

**Megascolides-1 RE**

<b>Date :</b>	24 Dec 2006	<b>Well Site Manager :</b>	Cesar Miaco	<b>Rig Manager :</b>	Cesar Miaco / Fred Sanchez
<b>Report Number</b>	11	<b>Drilling Supervisor :</b>	Bruce Pilat	<b>Drilling Company :</b>	Century Drilling Ltd
<b>Easting</b>	402155.9	<b>Northing</b>	5767949.5	<b>Geologist :</b>	Dave Horner

**Well Details**

Country:	Australia	Current Hole Size:	8.500in	Casing O.D.:	9.625in	Planned TD:	1960m
Field:	Megascolides	Measured Depth:	1890m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1890m	Casing TVD:	508m	FIT/LOT:	/ 16.86ppg
RT - AMSL:	125.20m	24 Hr Progress:	8m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	11.00	Liner MD:		LTI Free Days:	211
Datum:	WGS 84	Days On Well:	59.00	Liner TVD:			

Current Ops @ 0600:	Cut core # 2
Planned Operations:	Pull out of hole with core # 2,drill ahead with 8.5 bit

**Summary of Period 0000 to 2400 Hrs**

Pull out of hole with core #2,recover core,make up core barrel # 2
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**Well Costs - AFE Number:**

Original AFE:	\$ 1,943,770	Orig & Supp AFE:	\$ 1,943,770	Daily Cost:	\$ 0	Cum. Cost:	\$ 0
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**HSE Summary**

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening ( )	24 Dec 2006	0 Days	All on site personnel blow into acholiser
BOP Drill ( 2 )	24 Dec 2006	0 Days	BOP drill conducted in acceptable time
Pre-Tour Meetings ( 2 )	24 Dec 2006	0 Days	tripping,handle tools,laying out core tubes
Weekly Safety Meeting ( 2 )	24 Dec 2006	0 Days	

**Operations For Period 0000 Hrs to 2400 Hrs on 24 Dec 2006**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	COR	0000	0430	4.50	1890m	Drop ball,Cut core # 1 from 1881 m to 1889.9 m ( barrel jammed )
ST	P	TO	0430	1200	7.50	1890m	Pull out of hole with core # 1 (tight hole, pump out from 1889.9m to 1868 m )
ST	P	COR	1200	1400	2.00	1890m	Recover core # 1 from barrel ( recovery 1881m to 1887.6 m 82.5% )
ST	P	RS	1400	1430	0.50	1890m	Rig service
ST	P	SC	1430	1500	0.50	1890m	Slip 40 ft drill line
ST	P	TI	1500	2000	5.00	1890m	Make up core barrel # 2 and run in hole to 1805 m
ST	P	RW	2000	2230	2.50	1890m	Wash from 1805 m to 1889 m
ST	P	RW	2230	2300	0.50	1890m	Space out,circulate bottoms up
ST	P	COR	2300	2400	1.00	1889m	Cut core # 2 from 1889 m to 1889.1 m

**Operations For Period 0000 Hrs to 0600 Hrs on 25 Dec 2006**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	COR	0000	0600	6.00	1895m	Cut core # 2 from 1889 m to 1895 m

**WBM Data**

Daily Chemical Costs: \$ 2054				Cost To Date: \$ 27145				Engineer : Peter N Aronetz			
Mud Type:	KCI / Polymer	Flowline Temp:	41C°	Cl:	12.30x1000 mg/l	Low Gravity Solids:	4%	Gels 10s		0	
Sample From:	Below Shaker	Nitrates:	0mg/l	Hard/Ca:	240mg/l	High Gravity Solids:	0%	Gels 10m		1	
Time:	22:30	Sulphites:	150mg/l	MBT:	12	Solids (corrected):	4%	Fann 003		0	
Weight:	9.00ppg	API FL:	7cm³/30m	PM:	1.15	H2O:	96%	Fann 006		1	
ECD TD:	9.10ppg	API Cake:	1/32nd"	PF:	0.1	Oil:	0%	Fann 100		10	
ECD Shoe:	9.10ppg	PV	13cp	MF:	1.15	Sand:	0.15 %	Fann 200		17	
Viscosity	47sec/qt	YP	9lb/100ft²	pH:	9.2	Barite:	0	Fann 300		22	
KCl Equiv:	2%			PHPA Excess:	Oppb			Fann 600		35	

**Comment:** Maintain fluid properties, with a view to prevent increase of density.  
Adding ~5bbls/hr water @ shakers, running all solids-control equipment.

**Shakers, Volumes and Losses Data**

Available	875.0bbl	Losses	52.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	392.0bbl	Downhole	3.0bbl	De-Gaser 1	Rig		0
Hole	401.0bbl	Shakers & Equip.	3.0bbl	De-Sander 1	Pioneer	2 Cones	8
Slug		Dumped	35.0bbl	De-Silter 1	Pioneer	10 Cones	8
Reserve	82.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	18
		De-sander	11.0bbl	Shaker 2	DFE	2x175, 1x140	18
Built	45.0bbl						

**Comment:** Adding ~5bbls/hr water @ shakers, running all solids-control equipment.

**Bit Data**

**Bit # 6**

Size ("):	8.50	IADC#		Nozzles	Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	Security DBS	WOB(avg)	11.00klb		Progress	8m	Cum. Progress	8.0m
Type:		RPM(avg)	90		On Bottom Hrs	4.00	Cum. On Btm Hrs	4.00
Serial No.:	8492c	RPM (DH)(avg)	90		IADC Drill Hrs	6.00	Cum IADC Drill Hrs	6.00
Bit Model	MCP662	F.Rate	233gpm		Total Revs	36155	Cum Total Revs	36155
Depth In	1881m	SPP	450psi		OB-ROP(avg)	2.00ft/hr	Cum. OB-ROP(avg)	2.00ft/hr
Depth Out		TFA		HSI	NaN			

**Bit Data**

**Bit # 4**

				Wear	I	O1	D	L	B	G	O2	R
				0	0	NO	FC	X	I	NO	CP	
Size ("):	8.50	IADC#		Nozzles	Drilled over last 24 hrs		Calculated over Bit Run					
Mfr:	Security DBS	WOB(avg)	15.00klb	5 x 11(/32nd")	Progress	0m	Cum. Progress	219.0m				
Type:	PDC	RPM(avg)	130		On Bottom Hrs	0.00	Cum. On Btm Hrs	22.00				
Serial No.:	10881881	RPM (DH)(avg)	130		IADC Drill Hrs	0.00	Cum IADC Drill Hrs	31.00				
Bit Model	FM3553	F.Rate	320gpm		Total Revs	67030	Cum Total Revs	263372				
Depth In	1659m	SPP	850psi		OB-ROP(avg)		Cum. OB-ROP(avg)	9.95ft/hr				
Depth Out		TFA		HSI	NaN							

**BHA Data**

**BHA # 6**

Weight(Wet)	48000.00klb	Length	186m	Torque(max)	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	35000.00klb	String	151000.00klb	Torque(Off.Btm)	D.C. (2) Ann Velocity
		Pick-Up	155000.00klb	Torque(On.Btm)	H.W.D.P. Ann Velocity
		Slack-Off	125000.00klb	Jar Hours	D.P. Ann Velocity

BHA Run Description coring

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.37m	8.50in		8492		
Stab	1 x 0.76m	7.50in	5.88in	W0137183		
Core Barrel	1 x 5.33m	7.12in	5.88in	W0135209		
Stab	1 x 0.76m	7.50in	5.88in	W0137219		
Core Barrel	1 x 5.33m	7.12in	5.88in	W0135137		
Stab	1 x 0.76m	7.50in	5.88in	W0137204		
Core Barrel	1 x 5.33m	7.12in	5.88in	728015		
Stab	1 x 0.76m	7.50in	5.88in	W0137028		
Core Barrel	1 x 0.61m	7.12in	5.85in			
Drill Collar	1 x 72.48m	6.25in	6.94in			
Drilling Jars	1 x 9.58m	6.25in	2.62in			
Drill Collar	1 x 27.38m	6.25in	6.94in			
HWDP	1 x 56.10m	4.50in	2.94in			
<b>Total Length:</b>	<b>185.55m</b>					

**Survey**

MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (deg)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
1693.64	4.3	57.0	1692.71	35.8	0.9	-16.2	53.1	MSS
1743.00	4.0	45.0	1741.48	39.3	0.6	-14.0	55.9	MSS
1819.00	4.0	62.0	1817.30	44.5	0.5	-10.8	60.1	MSS
1869.00	4.0	52.0	1867.18	48.0	0.4	-9.0	63.0	MSS

**Summary**

Company		Pax On
Karoon Gas Ltd		3
Century Drilling Ltd		20
RMN Drilling Fluids		1
BHI		2
Eurest		3
Corpro Systems Ltd		1
Total on Rig		30

**Pumps**

Pump Data - Last 24 Hrs								Slow Pump Data					
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	Ck. Line (psi)	SPM (SPM)	SPP (psi)	Flow (gpm)	
1	Gardner Denver PZ7	5.50		97	76	1000	160	1758		1.	60	140	126
										2.	80	220	168
2	Gardner Denver	5.50		97	76	1000	160	1758		1.	60	140	126
										2.	80	220	168
3	Gardner Denver	5.50		97						1.			
										2.			