



DAILY GEOLOGICAL REPORT

DGR 08

Date:	23 November 2008	Licence / State:	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	Rig:	Seadrill: West Triton
Days From Spud:	8	RT - SEAFLOOR:	112.15 m
Current Hole Size:	311mm (12.25")	WATER DEPTH	78.0 m MSL
		RT:	34.15 m MSL
Depth @ 06:00 Hrs EST:	1412.0 m MDRT	PTD:	2133.0 m MDRT
	1412.0 m TVD RT	Spud Date:	15 November 2008
	-1378.0 m SS		
24 Hr Progress:	602m		
06:00 – 06:00 EST			
Current Operation:	DRILLING AHEAD 311MM HOLE IN THE UPPER EASTERN VIEW GROUP		
AFE Cost	(Drill)\$	(C&S)\$	Cost To Date:
		(P&A)\$	

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
1	914 mm (36")	218m	762mm (30")		X52	216m	
2	406mm (16")	810m	340mm(13.375")	68ppf	N80	804m	
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCI:	Cl -:	PV/YP:	Rmf
21:30	KCI PHPA Polymer	9.5	65	4.2	9.5		35k	19/32	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	3	Reed	PDC	RSX616M -A16	311mm (12.25")			
Last	2	Hughes	Rock	GXC1V	406mm (16")	21	592	1,1,NO,A,E,I,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
	MWD	1345.01	0.68	106.82	1345.0		
	MWD	1374.54	0.67	110.27	1374.5		
	MWD						

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	810-1408	Up to13bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled cement and shoetrack from 781m to 798m. Commenced displacing well to KCI/Polymer mud, whilst continuing drilling shoetrack and 3m of new formation to 813m. Circulated and conditioned mud to 8.8 ppg. Lined up and pressure tested surface lines to 2500 psi. Performed LOT. Formation broke down at 928 psi, EMW 15.55 ppg Drilled ahead 12.25" hole 813-1412m

Anticipated operations:

Drill ahead 12.25" hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Recent Carbonates					112.0	-78.0
Torquay Group					134.0	-100.0
Lower Torquay Group	1170	-1136	32m Low		1134.0	-1104.0
Demons Bluff Fm	1254	-1220	42m High		1296.0	-1262.0
Upper Eastern View Group	1328	-1294	41m High		1367.0	-1333.0
Middle Eastern View Group					1634.0	-1600.0
Total Depth					2134.0	-2100.0

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1408-1411m	Dull yellow gold mineral fluorescence only	0.2u

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
810-960 5.0-179m/hr 89m/hr avg	<p>Claystone with Interbedded Limestone CLAYSTONE: (30-90%) Medium grey to olive grey, moderately calcareous, slightly silty, common fine to medium calcareous sand, trace white calcite spar inclusions, trace carbonaceous material, soft, plastic, massive to amorphous. LIMESTONE: (10-70%) Biocalcarenite, pale yellow brown to light brown grey, fine to medium, micritic, common coralline fragments, common medium to coarse, white calcite, spar, brittle, hard in part, fair porosity, no fluorescence.</p>	0.27u BG 100
960-1015m 23-78m/hr 68m/hr avg	<p>Massive Claystone with minor Interbedded Limestone CLAYSTONE: (90%) Medium dark grey to olive grey, moderately to locally very calcareous grades to calcilutite in part, slightly silty, trace carbonaceous material, marly texture, soft, plastic, massive to amorphous. LIMESTONE: (10%) Biocalcarenite, light brown grey to pale yellow brown, fine to medium, coarse in part, micritic, coarse to very coarse calcite spar, common coralline fragments, brittle, moderately hard to hard in part, fair porosity, no fluorescence.</p>	0.5u BG 100

<p>1015-1170m 18-108m/hr 62m/hr avg</p>	<p>Massive Claystone with trace interbedded Limestone CLAYSTONE: (100%) medium grey to olive grey, minor medium dark grey, rare bluish grey, slightly to dominantly moderately calcareous, locally slightly silty, rare Foraminifera, rare carbonaceous material, trace micro pyrite, soft to locally firm, plastic in part, minor amorphous to dominantly sub blocky. LIMESTONE: (Tr) Calcarenite to Calcisiltite, white to very light grey, rarely dolomitic, common medium to coarse calcite spar, occasionally coralline fragments, brittle to hard in part, blocky, nil to poor porosity, no show.</p>	<p>1.5u BG 100:Tr</p>
<p>1170-1254m 21-79m/hr 63m/hr avg</p>	<p>Lower Torquay Group Interbedded Claystone, Siltstone, Sandstone with trace Limestone CLAYSTONE: (Tr-70%) olive grey to medium dark grey, non to very slightly calcareous, rare nodular pyrite, minor disseminated pyrite, soft to plastic in part, sub blocky to rarely blocky in part, commonly grading to Siltstone in part. SILTSTONE: (0-60%) brownish grey, very slightly carbonaceous, slightly arenaceous in part, slightly calcareous, soft, subblocky. SANDSTONE: (5-50%) transparent to translucent, common yellow brown staining, fine, very well sorted, angular to well rounded, dominantly subangular-subround, spherical, no visible cement, no visible matrix, common to abundant brown and black lithic grains, loose, good inferred porosity, no shows LIMESTONE: (0-10%) Calcisiltite, yellow brown, off white, trace to common Bryozoa, trace coralline, microcrystalline, brittle to hard, fair visible porosity in part, no show.</p>	<p>1.2u BG 100:Tr:Tr</p>
<p>1254-1328m 12-68m/hr 51m/hr avg</p>	<p>Demons Bluff Formation Massive Claystone with minor interbedded Siltstone CLAYSTONE: (90-100%) Medium dark grey to dark grey, light brownish grey, non to very slightly calcareous, trace pyritic, slightly silty in part, soft, plastic to minor subblocky in part, firm to moderately hard in part. SILTSTONE: (0-10%) Medium dark grey to dark grey, non to very slightly calcareous, trace pyritic, rare Foraminifera, argillaceous in part, grading to Claystone in part, soft to firm, rare to trace plastic, dominantly subblocky, trace blocky.</p>	<p>0.7u BG 100:Tr:Tr</p>
<p>1328-1390m 8-47m/hr 36m/hr avg</p>	<p>Upper Eastern View Coal Group Interbedded Sandstone and Claystone SANDSTONE: (30-70%) Light olive grey, transparent to translucent quartz grains, fine, very rare granules, dominantly well sorted, subangular to subround, spherical, weak calcareous cement, minor dolomitic cement, minor argillaceous and silty matrix, minor friable aggregates, dominantly loose, common shell fragments in part, trace nodular pyrite, fair inferred porosity, poor to fair visible porosity, no shows. CLAYSTONE: (30-70%) Brownish grey, non to very slightly calcareous, trace pyritic, trace Foraminifera, soft, amorphous</p>	<p>0.3u BG 100:Tr</p>
<p>1390-1412 6-36 m/hr 30 m/hr avg</p>	<p>Interbedded Sandstone and Claystone with minor Coal SANDSTONE: (60-70%) Quartzose, medium light to medium grey, very fine to fine, subangular, well sorted, weak calcareous cement, abundant, argillaceous matrix, trace lithic fragments, friable, very poor porosity, no fluorescence. CLAYSTONE: (30-40%) Brown grey to olive black, very silty, common very fine quartz sand, slightly micromicaceous, soft, slightly dispersive, massive. COAL: (0-10%) Black, subbituminous, dull lustre, earthy texture, firm, blocky.</p>	<p>0.2u BG 100:Tr</p>



REMARKS:

DGR 08 links to DDR 41

Schlumberger's SADN tool provided miscellaneous data between 1193m and 1221m possibly due to hole washout in Sandstone.

Drilling rate controlled to a maximum rate of penetration of 40m/hr from 1300m.

LWD Offsets from Bit:

Pressure: 3.4m
Res: 4.1m
GR: 4.1m
Survey: 11.5m
Sonic: 20.9m
Neutron 28.8m
Density: 26.8m
Caliper: 26.7m

Geologists: Hamish Little / Greg Clota