



## Daily Geology Report

Well Name:		<b>East Wing-1ST</b>
Report No:	<b>30</b>	For date: <b>27-May-08</b>
Days:	<b>30</b>	Midnight depth: <b>2222</b>
24 hr progress:		<b>148</b>
0600 depth update:		<b>2247</b>
06:00 operation & 24 program: <b>Drilling ahead in lower Waarre Fm</b>		
Highlights and Fm tops: <b>Top Flaxman Fm 2160 m Top Waarre 2211 m measured depth.</b>		

### Interval Descriptions

From	To	Thick ness	ROP m/hr	GAS Units	Description and shows
min-max(av)					
<b>2074</b>	<b>2160</b>	<b>86</b>	<b>8-25 (13)</b>	<b>1-22 (15)</b>	Silty Claystone medium grey to medium dark grey, common glauconite (increasing) as irregular pellets, homogeneous, subfissile, trace micromicaceous, in part with finely dispersed carbonaceous matter, firm, interlaminated with heavy trace to 5% glauconitic sandstone: fine to medium grained, 50% glauc and qtz sand as loose grains and as friable aggregates w/ slight calc cement and dense mud matrix. Trace Dolomite: moderate yellowish brown, aphanitic, conchoidal fracture, hard.
Gas Analysis %					
C1	C2	C3	i+nC4	C5	
0.195	0.02	0.013	0.0003	0.004	

From	To	Thick ness	ROP m/hr	GAS Units	Description and shows
min-max(av)					
<b>2160</b>	<b>2194</b>	<b>34</b>	<b>4-18 (10)</b>	<b>9-29 (16)</b>	Siltstone: medium grey, blocky to spintery, medium hard, commonly with Fe staining from limonitised glauconite or chamosite, interlaminated with and matrix to: Sandstone: grey, fine to coarse grain, very poorly sorted, heterogeneous: quartz 65%, fine to coarse grained, angular, stained in part. glauc/chamosite 10%, greyish green aphanitic lithic grains 20% ?volcanics? red, yellow & brown cherty lithics tr-5% in dark grey silty matrix, trace marine fossils.
Average Gas Analysis %					
C1	C2	C3	i+nC4	C5	
0.271	0.02	0.013	0.0003	Tr	

From	To	Thick ness	ROP m/hr	GAS Units	Description and shows
min-max(av)					
<b>2194</b>	<b>2211</b>	<b>17</b>	<b>5-31 (13)</b>	<b>9-687</b>	Sandstone: yellow to very light grey occasionally dark grey, occ Fe stained/mottled, very fine to very coarse, very poorly sorted, angular, loose grains to very fine silty aggs, occ coarse grains embedded in dark silty matrix, dense calcareous cement in part, predominantly quartzose, trace glauconite and lithic grains. Inferred porosity poor to ? fair
Average Gas Analysis %					
C1	C2	C3	i+nC4	C5	
3.283	0.23	0.19	0.0079	0.0014	

From	To	Thick ness	ROP m/hr	GAS Units	Description and shows
min-max(av)					
<b>2211</b>	<b>2222</b>	<b>11</b>	<b>4-10 (8)</b>	<b>10 -150 (50)</b>	Sandstone: predominantly white, fine to very coarse/fractured, poorly sorted, abundant fractured grains ? Qtz conlomeratic in part. quartzose, with trace yellow quartz, glauconite common but unweathered. trace marine fossils, silty dolomitic matrix in part. Interbedded with minor Siltstone grading to Silty Claystone, greyish brown to brownish black, glauconitic in part, hard, blocky. Trace dolomite buff, glauconite grains in fine grained dol matrix,
Average Gas Analysis %					
C1	C2	C3	i+nC4	C5	
0.864	0.06	0.052	0.002	0.0005	