



## Daily Geology Report

Well Name:		<b>Pritchard 1</b>	
Report No:	<b>12</b>	For date:	7-Apr-06
Days:	<b>12</b>	Midnight depth:	1874
24 hr progress:			274
0600 depth update:			1972
06:00 operation & 24 program: At 06:00 Pritchard-1 was drilling ahead at 1972 in the lower Paarratte Fm. Plan is to drill ahead and intersect top Nullawarre Fm.			
06:00 Highlights and Fm tops:			

### Interval Descriptions

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
<b>1600</b>	<b>1685</b>	<b>85</b>	<b>10 - 25 (15)</b>	<b>10 - 25 (20)</b>	Interbedded SILTY CLAYSTONE and SANDSTONE with minor SILTSTONE. SANDSTONE: light grey, very fine to fine grained, poorly sorted, becoming finer and more well sorted with depth, silty matrix increasing with depth, minor silica and pyrite cements, trace to common grey lithic grains rare trace glauconite. Visual porosity nil to poor. no shows.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	SILTY CLAYSTONE: medium to dark grey and greyish brown, blocky to subfissile, carbonaceous specks and laminae, commonly with fine laminae of SILTSTONE: white quartzose, sucrosic.
<b>100%</b>	<b>nil</b>	<b>nil</b>	<b>nil</b>	<b>nil</b>	

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
<b>1685</b>	<b>1770</b>	<b>85</b>	<b>15 - 45 (30)</b>	<b>30 - 80 (40)</b>	SANDSTONE with minor SILTY CLAYSTONE and SILTSTONE partings. SANDSTONE: white to light grey, fine to medium grained (coarse at very top of interval) predominantly well sorted, angular to subrounded, clay matrix washing out, minor silica and rare pyrite cement, trace lithics and glauconite. visual porosity fair to occ good. no shows
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	SILTSTONE and SILTY CLAYSTONE: Laminated on mm scale between medium grey, speckled, dark grey carbonaceous, and pale grey /quartzose, occasional carbonaceous laminations.
<b>100%</b>	<b>nil</b>	<b>nil</b>			

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	PPM	
			min-max(av)		
<b>1770</b>	<b>1872</b>	<b>102</b>	<b>10 - 35 (14)</b>	<b>10 - 20 (20)</b>	Interbedded SANDSTONE and SILTY CLAYSTONE, with minor SILTSTONE. SANDSTONE: white to grey, light brown, very fine to medium grained, individual samples well sorted, subangular to subrounded, silty in part, minor silty clay matrix, silica cement. Trace glauconite and pyrite.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	SILTSTONE: light grey to greyish brown, quartzose in part/ sucrosic, carbonaceous laminations in part. Finely laminated with SILTY CLAYSTONE: medium to dark grey.
<b>100%</b>	<b>nil</b>	<b>nil</b>			

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			m/hr	PPM	
			min-max(av)		
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

Comments, or other evaluation reports