Explorer</u>	ROP: <u>120 - 200+ ft/hr.</u>	Date: <u>November 2001</u>

Tool Size Serial # 17" X 20" EWD S#31721-101 & 17" X 20" ES S# 31721-302  
 Drilling Hrs: 39 hours In Hole Hrs: 133 hours

BHA: 17" PDC Bit, 17" X 20" EWD, 1.2° mud motor, 17" X 20" ES

WOB: 5-10k RPM: 60-120 Hole DEV: 1.2°

Rotary Torq Off Bottom 5,100 Rotary Torq On Bottom: 8,600 Hook Load: 385k

Mud Type: Synthetic Mud Wt: 11.0 ppg Visc: 56

GPM: 1,400 SP Press: 5,600 on bottom BHT: \_\_\_\_\_

#### Comments:

- \*Drilled cement, shoe and 50ft, rathole. Set EWD and backream to shoe.
- \*Set ES & drill ahead in shale from 7,566-8,509 ft. at 180-350 ft/hr.
- \*At 8,509 ft. hole collapsed above BHA. Jar the string free.
- \*POH & inspect BHA. Change jars & MWD, EWD & ES looked good so TIH again.
  
- \*Build mud weight to prevent furthuer hole collapse.
- \*Control drill from 8,509-9,360 ft, with 120-150 ft/hr to keep ECD low.
- \*Control drill top of SALT from 9,360-9,703 ft. with 30 ft/hr to casing point.
  
- \*Casing run to bottom with no problems!

Company Representative: Stan Rodgers / Roger Louviere

TRI-MAX Representative: Mark Herbert / Hisham Flessawy



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