Essential Petroleum Resources Limited

Daily Geology Report

Well Name:			East Wing-1
Report No:	**8**	For date:	3-May-08
Days:	8	Midnight depth:	1376
24 hr progress:			247
0600 depth update:			1376
06:00 operation & 24 program:			Running in the hole to drill ahead
Highlights and Fm tops:			Top Paaratte 1205m 15 m high.

Interval Descriptions

From	To	Thickness	ROP m/hr min-max(av)	GAS PPM	Description and shows
1129	**1205**	**76**	**13-41 (35)**		SANDSTONE (20-100%): disagg quartz grains, clear, translucent, light grey, grey yell to yell brown, v fn to vc, sa-occ well rd. Trace lithics: green, black and brick red, rare dense pyrite cement. SILTSTONE (0-40%): Light brownish grey, brownish grey, greyish red, dark greenish grey, occ dark grey green glauconitic pelloids, sandy (vfn) ip. SILTY CLAYSTONE (0-60%): v light grey to dark grey, greyish brown, carbonaceous ip, glauc ip, v fn sand ip. Trace marine fossils.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

From	To	Thickness	ROP m/hr min-max(av)	GAS PPM	Description and shows
1205	**1376**	**171**	**13-54 (33)**		**Coarsening upward cycles - marine at base (glauc, marine fossils), non-marine at top** SANDSTONE (0-95%): disagg quartz grains, clear to white, rare grey lithics, rare schist frags, f-vc, ang-sr, white clay matrix adhering to grains ip. SILTSTONE (0-30%): brown grey, green grey (glauc), soft to firm, blocky, sandy ip. SILTY and SANDY CLAYSTONE (5-100%): brown grey, pink grey, occ green grey and glauconitic, soft, amorphous, dispersive ip, very finely sandy ip. COAL (0-10%)
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	

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