



DAILY GEOLOGICAL REPORT

WELL: Shenandoah #1 **REPORT No.:** 11 **DAYS FROM SPUD:** 11 **DATE:** 11/08/07
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 **9 5/8" Csg:** m
GEOLOGIST: M. D. Berry **GL:** (Final Survey) 226.75m **PTD:** 2,900m

NEARBY WELLS: Balmain #1

06:00 Depth/Operation: 217mKB / Continue to work string in tight hole.

Operations 00:00 to 06:00: Continue to work string in tight hole.

Previous 24 Hours Operations: Work stuck pipe at 155m with 120k lb up and 40k lb downward force. Pump down a slug of 20bbls PAC R and continue to work tight hole. Rack back a stand of collars at 147m. Pump another slug and work stuck pipe. Displace hole with 207bbls and continue to work stuck pipe. Prepare 8" overshot, grapple and cross-over and clean up rig. Hold safety meeting. Break out lifting sub, 6" DC and make up Kelly to string. Fill hole with 356bbls water from the string and fill up the annulus with 20bbls from the trip tank. Continue to work the string with 100k lb up and 20k lb downward force. Continue to work string in tight hole.

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		



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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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