



WELL: Blamore-1	REPORT No. 1	DAYS FROM SPUD: 1	DATE: 6 th July 2008, 0600hrs
EP 93	LAST DEPTH: 15.0	MIDNIGHT DEPTH: 408m	PROGRESS: 393m
Exploration Well		RT ELEVATION: 146.1m	PTD: 2506m RIG: Hunt Rig 2
Location: Lat : S 25.336134 Long : E 136.146246		GROUND LEVEL: 142m	LAST SURVEY: 451m 0.75degrees
NEARBY WELLS: Colson-1, McDills-1			GEOLOGIST: M Harrison
PREVIOUS OPERATIONS (24 hrs): Blamore-1 spudded at 0400 hours on 5 th July 2008. 12 ¼" hole was drilled from a depth of 15m, the base of the 16" conductor to 408m at 2400 hours 5 th July 2008.			
06:00 OPS: Drilling ahead at 483m			
HYDROCARBON SUMMARY: Background gas, Total Gas : nil , C1 : 1 – 9 ppm range, average 4.5 ppm			

Formation Tops	Prognosed Depths		Wellsite Depths		Difference High / Low To Prog
	(mRT)	(mSS)	(mRT)	(mSS)	
Blamore-1 Prelim. RT m					
Surficial & Namba Fm	4.1	0	4.1m	0	
Eyre Fm			30m		
Winton Fm	164.1m	160m	145m	140.9m	+19.1m
Oodnadatta Fm					
Toolebuc Fm					
Bulldog Shale					
Cadna-owie Fm					
Murta Fm					
Algebuckina Sandstone					
Poolowanna Formation					
Peera Peera Formation					
Walkandi Formation					
Purni Formation					
Crown Point Formation					
Tirrawarra Sandstone					
Warburton Basin					
TD					

(1) / (2) = Primary / Secondary oil objectives.



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition % C1:C2:C3:C4:C5
14m – 30m	Sandstone, pale orange, clear to orange stained quartz grains, loose, fine to medium, coarse in part, angular to sub-round. Trace Silcrete/ calcrete, white, hard , angular fragments, slightly to moderately calcareous	
30m – 40m	Sandstone loose a/a 40%, with balance of sample being Sandstone 40%, pale orange, moderately hard to hard, very fine grained, calcareous, grading to Siltstone 20%	
50m – 90m	Sandstone 100%, light grey, white grey, loose to soft, fine to medium, rarely coarse, well sorted, sub-angular with abundant white clay matrix that is largely washed from sample, but clearly present in unwashed sample, trace orange clay towards the base of the interval	
90m – 140m	Sandstone 90%, light orange grey, light yellow grey, predominantly loose, unconsolidated, fine to medium, predominantly fine, well sorted, sub-angular to angular, soft aggregates, very fine to fine grained, with white, yellow, orange clay matrix, rare muscovite mica as coarse flakes, trace hard with yellow and orange matrix at base of interval Claystone 10%, dull yellow, soft, silty	
140m – 150m	Claystone 60%, light olive grey, soft, sticky, trace scattered lignite fragments, commonly with fibrous woody texture, mixed with Sandstone 20%, loose a/a, with 20% of sample Sandstone/Siltstone, hard, dull red, yellow orange in part Top Winton put at 145m within this sample interval	
150m – 240m	Claystone 10 – 90%, medium light grey, soft, sticky to sloppy, trace scattered lignite fragments commonly with fibrous woody texture, non calcareous Sandstone 10 – 90%, light olive grey, unconsolidated, fine to medium, predominantly fine, well sorted, angular, predominantly clear quartz grains, some yellow and orange coloured fragments in sample. Sandstone 20%, light grey, friable to firm, fine, sub-angular argillaceous, light grey and white clay matrix, tight occurs in the lower 20m of the interval The loose unconsolidated Sandstone appears to be derived largely from up hole and the Claystone is considered largely dispersed into the spud mud and washed away in sample washing.	
240m – 270m	Claystone 100%, medium grey, subtle hint of green occasionally brown in part, soft to firm, non calcareous, trace black specks of coal/carbonaceous material, coal fragments rare	
270m - 290m	Claystone 30-60% as above, Sandstone 40-70%, medium grey , loose, fine, sub-angular to angular, rare rounded black glauconite ? grains and black lignite fragments present, trace pyrite	
290m -340m	Claystone 100%, medium grey to medium dark grey, hues of green and lesser brown common, soft to firm, non calcareous, rare to trace lignite, soft to moderately hard, woody texture in part, silty in part	



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition % C1:C2:C3:C4:C5
340-350m	Sandstone 60%, light grey, loose, fine, well sorted, angular , associated with greener coloured clays, Claystone 40%, generally as above	
350m – 400m	Claystone 100%, medium grey, light green grey in part, light brown grey in part, soft to firm, rare to trace lignite fragments, non calcareous	