



DAILY GEOLOGICAL REPORT

WELL: Shenandoah #1 **REPORT No.:** 2 **DAYS FROM SPUD:** 2 **DATE:** 02/08/07
PEL: EP 98 **00:00 DEPTH:** 26m **LAST 24hr DEPTH:** 25m **PROGRESS:** 1m
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:** m

NEARBY WELLS: Balmain #1

06:00 Depth/Operation: 26mKB / Make up 17 1/2" rotary bit prior to drilling ahead in 17 1/2" hole.
Operations 00:00 to 06:00: Prepare to drill out in 17 1/2" hole.
Previous 24 Hours Operations: Drill 26" hole to 26m (20m below GL), install cellar jet and clean sub-base and cellar. Blow water out of hole, ream and check hole. POOH with 26" bit and lay down. RIH with 20" conductor, weld up and lower and centralize in hole. Rig service. Mix and pump cement. Clean up and wait on cement. Cut conductor and weld on 20" rotating head.

Formation Tops	Actual Depths (m)			Prognosed Depths (m)			Diff Prog. H/L	Diff to PV-2 H/L
	MDKB	TVD	TVDSS	MDKB	TVD	TVDSS		
Undifferentiated Tertiary	5.8	5.8	+227	5.8	5.8	+227	-	-
Jinduckin Formation				54.8	54.8	+178		
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		

Formation:

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Fluorescence	
Gas Flaring	