



DAILY GEOLOGICAL REPORT

DGR 7

Date:	20 December 2008	Licence / State:	VIC/P46
Report Period:	06:00 – 06:00 hrs AEDT	Rig:	Seadrill: West Triton
Days From Spud:	6	RT - SEAFLOOR:	76.7m
Current Hole Size:	444mm (17.5")	WATER DEPTH	38.7 m MSL
		RT:	38.0 m MSL
Depth @ 06:00 Hrs EST:	1027m MDRT	PTD:	4000.0 m MDRT
	1027m TVDRT	Spud Date:	14 December 2008
	-989m SS		
24 Hr Progress:	28m		
06:00 – 06:00 EST			
Current Operation:	POH 311mm (12.25") drillout/junk run assembly		
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")	119m	762mm (30")		X52	116m	
2	444mm (17.5")	999m	340mm(13.375")	68lb/ft	NT80HE	987m	14.9ppg EMW

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
20:45	KCl Polymer	9.4	177	5.8	10.5	9.0%	42k	17/25	-

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition
Present	3	Hughes	Rock GT-1	311 (12.25")	2	28	
Last	2	Hughes	Rock MXL-T00	444mm (17.5")	21	880	2 2 LT G E I LN TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
28	MWD	990.9	2.28	226.4	990.77	4.98	228.55

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs AEDT

Continued to pick up drillpipe whilst RIH. Drilled out float collar, shoe track and 340mm (13.375") casing shoe from 974-987m. Displaced to KCl Polymer mud from 984m. Cleaned rat hole from 987-999m. Worked junk basket. Drilled 3m new formation to 1002m. Circulated hole clean and worked junk basket. Performed FIT with 9.3ppg mud - 960psi (15.0ppg EMW). Drilled ahead 311mm (12.25") hole 1002-1027m. Worked junk basket. POH.

Anticipated operations:

Make up new 311mm (12.25") drilling assembly. RIH. Drill ahead.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Offset	(MDmRT)	(mSS)
Heytesbury Group	76.7	-38.7	0m		76.7	-38.7
Nirranda Group	492	-454	49m Low		443.0	-405.0
Dilwyn Formation	576	-538	38m Low		538.0	-500.0
Pember Mudstone	963	-925	15m Low		948.0	-910.0
Pebble Point Formation					1028.0	-990.0
Timboon Sandstone					1048.0	-1010.0
Paarratte Formation					1223.0	-1185.0
Skull Creek Mudstone					1703.0	-1665.0
Nullawarre Greensand					1823.0	-1785.0
Belfast C & B Mudstone					1878.0	-1840.0
Belfast A Mudstone					2163.0	-2125.0
Flaxman Formation					2938.0	-2900.0
Waarre Formation Unit C					3228.0	-3190.0
Waarre Formation Unit B					3533.0	-3495.0
Waarre Formation Unit A					3588.0	-3550.0
Eumeralla Formation					3988.0	-3950.0
Total Depth					4000.0	-3962.0

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS
999-1027m	LIMESTONE: Dull yellow green mineral fluorescence only. No cut no residue.	0.025u

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

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
999-1027m 2.9-69.2m/hr 35.5m/h avg	<p>Sandstone with interbedded Siltstone</p> <p>SANDSTONE: (80-85%) Quartzose, clear to translucent to light grey (smokey quartz), frosted, with minor yellow-white milky quartz and trace to moderately abundant muscovite (up to ~2%), fine to granular, subangular to subrounded, poorly sorted (bimodal), trace pyrite cement on grain boundaries, trace microcrystalline pyrite granules, disaggregated with minor pyrite-cemented fine to medium sandstone aggregates, no fluorescence.</p> <p>SILTSTONE: (15-20%) Dark olive-grey to dusky brown to light grey, moderately calcareous, commonly pyritic, common lithic fragments, soft to very hard, blocky to subfissile.</p> <p>LIMESTONE: (Tr) Echinoderm/coralline fragments and amorphous limestone, dull yellow green mineral fluorescence only, no cut, no residue.</p>	0.025U BG 100



REMARKS:

DGR 7 links to DDR 10

Pieces of ground bit nozzle recovered form Junk Basket.

LWD Offsets from Bit:

Run 2: TBA

Geologists: Roman Leslie / Greg Clota