



Fusion of Experience, Innovation & Technology

TRI-MAX Enlarging While Drilling Tool (EWD[®])

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

FINAL EWD RUN REPORT

Operator: <u>Trans Texas Gas</u>	Depth Out: <u>21,050 ft</u>	Well No: <u>Sheldon</u>
Rig Manager: <u>J. Jones/ J Bris</u>	Depth In: <u>16,735 ft</u>	Field: <u>Galveston</u>
Contractor: <u>Nabors</u>	Footage: <u>4,315 ft</u>	Area: <u>Gulf of Mexico</u>
Rig: <u># 393</u>	ROP: <u>Average 31.5 ft/hr</u>	Date: <u>11-25-99</u>

Tool Size Serial # 8 1/2" X 9 7/8" EWD Ser# 34
 Drilling Hrs: 137 In Hole Hrs: 321
 BHA: 8 1/2" PDC bit, 8 1/2" X 9 7/8" EWD, 6 3/4" DC
 WOB: 7 - 12 RPM: 70 - 80 Hole DEV: 1° @ 18,755 ft
 Rotary Torq Off Bottom 5-6 ft/1b Rotary Torq On Bottom: 7-8 ft/1b Hook Load: 420k 1b
 Mud Type: OBM Mud Wt: 18.6 ppg Visc: 78
 GPM: 300-340 SP Press: 3,200 psi BHT: 387° f

Comments:

- * Drilled 4,200 ft Salt Section with thin sand & shale lenses
- * Drop TOTCO every 500 ft. drilled. P.O.H to 9-5/8" casing shoe to recover TOTCO.
- * Ream Plastic Salt Section to bottom every wiper trip.
- * Deviation 1° @ 18,755 ft MD.
- * At 19,062 ft bottom hole temp too high, TOTCO malfunction, Drilled to 21,050 ft MD, Average ROP 31.5 ft/hr.
- * First well drilled with two bi-center bits. ROP 15 ft/hr.
- * EWD wear 60%. Log shows 9-7/8" hole, 7-5/8" liner ran to bottom.

Company Representative: Jimmy Bristle
 TRI-MAX Representative: Derek Kelehan



A series of EWD[®] run reports describing tool performance in a variety of applications. For additional information contact us at: