



## DAILY GEOLOGICAL REPORT

**WELL:** Shenandoah #1      **REPORT No.:** 25      **DAYS FROM SPUD:** 25      **DATE:** 25/08/07  
**PEL:** EP 98      **00:00 DEPTH:** 420mKB      **LAST 24hr DEPTH:** 420mKB      **24 hr Progress:** 0m  
**LOCATION:** Beetaloo Basin      **RIG:** Century Rig 7      **KB:** (Final Survey) 232.55m      **13 3/8" Csg:** 323.15m  
**GEOLOGIST:** J Hulse      **GL:** (Final Survey) 226.75m      **PTD:** 2,900m

**NEARBY WELLS:** Balmain #1 (Twin)

**06:00 Depth/Operation:** 420mKB / Pump AusGel LCM  
**Operations 00:00 to 06:00:** Drill cement, pump Hi-vis pill to clean hole  
**Previous 24 Hours Operations:** Pump cement plug #2, nil returns, pump LCM then cement plug #3, squeeze, drill cement to 350mKB

Formation Tops	Actual Depths (m)			Prognosed Depths (m)			Diff to Prog. H/L	Thickness (m)
	MDKB	TVD	TVDSS	MDKB	TVD	TVDSS		
Undifferentiated Tertiary	5.8	5.8	+227	5.8	5.8	+227	-	45.7
Jinduckin Formation	51.5	51.5	+181.3	54.8	54.8	+178	+3.3	32.7
Tindall Limestone	84.2	84.2	+148.6	83.8	83.8	+149	-0.4	178.8
Antrim Volcanics	263.0	263.0	-30.5	265.3	265.3	-32.5	-2.0	85.0
Bukalara Sandstone	348.0	348.0	-115.5	348.3	348.3	-115.5	0.0	58.0
Hayfield Mudstone	406.0	406.0	-173.5	406.3	406.3	-173.5	0.0	
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		

**Remarks:**

Interval (m) ROP (min/m)	Lithology Description	Gas/Background Breakdown C1/C2/C3/C4/C5
<b>Formation:</b>		
	<b>NO NEW FORMATION</b>	Nil
<b>Fluorescence</b>	Nil	
<b>Gas Flaring</b>	Nil	

**06:00 SUMMARY**

<b>Formation:</b>		
	<b>NO NEW FORMATION</b>	Nil
<b>Fluorescence</b>	Nil	
<b>Gas Flaring</b>	Nil	