



## DAILY GEOLOGICAL REPORT

DGR 04

<b>Date:</b>	19 November 2008	<b>Licence / State:</b>	T/39P Tas
<b>Report Period:</b>	06:00 – 06:00 hrs EST	<b>Rig:</b>	Seadrill: West Triton
<b>Days From Spud:</b>	4	<b>RT - SEAFLOOR:</b>	112.15 m
<b>Current Hole Size:</b>	406mm (16")	<b>WATER DEPTH</b>	78.0 m MSL
		<b>RT:</b>	34.15 m MSL
<b>Depth @ 06:00 Hrs EST:</b>	614.0 m MDRT	<b>PTD:</b>	2133.0 m MDRT
	614.0 m TVD RT	<b>Spud Date:</b>	15 November 2008
	-579.9 m SS		
<b>24 Hr Progress:</b>	396m		
<b>06:00 – 06:00 EST</b>			
<b>Current Operation:</b>	Drilling ahead 406mm (16") hole		
<b>AFE Cost (Drill)\$</b>	<b>(C&amp;S)\$</b>	<b>Cost To Date:</b>	
	<b>(P&amp;A)\$</b>		

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

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
17:00	Pre hydrated bentonite mud	8.8	480		9.5			15/77	-
				-		-			-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	2	Hughes	Rock	GXC1V	406mm (16")			
Last	RR1	Reed	Rock	Y11C	660mm (26")	5	114	1,1,NO,A,E,1,NO,TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
1	MWD	264.95	1.45	150.86	264.92	3.35	150.86
2	MWD	294.47	1.15	140.54	294.43	4.02	150.1
3	MWD	323.97	1.05	150.84	323.93	4.58	149.53
4	MWD	413.38	0.47	198.6	413.33	5.65	152.53
5	MWD	502.18	0.22	197.44	502.13	6.03	156.17
6	MWD	591.8	0.37	228.07	591.75	6.26	159.73

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
Static hole	538m	90 bbls/hr	Estimated from top of surface casing at a connection

## OPERATIONS SUMMARY

### Previous 24 hrs Operations Summary at 06:00 hrs EST

Continued laying down 36" hole opener. Made up 406mm (16") BHA and ran in hole and tagged cement at 214m. Cement firm. Drilled 508mm (20") shoe and rat-hole to 218m and drilled ahead 406mm (16") hole

### Anticipated operations:

Drill ahead 406mm (16") hole to 340mm (13 3/8") casing point, CBU and POOH. R/U and run casing.



**FORMATION TOPS**

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
<i>Recent Carbonates</i>					118.0	80.0
<i>Torquay Group</i>					138.0	100.0
<i>Lower Torquay Group</i>					1138.0	1100.0
<i>Demons Bluff Fm</i>					1300.0	1262.0
<i>Upper Eastern View Group</i>					1371.0	1333.0
<i>Middle Eastern View Group</i>					1638.0	1600.0
<i>Total Depth</i>					2138.0	2100.0

**HYDROCARBON SHOW SUMMARY**

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
	Cuttings returned to seabed	

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

**GEOLOGICAL SUMMARY**

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
	Cuttings returned to sea bed	

**REMARKS:**

DGR 04 links to DDR 37

**LWD Offsets from Bit:**

Gamma Ray     5.12m  
Sonic            14.68m

**Geologists: Hamish Little / Greg Clota**