



CENTRAL PETROLEUM LTD.

Blamore-1 DAILY GEOLOGY REPORT.

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WELL: Blamore-1	REPORT No. 17	DAYS FROM SPUD: 17	DATE: 22nd July 2008, 0600hrs
EP 93	LAST DEPTH: 1918m	MIDNIGHT DEPTH: 2100m	PROGRESS: 182m
Exploration Well		RT ELEVATION: 146.1m KB ELEVATION: 146.5m	PTD: 2506m RIG: Hunt Rig 2
Location: Lat : S 25.336134 Long : E 136.146246		GROUND LEVEL: 142m	LAST SURVEY: 1365m 1.5 degrees
NEARBY WELLS: Colson-1, McDills-1			GEOLOGISTS: M Harrison / P Elliott
PREVIOUS OPERATIONS (24 hrs): Drill ahead from 1918m to 2100m.			
06:00 OPS: Drilling ahead at 2126m in 216mm (8½" hole) in Crown Point Formation.			
HYDROCARBON SUMMARY No shows were observed.			

Formation Tops Blamore-1 Prelim. RT m	Prognosed Depths		Wellsite Depths		Difference High / Low To Prog
	(mKB)	(mSS)	(mKB)	(mSS)	
Surficial & Namba Fm	4.5	0	4.1	0	
Eyre Fm			30		
Winton Fm	164.5	-18	145	+1.5	+19.12
Oodnadatta Fm	664.5	-518	635	-488.5	+29.1m
Toolebuc Fm			835 (?)	-688.5	
Bulldog Shale	851.5	-705	865 (?)	-718.5	+13.5m
Cadna-owie Fm	1061.5	-915	951	-804.5	+110.5m
Murta Fm			965	-818.5	
Algebuckina Sandstone	1083.5	-937	983	-836.5	+100.5m
Poolowanna Formation	1543.5	-1397	1275??		
Peera Peera Formation					
Walkandi Formation			1285.5	-1139	
REVISED			1369.5	-1223	
Purni Formation	1727.5 (1472)**	-1581	1503m	-1486.5m	+224m (-16.1m)
Tirrawarra Sandstone					
Crown Point Formation			2098	-1951.5	-180m
Warburton Basin					
TD					

(1) / (2) = Primary / Secondary oil objectives. Note: ** Revised prognosis using stacking velocities, numbers bracketed



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition ppm C1:C2:C3:IC4:NC4:IC5:NC5
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DEPTH ROP	LITHOLOGICAL DESCRIPTIONS COMMENT	TOTAL GAS GAS COMPOSITION
1953 - 1959m 2.0 – 38.7m/hr Av 17.7	<p>SANDSTONE : 95% : very light grey to very light olive grey, very fine to coarse, predominantly medium, poorly to moderately sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, generally loose, firm in aggregate, poor visual porosity, fair inferred porosity, no shows.</p> <p>SILTSTONE : 5% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky.</p> <p>Cavings : 5%.</p>	7.4 – 12.5u Av 11.0 1181:104:106:26:23:6:4
1959 – 1965m 1.2 – 18.5m/hr Av 10.1	<p>SANDSTONE : 30% : very light grey to very light olive grey, very fine to coarse, predominantly medium, poorly to moderately sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant argillaceous matrix, common to abundant mica flakes, occasional carbonaceous specks, occasional lithic grains, generally loose, fair inferred porosity, becoming predominantly very fine grained aggregates with depth, firm, poor visual porosity, no shows.</p> <p>SILTSTONE : 40 - 50% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows, trace dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky.</p> <p>COAL : 20 -30%: very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to fissile.</p> <p>Cavings : 5%.</p>	7.8 – 9.6u Av 8.9 844:90:97:25:21:6:4
1965 – 1977m 6.0 – 21.5m/hr Av 12.8	<p>SANDSTONE : 80% : very light grey to very light olive grey, mainly loose very fine to medium grains, predominantly fine, moderate sorting, subangular to angular, micaceous, common to abundant fine to coarse sized transparent to pale brown mica flakes, with very fine grained aggregates in part, argillaceous matrix, generally white kaolin, silty, grading to Siltstone</p> <p>SILTSTONE : 20% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows trace dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky.</p>	3.7 – 9.5u Av 6.9u 703:67:80:23:19:6:4



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition ppm C1:C2:C3:IC4:NC4:IC5:NC5
1977 – 1989m 8.2 – 27.2m/hr Av 13.1	<p>SANDSTONE : 80% : very light grey to very light olive grey, mainly firm very fine to fine grained aggregates, firm, moderate sorting, subangular to angular, micaceous, common carbonaceous specks, argillaceous matrix, generally white kaolin, silty, grading to Siltstone, with a lesser amount of loose, fine to medium quartz grains.</p> <p>SILTSTONE : 20% : light to dark grey, quartzose, very finely arenaceous in part, rare to common carbonaceous specks, micromicaceous in part, shows very rare dull to moderately bright orange-gold mineral fluorescence (siderite ?), very firm to moderately hard, blocky.</p> <p>Cavings: 10%.</p>	1.9 – 24.4u Av 7.2u 732:57:62:18:16:5:3 Peak @ 1982m: 24.4u 2874:165:113:29:25:7:4
1989 – 2004m 5.8 – 23.0m/hr Av 13.5	<p>SANDSTONE : 95% : very light grey to very light olive grey, loose, fine to medium, well sorted, subangular to angular, micaceous, common kaolin in sample, good inferred porosity, no shows.</p> <p>SILTSTONE : 5% : as above.</p> <p>Trace mineral fluorescence as above, soft translucent mineral with black inclusions, no cut fluorescence.</p> <p>Cavings : 5%.</p>	1.8 – 3.9u Av 2.9 263:18:26:8:7:2:2
2004 – 2010m 5.2 – 17.3m/hr Av 12.5	<p>SANDSTONE : 100%, very light grey to very light olive grey, loose, fine to coarse grained, predominantly medium, moderately well sorted, subangular to angular, trace showing quartz overgrowth, slightly micaceous, good inferred porosity, with rare aggregates, moderately hard, siliceous cement, kaolin matrix, micaceous, poor porosity</p> <p>SILTSTONE : Trace as above.</p> <p>COAL : Trace as above.</p> <p>Cavings : 5%.</p>	1.9 – 4.4u Av 3.0u 386:21:33:10:9:3:2
2010 – 2013m 11.3 – 15.5m/hr Av 12.7	<p>CLAYSTONE: 100% light olive grey to medium grey in part, soft to firm, micromicaceous in part, rare black carbonaceous laminae, blocky.</p> <p>Cavings : 50% .</p>	1.5 – 4.3u Av 3.4u 364:32:33:9:9:3:2
2013 – 2028m 8.9 – 38.0m/hr Av 20.8	<p>SANDSTONE : 70 -100% : light grey, loose, medium to coarse, predominantly coarse, moderately well sorted, subangular to angular, slight trace mica, transparent and brown flakes, clear to milky quartz grains, excellent inferred porosity</p> <p>CLAYSTONE: 0-30% : light olive grey becoming medium to dark olive grey, soft, slightly carbonaceous, dark grey, very silty in part</p> <p>Cavings: 10%.</p>	1.6 – 6.7u Av 2.6u 265:20:27:9:10:3:2
2028 – 2037m 5.4 – 16.8m/hr Av 10.6	<p>SANDSTONE : 40% : light grey, loose, medium to coarse, predominantly coarse, moderately well sorted, subangular to angular, slight trace mica, transparent and brown flakes, clear to miky quartz grains, excellent inferred porosity</p> <p>CLAYSTONE: 35 -60% ; light olive grey, soft, slightly carbonaceous</p> <p>COAL : Trace -15% : very dark grey to black, submetallic to subvitreous, rarely vitreous, hackly to subconchoidal fracture, very firm to moderately hard, blocky to fissile.</p> <p>Cavings: 10%.</p>	1.5 – 5.0u Av 2.1u 141:10:16:6:7:2:2



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition ppm C1:C2:C3:IC4:NC4:IC5:NC5
2037 – 2046m 7.1 – 29.2m/hr Av 13.9	<p>SANDSTONE : (90 – 95%) : off-white to very light grey and very light olive grey, very fine to medium with occasional to common coarse grains, well sorted where very fine to fine to poorly sorted, angular to subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, generally loose, firm to very firm in aggregate, very poor visual porosity to fair inferred porosity, no shows.</p> <p>SILTSTONE : (5 – 10%) :light to mid grey and light to mid brown-grey, quartzose, very finely arenaceous, micromicaceous, rare to common carbonaceous specks, occasional to locally abundant carbonaceous and micaceous microlaminae, friable to firm, blocky to subfissile.</p> <p>Cavings : 10%.</p>	1.5 – 5.0u Av 2.2u 197:10:13:5:6:2:2
2046 – 2076m 4.8 – 20.4m/hr Av 12.0	<p>SANDSTONE : (40 – 95%) : off-white to very light grey and very light olive grey, very fine to coarse predominantly medium, moderately well sorted, angular to predominantly subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, rare lithic grains, generally loose, firm in aggregate, very poor visual porosity to fair inferred porosity, no shows.</p> <p>SILTSTONE : (5 – 60%) : light to mid grey and light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, rarely argillaceous, micromicaceous, rare to common carbonaceous specks, occasional carbonaceous and micaceous microlaminae, friable to firm, blocky to subfissile.</p> <p>Cavings : 5%.</p>	1.4 – 3.1u Av 2.1u 217:11:15:6:7:3:2
2076 – 2085m 4.7 – 22.9m/hr Av 11.8	<p>SANDSTONE : (35 – 90%) : off-white to very light grey and very light olive grey, very fine to coarse predominantly medium, moderately well sorted, angular to predominantly subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, rare lithic grains, generally loose, firm in aggregate, very poor visual porosity to fair inferred porosity, no shows.</p> <p>SILTSTONE : (10 – 65%) : light to mid grey and light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, rarely argillaceous, micromicaceous, rare to common carbonaceous specks, occasional carbonaceous and micaceous microlaminae, friable to firm, blocky to subfissile.</p> <p>Cavings : 5%.</p>	2.1 – 3.9u Av 2.8u 246:11:16:6:7:3:2
2085 – 2091m 3.3 – 20.0m/hr Av 7.2	<p>SILTSTONE : 1) : (90%) : very light to light grey, quartzose, slightly argillaceous, rare carbonaceous specks, very firm to moderately hard, blocky.</p> <p>SILTSTONE : 2) : (10%) : light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, slightly to moderately argillaceous, micromicaceous, rare to occasional carbonaceous specks, rare carbonaceous microlaminae and detritus, friable to firm, blocky to subfissile.</p> <p>Cavings : 5%.</p>	1.0 – 2.5u Av 1.9u 155:9:15:6:8:3:1



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Interval (m)	Lithology Description	Gas (units) Peak/Background Composition ppm C1:C2:C3:IC4:NC4:IC5:NC5
2091 – 2097m 3.9 – 9.7m/hr Av 5.2	<p>SILTSTONE : 1) : 55% : very light to light grey, quartzose, slightly argillaceous, rare carbonaceous specks, very firm to moderately hard, blocky.</p> <p>SILTSTONE : 2) : 30% : light to mid brown-grey, rarely dark brown-grey, quartzose, very finely arenaceous, slightly to moderately argillaceous, micromicaceous, rare to occasional carbonaceous specks, rare carbonaceous microlaminae and detritus, friable to firm, blocky to subfissile.</p> <p>SANDSTONE : 10% : off-white to very light grey and very light olive grey, very fine to coarse predominantly fine to medium, moderately well sorted, angular to predominantly subround, moderate quartz overgrowths, siliceous cement, abundant white (kaolinite) argillaceous matrix, common to abundant muscovite flakes, occasional carbonaceous specks, rare lithic grains, generally loose, firm in aggregate, very poor visual porosity to fair inferred porosity, no shows.</p> <p>Cavings : 5%</p>	1.6 – 2.2u Av 1.8u 127:8:14:6:8:4:3
2097 – 2106m 2.3 – 18.3m/hr Av 7.6	<p>SANDSTONE : (60 – 100%) : very light grey to very light olive grey, fine to medium with occasional coarse to very coarse grains, moderately sorted, subrounded to well rounded, frosted (aeolian) grains, light olive grey silty and argillaceous matrix (?), loose with no aggregates, matrix appears as soft agglutinations of light olive grey rock flour, very poor inferred porosity, no shows.</p> <p>SILTSTONE : (0 – 30%) : light to mid grey, sucrosic, quartzose, slightly argillaceous, firm, blocky.</p> <p>Cavings : 10%</p>	1 u 99:7:14:7:8:4:2
2106 – 2115m 1.5 – 19.9m/hr Av 6.8	<p>SILTSTONE : (35 – 65%): off-white to very light grey, quartzose, sucrosic, very finely arenaceous grading to very fine sandstone, moderately hard, blocky.</p> <p>SANDSTONE : (35 – 65%): off-white to very light grey, very fine to fine, occasional medium grains, well to moderately sorted, angular to well rounded, moderate to abundant quartz overgrowths, occasional to common well rounded aeolian grains, siliceous cement, minor to abundant white argillaceous matrix, commonly loose, very firm to moderately hard in aggregate, poor to very poor visual porosity, poor to fair inferred porosity, no shows, grading to siltstone.</p> <p>Cavings : 10%.</p>	1u 84:6:13:7:9:4:2
2115 – 2121m 2.5 – 14.1m/hr Av 6.5	<p>SANDSTONE : (90%) : off-white to very light grey, very fine to medium, predominantly fine to medium, subangular to well rounded, moderate quartz overgrowths, common well rounded aeolian grains, siliceous cement, minor to abundant white argillaceous matrix, occasional sil matrix, commonly loose, very firm to moderately hard in aggregate, poor to very poor visual porosity, poor to fair inferred porosity, no shows.</p> <p>SILTSTONE : (10%): off-white to very light grey, occasionally very pale green, quartzose, sucrosic, very finely arenaceous grading to very fine sandstone, moderately hard, blocky.</p> <p>Cavings : 10%.</p>	1u 141:6:6:3:3:2:1