



DAILY GEOLOGICAL REPORT

DGR 10

Date:	25 November 2008	Licence / State:	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	Rig:	Seadrill: West Triton
Days From Spud:	10	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:	1665.0 m MDRT	PTD:	2133.0 m MDRT
	1665.0 m TVD RT	Spud Date:	15 November 2008
	-1430.9 m SS		
24 Hr Progress:	211m		
06:00 – 06:00 EST			
Current Operation:	DRILLING 311mm (12.25") HOLE IN THE MID EVC.		
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
16:30	KCI PHPA Polymer	9.5	60	4.0	8.9	38809	36.5k	18/30	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	4	Hughes	Rock	MXL-C30HDX	311mm (12.25")	20.5	211xx	
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)
22	MWD	1492.77	0.31	331.27	1492.71	8.15	138.32
23	MWD	1552.04	0.35	350.47	1551.98	7.84	137.35
24	MWD	1640.51	0.45	28.44	1640.44	7.52	133.72

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1454-1665m	Up to 35bbls/hr	Losses over shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

RIH with 5.5" drill pipe from 174m to 1424m. Broke circulation at shoe. Washed / reamed from 1424m to 1453m Tagged bottom at 1454m and established drilling parameters. Drilled ahead 311mm (12.25") hole from 1454-to 1665m adjusting drilling parameters to optimize ROP and avoid shock loads on MWD tools. Dominantly Sandstone with thin beds of Claystone/Coal

Anticipated operations:

Drill ahead 311mm (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		1134.0	-1104.0
Demons Bluff Fm	1254	-1220	-42m		1296.0	-1262.0
Upper Eastern View Group	1328	-1294	-41m		1367.0	-1333.0
Middle Eastern View Group	1600	-1566	-34m		1634.0	-1600.0
Total Depth					2134.0	-2100.0

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
1454-1456	Sandstone: 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.	0.3u BG
1459-1480	Sandstone: 20-100% (decreasing with depth) moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.	0.4u BG
1615-1624	Sandstone: Tr moderately bright yellow direct fluorescence, very slow dull yellow white streaming cut fluorescence, no staining.	0.4u BG
1634-1639	Sandstone: 5% dull yellow direct pin point fluorescence, diffuse milky cut fluorescence, no stain.	0.4u BG
1639-1654	Sandstone: 80% decreasing with depth: moderately bright yellow pin point direct fluorescence, diffuse milky cut fluorescence, no staining	0.3u BG

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas	1454	3.5	0.2	100 Tr Tr
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
1454-1600 0.3-124 m/hr 31 m/hr avg	<p>Massive Sandstone with interbedded Claystone and Coal</p> <p>SANDSTONE: (40-100%) Quartzose, clear to translucent, frosted, light grey, medium to very coarse, angular to subrounded, poor sorting, locally strong dolocalcareous cement, occassionally sideritic cement, common smoky/milky quartz, trace nodular pyrite, occ quartz overgrowths, hard aggregates in part, disaggregated in part, poor to predominantly fair to good porosity, 1454-56m & 1559-80m Up to 100% moderately bright pale yellow gold mineral fluorescence only, no cut, no stain.</p> <p>CLAYSTONE: (0-60%) Dark grey to dusky blue, slightly calcareous, locally silty, slightly micromicaceous, trace fossil fragments, trace calcite infill, smooth texture in part, plastic to firm, blocky to subfissile.</p> <p>COAL: (0-80%) Black to grey, subbituminous, dull to subvitreous lustre, slightly argillaceous in part, brittle, blocky, subfissile in part.</p>	0.4u BG 100: Tr:Tr



1600-1665 5-39 m/hr 24m/hr avg	Mid Eastern View Coal Group Massive Sandstone with interbedded Coal and Claystone SANDSTONE: (40-100%) Quartzose, clear to translucent, frosted, coarse to very coarse, angular to subround, moderately sorted, clean, trace pyrite cement in part, occasionally quartz overgrowths, trace smoky quartz, disaggregated, good porosity, fluorescence – see hydrocarbon summary above. CLAYSTONE: (0-40%) Dark grey to olive black, slightly calcareous in part, occasionally slightly silty, trace carbonaceous specks, slightly micromicaceous, soft to firm, massive to subfissile in part. COAL: (0-20%) Black, bituminous, subvitreous to vitreous lustre, subconchoidal fracture, brittle, blocky to occasionally fissile	0.3u BG 100:Tr:Tr
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REMARKS:

DGR 10 links to DDR 43

Good data signal from MWD tools. Only sporadic level one shocks to tools.
Carbide @ 1532m est 9.8% overgauge.

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