Date:	6 January 2009	**Licence / State:**	VIC/P46
Report Period:	06:00 – 06:00 hrs AEDT	**Rig:**	Seadrill: West Triton
Days From Spud:	23	**RT - SEAFLOOR:**	76.7m
Current Hole Size:	216mm (8.5")	**WATER DEPTH**	38.7 m MSL
		RT:	38.0 m MSL
Depth @ 06:00 Hrs EST:	3450m MDRT 3446.3m TVDRT -3408.3 SS	**PTD:** **Spud Date:**	4000.0 m MDRT 14 December 2008
24 Hr Progress: **06:00 – 06:00 EST**	380m		
Current Operation:	**Drilling 216mm (8.5") hole**		
AFE Cost (Drill)$	**(Coal&S)$** **(P&A)$**		**Cost To Date:**

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT/FIT
1	914 mm (36")	119m	762mm (30")		X52	116m	
2	444mm (17.5")	999m	340mm(13.375")	68lb/ft	NT80HE	987m	- / 15.0ppg EMW
3	311mm(12.25")	2807	244mm(9.675")	53.5lb/ft	P110	2800.3m	- / 16.0ppg EMW

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf
22:30	KCl Polymer	10.6	54	5.8	9.0	6.8%	41k	16/36	-

Bit Data	No.	Make	Type		Size	Hours	Meters	Condition
Present	6	Security	PDC	SE3653Z	216mm (8.5")	38	643	
Last	5	Reed	PDC	RSX616M-A10	311mm (12.25")	19.3	410.5	1 1 LT G X I BU TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
95	MWD	3347.40	4.21	152.14	3343.95	74.78	200.25
96	MWD	3376.97	4.39	156.43	3373.43	76.34	199.05
97	MWD	3406.76	4.66	160.93	3403.13	78.14	197.94

Fluid Loss	Interval MDRT	Total or Rate (bbl)	Remarks

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs AEDT

Drilled 216mm (8.5") hole 3070-3450m.

Anticipated operations:

Drill ahead 216mm (8.5") hole.

FORMATION TOPS

FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(MDmRT)	(mSS)	Prognosis	Normanby-1	(MDmRT)	(mSS)
Heytesbury Group	*76.7*	*-38.7*	*0m*	*10 High*	*76.7*	*-38.7*
Nirranda Group	*492*	*-454*	*49m Low*	*145 High*	*443.0*	*-405.0*
Dilwyn Formation	*576*	*-538*	*38m Low*	*152 High*	*538.0*	*-500.0*
Pember Mudstone	*963*	*-925*	*15m Low*	*255 High*	*948.0*	*-910.0*
Pebble Point Formation	*1075*	*-1037*	*47m Low*	*227 High*	*1028.0*	*-990.0*
Timboon Sandstone	*1092*	*-1054*	*44m Low*	*236 High*	*1048.0*	*-1010.0*
Paarratte Formation	*1245*	*-1207*	*22m Low*	*251 High*	*1223.0*	*-1185.0*
Skull Creek Mudstone	*1705*	*-1666*	*1m Low*	*258 High*	*1703.0*	*-1665.0*
Nullawarre Greensand	*1850*	*-1811*	*26m Low*	*232 High*	*1823.0*	*-1785.0*
Belfast C & B Mudstone	*1905*	*-1866*	*26m Low*	*232 High*	*1878.0*	*-1840.0*
Belfast A Mudstone	*2160*	*-2120*	*5m High*	*253 High*	*2163.0*	*-2125.0*
Flaxman Formation	*2873*	*-2832*	*68m High*	*363m Low*	*2938.0*	*-2900.0*
Waarre Formation Unit C	*3186*	*-3145*	*45m High*	*385m Low*	*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
3060-3065m	Sandstone: Trace dull yellow green patchy fluorescence, very weak slow diffuse milky cut, no residue.	117u Max/12u BG
3065-3282	Trace yellow-orange mineral direct fluorescence; no cut	12u BG
3282-3345	Trace yellow-orange mineral direct fluorescence; no cut	16u BG
3345-3415	Trace yellow-orange mineral direct fluorescence; no cut	17U BG

GAS	MD (m)	Peak	Background	Chromatograph
Drilled Gas	3062	117u	12u	94:3:2:1:Tr
	3350	78u	18u	92:3:3:Tr:1
	3406	94u	32u	94:3:2:0:0
	3414	118u	32u	93:3:3:0:0
Trip Gas				
Connection Gas				

GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition %
3060-3070 5-30m/hr 15m/hr avg	**Massive Sandstone with minor interbedded Siltstone** SANDSTONE: (70-80%) Quartzose, grey brown, dark yellow brown, very fine to fine, subangular to subround, well sorted, strong dolocalcareous cement, moderately strong siliceous cement in part, trace carbonaceous materiel, rare glauconite, moderately hard, very poor porosity. Fluorescence: (3060-3065m) Trace dull yellow green patchy fluorescence, very weak slow diffuse milky cut, no residue. SILTSTONE: (20-30%) Olive black to brown black, very argillaceous grades to silty claystone, micromicaceous, common light grey arenaceous inclusions, trace lithic fragments, trace carbonaceous material, moderately hard, blocky.	12u BG 95:3:2:Tr Peak @ 3062 117u 94:3:2:1:Tr

3070-3186 10-36m/hr 23m/hr avg	**Siltstone with interlaminated Sandstone and minor Limestone** SANDSTONE: (0-20%) Quartzose, medium grey, very fine to fine, subangular to subround, well sorted, moderately strong siliceous cement, weak calcareous cement in part, locally common argillaceous/silty matrix, trace biotite, trace lithic fragments, firm to moderately hard, very poor to nil porosity, no fluorescence. LIMESTONE: (0-10%) Calcarenite to Calcisiltite, dark yellow brown, fine to silty, micritic, locally cryptocrystalline, slightly dolomitic, trace coralline fragments, trace carbonaceous material, hard, brittle, no porosity, dull orange mineral fluorescence only. SILTSTONE: (80-100%) Olive black to brown black, very argillaceous grades to silty claystone, micromicaceous, locally light grey very fine grained arenaceous inclusions, trace lithic fragments, trace carbonaceous material, trace to locally common white vein calcite below 3140m, moderately hard, blocky.	8u BG 92:4:3:1
3186-3280 9.0-25.3 m/hr 19.2 m/hr avg	**Waarre Formation Unit Cb** **Massive Siltstone with interlaminated Sandstone** SANDSTONE: (0-15%) Lithic Arenite, medium grey to olive grey, very fine to fine, silty in part grades to arenaceous siltstone in part, subangular, well sorted, weak calcareous cement, silty/argillaceous matrix, trace biotite, friable, very poor porosity, no fluorescence. SILTSTONE: (85-100%) Dark grey to olive grey, locally very argillaceous grades to silty claystone in part, common very fine grained arenaceous inclusions, trace carbonaceous flecks, trace disseminated pyrite, micromicaceous, slightly chloritic in part, locally arenaceous inclusions, firm, massive to blocky.	10u BG 92:3:4:0:1
3280-3345 12.5-27.6 m/hr 19.1 m/hr avg	**Waarre Formation Unit Ca** **Thinly interbedded Siltstone and Sandstone** SANDSTONE: (15-50%) Sandstone: Quartz-litharenite, quartz 60-70%/lithics 30-40%; medium grey to olive grey, range very fine to medium, predominantly very fine to fine grained, silty in part, subangular, poorly sorted, slight to moderate calcareous cement, silty/argillaceous matrix, trace biotite, friable to moderately hard, very poor porosity, no fluorescence SILTSTONE: (50-85%) Dark grey to olive grey, locally very argillaceous grades to silty claystone in part, common very fine grained arenaceous inclusions, trace carbonaceous flecks, trace disseminated pyrite, micromicaceous, slightly chloritic in part, locally arenaceous inclusions, firm, massive to blocky.	16u BG 91:4:4:0:1
3345-3450 8-38m/hr 23m/hr avg	**Thick interbedded Siltstone and Sandstone** SANDSTONE: (15-80%) Sandstone: Quartz-litharenite, quartz 60-70%/lithics 30-40%; white and pale grey to medium grey to olive grey, range from very fine to coarse, predominantly very fine to fine grained, subangular to well rounded, moderately sorted, slight to moderate calcareous cement, argillaceous matrix, trace biotite, friable to moderately hard, very poor porosity, nil to 10% very dull yellow-green direct fluorescence (mineral), no cut SILTSTONE: (20-85%) Dark grey to olive grey, locally very argillaceous grades to silty claystone in part, common very fine grained arenaceous inclusions, trace carbonaceous flecks, trace disseminated pyrite, micromicaceous, slightly chloritic in part, locally arenaceous inclusions, firm, massive to blocky.	17u BG 92:4:3:0:1 Peak @ 3350.2 78 u 92:3:3:tr:1 Peak @ 3414 118u 93:3:3:0:0

REMARKS:

DGR 24 links to DDR 27.

Low Gas readings 3150-3188m whilst repairing gas trap agitator.

Waarre Ca picked at 3280mRT -3276mSS (37m High to Prognosis)

LWD Offsets from Bit:

Additional mud parameters:

Rm 0.1141 @ 23.7C
Rmf 0.0884 @ 23.4C
Rmc 0.1356 @ 23.7C

Barite – 4.2% (62.42lb/bbl)

Run 4:

GR:	4.58m
Res:	4.53m
ECD:	3.82m
Survey:	12.62m
Sonic:	21.97m
Neutron:	29.27m
Density:	28.40m
Caliper:	27.93m

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