



Daily Geology Report

Well Name:		East Wing-1
Report No: 11	For date:	6-May-08
Days: 11	Midnight depth:	1908
24 hr progress:		249
0600 depth update:		1916
06:00 operation & 24 program: Drilling ahead in Belfast Mudstone		
Highlights and Fm tops: Top Nullawarre Grnsand at 1779 (11 m high). Top Belfast Mdst at 1785m (15m high)		

Interval Descriptions

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	Units	
			min-max(av)		
1659	1779	120	8 - 40 (19)	1 - 3 (2.4)	SANDSTONE (0-60%): white, soft, friable, quartzose, vf-f, well sorted, with carbonaceous flecks ip, also minor loose m-vc quartz grains, sa, broken. SILTSTONE (0-95%): medium grey, firm, blocky, sandy (vf, quartzose) ip, very clayey ip, carbonaceous flecks and frags ip, micromicaceous, rare marine fossil fragments. SILTY CLAYSTONE (0-100%): brownish grey, soft to firm, blocky, with occ carbonaceous flecks, rare glauconite pelloid lenses. Trace CHERTY DOLOSTONE: pale yellowish orange, blocky, hard, glauconitic pelloids ip, white calcite veins ip. Rare amber fragments ip, fluorescing bright yellowish white.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
311	11	8			

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	Units	
			min-max(av)		
1779	1785	6	11 - 35 (25)	3 - 4 (3.5)	SANDSTONE (50%): 1. very pale orange, vf, quartzose, soft and pulpy with abundant clay matrix 2. greyish orange, quartzose, f-m, speckled green with glauconitic pelloids ip, pale orange clay matrix, siliceous cement firm to hard, blocky 3. loose quartz grains, clear, translucent, occ orange brown, m-c, predom m, sa-sr. SILTSTONE (40%): medium greyish brown, soft to firm, grades to SILTY CLAYSTONE (10%)
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
87	3	2	nil		

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	Units	
			min-max(av)		
1785	1830	45	9 - 28 (17)	2 - 5 (3.2)	Interlaminated SILTSTONE (30-70%): very light grey to very pale greyish orange, light greenish grey in part, SILTY CLAYSTONE (20-70%): light to medium grey, greyish brown, rare greenish grey and SANDSTONE (0-40%): light grey to rarely greenish grey, very fine to rarely fine grained, silty, firm aggregates. Trace DOLOMITE: pinkish grey to greyish orange, hard, splintery, occurs as fine stringers.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
463	16	12	nil		

From	To	Thick ness	ROP	GAS	Description and shows
			m/hr	Units	
			min-max(av)		
1830	1908	78	14 - 30 (23)	3 - 8 (4.5)	SILTSTONE (50-60%): medium grey to brownish grey, firm, blocky, with trace fine carbonaceous flecks in part, occ lenses with f-c grained glauconite pelloids, grades to SILTY CLAYSTONE (40-50%). SANDSTONE (0-5%): loose quartz grains, clear, translucent, pale yellowish orange, f-m, sr. Trace CHERTY DOLOMITE: pinkish grey to greyish orange, hard, splintery, occurs as fine stringers. Trace marine fossils ip.
Average Gas Analysis PPM					
C1	C2	C3	i+nC4	C5	
999	32	28	nil		