



DAILY GEOLOGICAL REPORT

WELL: Shenandoah #1 **REPORT No.:** 14 **DAYS FROM SPUD:** 14 **DATE:** 14/08/07
PEL: EP 98 **00:00 DEPTH:** 217mKB **LAST 24hr DEPTH:** 217mKB **PROGRESS:** 0m
LOCATION: Beetaloo Basin **RIG:** Century Rig 7 **KB:** (Final Survey) 232.55m **13 3/8" Csg:** m
GEOLOGIST: J Hulse **GL:** (Final Survey) 226.75m **PTD:** 2,900m

NEARBY WELLS: Balmain #1

06:00 Depth/Operation: 217mKB / Wait on water
Operations 00:00 to 06:00: Wait on water pumps and tanker
Previous 24 Hours Operations: RIH magnet to 68mKB, POOH lay out magnet. RIH 17 1/2" BHA Wash and ream to 68 – 89m, out of drilling fluid. POOH bit inside conductor. Prepare for mud drilling, wait on water. Changeover geologist (J Hulse) on site 2200hr.

Formation Tops	Actual Depths (m)			Prognosed Depths (m)			Diff to 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	84.2	84.2	+148.6	83.8	83.8	+149	-0.4	-0.4
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:

	No new formation	
Fluorescence		
Gas Flaring		

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Fluorescence		
Gas Flaring		