



DAILY GEOLOGICAL REPORT

WELL: Shenandoah #1 **REPORT No.:** 6 **DAYS FROM SPUD:** 6 **DATE:** 06/08/07
PEL: EP 98 **00:00 DEPTH:** 78mKB **LAST 24hr DEPTH:** 78mKB **PROGRESS:** 0m
LOCATION: Beetaloo Basin **RIG:** Century Rig 7 **KB:** (Provisional) 232.8m **9 5/8" Csg:** m
GEOLOGIST: M. D. Berry **GL:** (Provisional) 227.0m **PTD:** 2,900m

NEARBY WELLS: Balmain #1

06:00 Depth/Operation: **78mKB** / Make up hammer bit and BHA in preparation for drilling remaining cement and new formation.

Operations 00:00 to 06:00: RIH to the second plug and rotary drill to 75m and POOH.

Previous 24 Hours Operations: Complete cement squeeze job on 20" casing. POOH and lay out drill pipe, lay out mouse hole and slip drill line. Carry out rig service and rebuild hammer while waiting on cement. Make up 17 1/2" bit, RIH and tag cement plug at 12.5m. Drill ahead to 23m and POOH to clean the bit.

Formation Tops	Actual Depths (m)			Prognosed Depths (m)			Diff Prog. H/L	Diff to Balmain H/L
	MDKB	TVD	TVDSS	MDKB	TVD	TVDSS		
Undifferentiated Tertiary	5.8	5.8	+227	5.8	5.8	+227	-	-
Jinduckin Formation	51.5	51.5	+181.3	54.8	54.8	+178	+3.3	+3.3
Tindall Limestone				83.8	83.8	+149		
Antrim Volcanics				265.3	265.3	-32.5		
Bukalara Sandstone				348.3	348.3	-115.5		
Hayfield Mudstone				406.3	406.3	-173.5		
Hayfield Sand				782.2	782.2	-549.4		
Jamison Sandstone				856.3	856.3	-623.5		
Kyalla Formation				940.8	940.8	-708		
Moroak Sandstone				1551.8	1551.8	-1319		
Velkerri Formation				1641.8	1641.8	-1409		
Bessie Creek Sandstone				2481.8	2481.8	-2249		
Total Depth				2900.0	2900.0	-2667.2		

Interval (m) ROP (min/m) Average ROP	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
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Formation:

Fluorescence		
Gas Flaring		



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