



DAILY GEOLOGICAL REPORT

DGR 13

Date:	28 November 2008	Licence / State:	T/39P Tas
Report Period:	06:00 – 06:00 hrs EST	Rig:	Seadrill: West Triton
Days From Spud:	13	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:	2183.0 m MDRT	PTD:	2134.0 m MDRT
	2183.0 m TVD RT	Spud Date:	15 November 2008
	-2148.9 m SS		
24 Hr Progress:	93m		
06:00 – 06:00 EST			
Current Operation:	Laying out BHA		
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
08:30	KCI PHPA Polymer	9.5	54	4.0	9.0	38285	42.5k	18/34	-
16:15	As above	9.5	58	4.0	9.5	38400	42.5k	19/34	-

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition
Present	4	Hughes	Rock MXL-C30HDX	311mm (12.25")	64.2	729	4,6,BT,A,E,I,CT,TD
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)
30	MWD	2084.02	0.81	6.88	2083.92	7.26	94.84
31	MWD	2142.80	1.07	57.33	2142.70	7.74	89.28
32	MWD	2172.21	1.00	61.57	2172.10	8.20	87.44

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks
	1915-2089	Up to 24bbl/hr	Losses at shakers

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Drilled ahead 311mm (12.25") hole from 2090 to 2183m, section TD. TD reached at 17:35 hours 27/11. CBU, POH, rack back BHA and lay out and downloaded LWD tools. Lay out BHA

Anticipated operations:

Continue laying out BHA while LWD logs are processed. Evaluate LWD logs for contingent wireline logs prior to RIH with mule shoe for P&A.

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	2183	-2149	+49m		2134.0	-2100.0

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
2128-2134m	Trace dull orange mineral fluorescence only, no cut, no stain.	0.5 units

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

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
2090-2104m 3-9 m/hr 7 m/hr avg	Igneous Intrusive DOLERITE: (100%) Dark greenish grey to olive grey, stained, coarse crystalline, welded grain boundaries, very fine groundmass in part, crystal assemblage includes, plagioclase, quartz, hornblend and olivine, hard, blocky.	0.5u BG 87/7/5/1
2104-2183m 5-40 m/hr 17 m/hr avg	Massive Claystone with interbedded/interlaminated Coal and Sandstone SANDSTONE: (0-80%) Quartzose, clear, translucent, frosted, medium dark grey to olive grey, very fine to fine, becomes medium to very coarse with depth, subangular to subround, well sorted, becomes moderately sorted with depth, weak calcareous cement, silty/argillaceous matrix in part, trace muscovite, common medium quartz float, trace lithic fragments trace nodular pyrite, friable to disaggregated, very poor porosity. See show summary above. CLAYSTONE (20-100%) Medium dark grey to dark green grey, brown grey in part, occasionally slightly calcareous, slightly silty, micromicaceous, trace carbonaceous specks, soft to firm in part, massive to blocky. COAL (0-20%) Black, bituminous, vitreous lustre, subconchoidal to uneven fracture, brittle to hard in part, blocky.	0.5u BG 87/7/5/1



REMARKS:

DGR 13 links to DDR 46
SADN stopped recording at 2188m 08:00hrs 27/22. Battery life expended.

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