

## AFREN ENERGY RESOURCES LIMITED



### 8 1/2" MPM823

**Well:** EBOK-18

**Field:** EBOK

**Rig:** HIGH ISLAND 7

**Geology:** Sand and Shale sequence typical of Niger / Delta Geology

**Objective:** Drill out shoe track, continue build from 76° below the shoe, land the well at 90° inclination and drill entire section in one fast run.

**Results:** DDS Technology increases ROP while steering compared to competitors leading products.



### August 2011

Well	Bit	In	Out	Drilled	ROP	Driver	Inc. In	Inc. Out	Dull Grading
Ebok-18	MPM823 (RR1)	5090'	8233'	3133'	54.1	7" Baker Autotrack	76	90	2-1-BT-N-X-1-NO-TD
Ebok-17st1	MPM823	4825'	6790'	1965'	57.7	7" Baker Autotrak	76	90	1-1-WT-A-X-I-NO-TD
Ebok 12ST3	RSX616	4770'	6072'	1302'	42	7" Baker Autotrak	69	94	1-1-WT-A-X-I-NO-TD
Ebok 8st1	RSX616	3161'	4460'	1299'	49	7" Baker Autotrak	32	52	1-2-CT-A-X-I-WT-TD

**Baker Hughes** (comment made by Directional Drilling Personnel summarizing the performance of the bit):

*"VSS reading was mostly zero value meaning there were no vibrations at all during drilling".*

BIT DETAILS	
BIT TYPE	MPM823
S/N	S1B2853
BLADES	8
GAGE	3.5
CUTTERS SIZE	13 mm
CUTTERS TYPE	Meteor

*Torque Control Component feature*



The bit features High Spiral- a revolutionary technology that allows for excellent tool face control, increases stability without compromising cutting efficiency. In addition High Spiral designs provide smooth torque response for directional application.