



Daily Geology Report

Well Name:		Pritchard 1	
Report No:	7	For date:	2-Apr-06
Days:	7	Midnight depth:	1049
24 hr progress:			213
0600 depth update:			1098
06:00 operation & 24 program:	At 06:00 Pritchard-1 was drilling ahead 8 1/2" hole at 1098 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:	The Pember Mudstone at 945 m, was 9 m higher than the equivalent point in the adjacent well Henke-1. An intra-Pember sandstone was 6 m higher than in Henke-1. There were no shows.		

Interval Descriptions

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
836	941	105	10 - 60 (25)	0	SANDSTONE: clear to light grey & light brown, fine to very coarse, predominantly medium, moderately sorted, angular to subrounded, fractured grains, dense silica cement, trace carbonaceous matrix and carbonaceous inclusions in cement, visible porosity ?fair
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
					Below 860 m sandstone becomes more well sorted, and clay matrix becomes dominant over silica cement. SILTSTONE: mottled, grey, brown, very carbonaceous in part, micaceous

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
941	1008	67	4 - 15 (10)	0	SILTY CLAYSTONE: dark grey to moderate greyish brown. Soft, dispersive in mud, slightly calcareous in part, trace pyrite. Minor SILTSTONE: light grey sucrosic, fine quartz silt.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
					Minor SANDSTONE at base of interval: light yellowish grey, lithic, dolomitic cement, soft clay matrix in part.

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
1008	1049	41	10 - 55 (30)	0	SANDSTONE: very light brown, medium to occasionally very coarse, well sorted, angular to subrounded, occasionally well rounded, quartzose, clean, loose, slight trace clay matrix in part, trace mica, trace to common lithic grains of silicified siltstone, visible porosity fair to very good from 1010 m, no shows.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
					Interbedded with minor SILTY CLAYSTONE below 1025 m: light brown to dark grey, soft. NB circulated sample at 1012 m.

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

Comments, or other evaluation reports