



Daily Geology Report

Well Name:		Pritchard 1	
Report No:	8	For date:	3-Apr-06
Days:	8	Midnight depth:	1158
24 hr progress:			109
0600 depth update:			1158
06:00 operation & 24 program: At 06:00 Pritchard-1 was running a new bit into the hole at 1158 m in the Pember Mudstone. In the next 24 hrs the hole will be drilled toward the first target the Pebble Point Formation.			
Highlights and Fm tops:			

Interval Descriptions

From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows
min-max(av)					
1049	1075	26	7 - 14 (10)	0-70 (50)	SILTY CLAYSTONE: medium to dark greyish brown, occasionally very dark grey & very dark brown, soft amorphous to firm subfissile when slightly calcareous, trace to common loose well rounded quartz grains occurring as laminae, occasional pyrite aggregates. Rare laminae of SANDSTONE: light brown, very fine grained, and SILTSTONE: light grey, sucrosic, calcareous.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
100%					

From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows
min-max(av)					
1075	1105	30	6 - 11 (9)	20-60 (40)	SILTY CLAYSTONE: dark grey to moderate greyish brown. Soft dispersive to firm fissile, slightly calcareous in part, trace pyrite, trace marine fossils, foramenifera and bryozoan fragments, occasional sandy laminations as for previous interval. Rare very thin laminae of TUFF: white to very light grey, soapy texture.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
100%					

From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows
min-max(av)					
1105	1158	53	1-10 (4)	20-120 (40)	Interbedded SILTY CLAYSTONE and minor SANDSTONE. SILTY CLAYSTONE: as for previous interval predominantly soft, dispersive, trace carbonaceous material grading to coal. SANDSTONE: brown, very fine to fine grained occasionally medium, silty clay matrix, poorly sorted but occasionally very well sorted sucrosic calcareous. Reddish oxidation at 1113 m.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	Dense calcareous cementation in poorly sorted sandstone at 1141 m. NB poor ROP after 1141 m, bit was pulled at 1158 and teeth found to be worn out.
100%					

From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows
min-max(av)					
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

Comments, or other evaluation reports