



Daily Geology Report

Well Name:		East Wing-1
Report No:	6	For date: 1-May-08
Days:	6	Midnight depth: 886
24 hr progress:		281
0600 depth update:		963
06:00 operation & 24 program:	Drilling ahead at 963 m in the Pember Mudstone. Planned operation is to drill ahead.	
Highlights and Fm tops:	Top Dilwyn Formation (Burrungule Member) at 700m on prognosis, top Pember Mdst 950	

Interval Descriptions

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
605	700	95	9 - 53 (29)	nil	CALCAREOUS SILTSTONE (40 - 100%): Brownish gy, soft to firm, amorph to blocky, comm dk gy gn glauc pelloids, occ fossil frags gt CALCAREOUS CLAYSTONE (0 - 60%). SANDSTONE (0 - 60%): 1. Gn gy, yell gy, yell orange, quartz grains translucent with yell orange limonite? stain ip, also rnd claystone intraclasts or pelloids?, f-m, sa, poorly sorted, in abund white calcite matrix, soft to very firm. 2. loose, c-vc quartz grains, translucent with orange brown limonite stain, sr-r. Comm fossil frags.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
700	780	80	5 - 39 (21)	nil	SILTSTONE (0-80%): 1. Brn gy, dk brn gy, soft to firm, sandy ip, calc with fine fossil frags, rare glauc pelloids and 2. Gn gy, firm, blocky, non-calc, sandy (vfn) ip. CLAYSTONE (0 - 100%): Pred 1. Brn gy, lt brn gy, predom soft, disp, silty, calc. Minor 2. Lt gy, lt gn gy, generally non-calc and 3. white, orange brn, soft, disp, sandy (vf). SANDSTONE (0-70%): Disagg quartz sand, clear, transl, to white and opaque, orange brown limonite stain ip, m-vc, generally sr-r. Trace fossil frags and coalified wood.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
780	860	80	8 - 48 (26)	nil	SANDSTONE (30 - 100%): Predom 1. disagg quartz grains, clear and translucent to opaque, m-vc, sr-r. Minor 2. aggregates, f-m quartz sand with abundant brownish grey clay matrix and siliceous cement, poorly sorted, firm to hard. SILTSTONE (0-70%): brownish grey, generally soft, amorphous when wet, dispersive ip, sandy (vf - c quartz grains) ip, calcareous ip, glauconitic pelloids ip, grading to SILTY CLAYSTONE (0-100%).
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
860	886	26	6 - 47 (28)	nil	** A lot of clay washing out of sample ** CLAYSTONE (50-70%): brownish grey, amorphous, very dispersive, silty to sandy (vfn) ip. SANDSTONE (30-50%): disagg quartz grains, clear translucent to opaque, rare orange and grey chert frags, c-vc, sr-rd Rare fossil frags.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

Comments, or other evaluation reports

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