



## Daily Geology Report

Well Name:					<b>Pritchard 1</b>				
Report No: <b>16</b>		For date:		11-Apr-06					
Days: <b>16</b>		Midnight depth:		2505					
24 hr progress:					109				
0600 depth update:					2537				
06:00 operation & At 06:00 Pritchard-1 was drilling ahead at 2537m in the Lower Sherbrook Gp. Av rate of 24 program: progress 7 m/hr, background gas of 200ppm C1, 25ppm C2.									
06:00 Highlights and Fm tops:									
<b>Interval Descriptions</b>									
From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows				
			min-max(av)						
<b>2396</b>	<b>2424</b>	<b>28</b>	<b>7 - 30 (15)</b>	<b>150 - 480 (300)</b>	SANDSTONE: white, predominantly disaggregated, medium grained becoming fine with depth, well sorted, common fractured grains, originally rounded, quartzose, trace black and greenish grey lithics, trace quartzite, occasional aggregates with firm silica cement, variable white clay matrix adhering to loose grains, visual porosity poor to fair. No shows. Interbedded with minor				
Average Gas Analysis PPM									
C1	C2	C3	i+nC4	C5	SILTSTONE: medium dark grey, greyish black, brownish grey firm to hard, grades to very fine silty sandstone.				
<b>99%</b>	<b>trace</b>	<b>trace</b>	<b>nil</b>	<b>nil</b>					
From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows				
			min-max(av)						
<b>2424</b>	<b>2470</b>	<b>46</b>	<b>5 - 20 (8)</b>	<b>400 - 2700 (600)</b>	SILTSTONE grading to SILTY CLAYSTONE, dark grey, brownish grey to brownish black, firm to hard, blocky to platy, rare stringers of very fine white quartzose sandstone. Possible fault or fracture intersection at 2452 m.				
Average Gas Analysis PPM									
C1	C2	C3	i+nC4	C5	Interbedded at top of interval with minor SANDSTONE as per previous interval				
<b>98%</b>	<b>2%</b>	<b>nil</b>	<b>nil</b>	<b>nil</b>					
From	To	Thick ness	ROP m/hr	GAS PPM	Description and shows				
			min-max(av)						
<b>2470</b>	<b>2505</b>	<b>35</b>	<b>5 - 18 (10)</b>	<b>150 - 550 (500)</b>	Interbedded SANDSTONE and SILTSTONE. SANDSTONE: disaggregated, white, predominantly medium grained, moderately sorted, subrounded, becoming finer grained with depth with fine grained aggregates well sorted, quartzose, firm with clay matrix and calcareous cement, visual porosity fair to poor at base of interval. No shows.				
Average Gas Analysis PPM									
C1	C2	C3	i+nC4	C5	SILTSTONE: brownish grey, greyish black, brownish black, with occasional glauconite pellets, finely dispersed carbonaceous material, hard, grades to SILTY CLAYSTONE: firm subfissile. Rare trace DOLOMITE as hard stringers				
<b>98%</b>	<b>2%</b>	<b>nil</b>	<b>nil</b>						
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									
<p>Circulated sample at 2452 from drilling break. No sand in sample, ?small fault or fracture. NB2 Rig TD reached at 07:00.12/04/2006.</p>									