



DAILY GEOLOGICAL REPORT

DGR 11

Date:	26 November 2008	Licence / State:	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	Rig:	Seadrill: West Triton
Days From Spud:	11	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:	1915.0 m MDRT	PTD:	2133.0 m MDRT
	1915.0 m TVD RT	Spud Date:	15 November 2008
	-1880.9 m SS		
24 Hr Progress:	250m		
06:00 – 06:00 EST			
Current Operation:	DRILLING AHEAD 12 ¼" HOLE IN THE MID EVCM AT 20-30M/HR.		
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	15.5ppg
	311mm(12.25")						

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCI:	Cl -:	PV/YP:	Rmf
08:15	KCI PHPA Polymer	9.5	58	4.0	8.9	36900	37.5k	16/31	-
22:19	As above	9.5	56	4.0	9.5	37276	38.1	19/34	

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition
Present	4	Hughes	Rock MXL-C30HDX	311mm (12.25")	44.5	461	
Last	3	Reed	PDC RSX616M-A16	311mm (12.25")	30	644	8,8,RO,A,X,2,NR,PR

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
24	MWD	1640.51	0.45	28.44	1640.44	7.52	133.72
25	MWD	1729.59	0.55	18.42	1729.5	7.28	128.01
26	MWD	1788.72	0.69	29.31	1788.6	7.16	123.05
27	MWD	1818.45	0.58	33.65	1818.4	7.16	120.41

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1655- 1915m	Up to 26bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 311mm (12.25") hole from 1665 to 1915m

Anticipated operations:

Drill ahead 311mm (12.25") hole to 2134mTD

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
<i>Recent Carbonates</i>					112.0	-78.0
<i>Torquay Group</i>					134.0	-100.0
<i>Lower Torquay Group</i>	1170	-1136	+32m		1134.0	-1104.0
<i>Demons Bluff Fm</i>	1254	-1220	-42m		1296.0	-1262.0
<i>Upper Eastern View Group</i>	1328	-1294	-41m		1367.0	-1333.0
<i>Middle Eastern View Group</i>	1600	-1566	-34m		1634.0	-1600.0
<i>Total Depth</i>					2134.0	-2100.0

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1669-1699m	Sandstone: Up to 100% moderately bright pale yellow mineral fluorescence only, no cut, no stain.	0.3u
1711-1717m	Sandstone: 10-20% moderately bright pale yellow mineral fluorescence only, no cut, no stain.	0.3u
1723-1729m	Sandstone: 10% moderately bright pale yellow mineral fluorescence only, no cut, no stain.	0.3u
1729-1753m	Sandstone: 10% moderately bright pale yellow, bright orange mineral fluorescence only, no cut, no stain.	0.3u

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

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
1665-1730 2-40 m/hr 19 m/hr avg	<p>Massive Sandstone with interbedded Claystone and Coal</p> <p>SANDSTONE: (20-100%) Quartzose, clear to translucent, frosted, medium to predominantly coarse to very coarse, angular to subangular, poor sorting, locally strong dolocalcareous cement, trace siliceous cement, trace pyritic cement and nodular pyrite, trace muscovite, occasionally coaly fragments, common fractured very coarse/granular milky quartz float, locally kaolinitic inclusions, trace quartz overgrowths, hard aggregates, predominantly disaggregated, poor porosity, fluorescence – see hydrocarbon summary above.</p> <p>CLAYSTONE: (0-80%) Brown black to olive grey, slightly calcareous, silty in part, trace carbonaceous specks, slightly micromicaceous, firm, blocky to subfissile in part.</p> <p>COAL: (0-10%) Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile</p>	0.3u BG 100:Tr:Tr

<p>1730-1915 4-40.5 m/hr 27 m/hr avg</p>	<p>Cyclic succession of Sandstone, Claystone and Coal SANDSTONE: (20-100%) Quartzose, clear to translucent, frosted, light brown grey in part, medium to coarse, angular to subrounded, poor to moderate sorting, weak calcareous cement in part, predominantly clean, trace nodular pyrite, trace carbonaceous fragments, disaggregated, fair to good porosity, no fluorescence. CLAYSTONE: (0-50%) Brown grey to olive grey, very silty grades to argillaceous siltstone in part, arenaceous in part, slightly calcareous, micromicaceous, trace lithic fragments, occasionally carbonaceous specks, soft, occasionally firm, massive to blocky. COAL: (0-80%) Black to grey black in part, bituminous, subvitreous lustre, argillaceous in part, occasionally resin inclusions, platy to subconchoidal fracture, subvitreous to occasionally vitreous lustre, brittle, blocky to subfissile in part.</p>	<p>0.36u BG Peak 11.2u @1909m 87/8/3/1/1</p>
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REMARKS:

DGR 11 links to DDR 44

1680m - Carbide check at the possum belly - OK.

1887m – Carbide check through the system indicates open hole to be 345mm (13.58”) average diameter.

Shallow button resistivity data unreliable from 1680m and deep button resistivity from 1715m. Possibly due to excessive stick slip in string.

LWD Offsets from Bit:

Run# 3

GR: 2.81
RBit: 1.11
RRing: 3.07
Survey: 9.94
Sonic: 18.83
Neutron: 27.1
Density: 25.2

Geologists: Hamish Little / Greg Clota