



Daily Geology Report

Well Name:		East Wing-1	
Report No:	7	For date:	2-May-08
Days:	7	Midnight depth:	1129
24 hr progress:			243
0600 depth update:			1216
06:00 operation & 24 program:	Drilling ahead in Paaratte Fm, planned op is drill ahead.		
Highlights and Fm tops:	Top Pember Mudstone 950m (5m low), Top Pebble Point Formation 1017m (3m high) , Top Massacre Shale 1083m (7m high), Top Timboon Sandstone 1103m (12m high)		

Interval Descriptions

From	To	Thick ness	ROP m/hr min-max(av)	GAS PPM	Description and shows
886	950	64	8-57 (29)		SANDSTONE: as loose grains: clear to pale bluish green, fine to coarse grained, moderately sorted, subangular to subrounded, common polycrystalline grains with pale green to greenish blue mineral inclusions, occasional aggregates with dense green to grey arg matrix and silica cement, occ , grades to SILTY CLAYSTONE: brownish grey, dispersive, occasional laminae very glauconitic. sandy, mottled, micaceous in part, occ w/ greenish matrix.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
950	1017	67	9-34 (23)		SILTY CLAYSTONE: light to dark greyish brown, soft, dispersive, homogenous, occasional laminae very finely sandy and glauconitic, trace fine pyrite nodules, marine fossils.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
1017	1083	66	23-57 (38)		SANDSTONE (30 - 90%): loose quartz grains, clear, translucent to opaque, stained pale yell orange, sa-sr, m-c grained. Trace dense pyrite cement. Rare glauconite pelloids. SILTY CLAYSTONE (10 - 70%): sandy ip, light to medium greyish brown, med grey, rarely greenish grey, soft to friable, pyritic ip, glauconitic ip, trace marine fossil frags (bivalves, gastropods, bryozoans), rare coalified wood fragments
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
0-3					
1083	1103	20	13-57 (26)		SILTY CLAYSTONE: Dark brownish grey, olive black, dark grey with carbonaceous flecks, occasionally greyish red speckled white, trace dark yell orange, soft to firm with common fossil frags (forams, bryozoans) with occ lenses of f-m quartz sand. Trace SANDSTONE as loose quartz grains, m-c, sa-r with dark yellowish orange and brown clay matrix adhering to grains. Rare greyish green schist fragments.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
1103	1129	26	18-40 (34)		SANDSTONE (0-100%): as loose quartz grains, clear and translucent to opaque, white, yellowish orange, coarse to granular, sr, occ well rd, commonly broken, also well rounded lithic grains (yellowish grey), dark green clay matrix adhering to grains ip. Interbedded with SILTY CLAYSTONE (0-100%): light brownish grey, dispersive, med grey, dark brownish grey, rarely glauconitic, trace marine fossil frags.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
0-40	0-10				