

**Megascolides-2**

<b>Date :</b>	31 Jan 2007	<b>Well Site Manager :</b>	Bruce Pilat	<b>Rig Manager :</b>	Cesar Miaco
<b>Report Number</b>	34	<b>Drilling Supervisor :</b>	Bruce Pilat / Brian Assels	<b>Drilling Company :</b>	Century Drilling Ltd
<b>Easting</b>	403212	<b>Northing</b>	5767583	<b>Geologist :</b>	Dave Horner

**Well Details**

Country:	Australia	Current Hole Size:	8.500in	Casing O.D.:	9.625in	Planned TD:	2170m
Field:	Megascolides	Measured Depth:	2130m	Casing MD:	507m	Last BOP Test:	29 Jan 2007
Rig:	Century 11	True Vertical Depth:	2126m	Casing TVD:	507m	FIT/LOT:	20.00ppg /
RT - AMSL:	156.20m	24 Hr Progress:	20m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	27.42	Liner MD:		LTI Free Days:	252
Datum:	WGS 84	Days On Well:	33.31	Liner TVD:			

Current Ops @ 0600: Log well with super combo (DLL-MLL-SLL-Sonic-Neutron Density-SP-CAL) log.

Planned Operations: Log well, evaluate reservoir quality.

**Summary of Period 0000 to 2400 Hrs**

Drill 8-1/2" hole f/ 2110m to 2130m. Circ b/up. Conduct wiper trip to 1250m. RIH, circ and POH to log. RU electric line services.

**Well Costs - AFE Number:**

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 66,603	Cum. Cost:	\$ 2,538,281
Projected Cost:	\$ 3,239,256						

**HSE Summary**

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening ( 2 )	31 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Pre-Tour Meetings ( 2 )	31 Jan 2007	0 Days	Setting and functioning crownomatic & Racking DC's and tripping pipe
Safety Meeting ( 1 )	31 Jan 2007	0 Days	Hold pre-job SM with all crew and electric line services.
Trip / Kick Drill ( 1 )	31 Jan 2007	0 Days	Hold BOP drill- good crew response

**Operations For Period 0000 Hrs to 2400 Hrs on 31 Jan 2007**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0900	9.00	2130m	Drill 8-1/2" hole f/ 2110m to 2130m TD
PH1	P	CMD	0900	1000	1.00	2130m	Circulate bottoms up
PH1	P	WT	1000	1400	4.00	2130m	P.O.H wiper trip from 2130m to 1250 m ( no over pull, 1 mtr fill on btm )
PH1	P	CMD	1400	1530	1.50	2130m	Pump 30 bbl Hi-Vis and circulate hole clean
PH1	P	TO	1530	2200	6.50	2130m	P.O.H for log (slm: diff = +0.28m).
PH1	P	HBHA	2200	2300	1.00	2130m	BO and LO stab, 1 x 6-1/4" DC, NMDC, P/DC and bit.
E1	P	LOG	2300	2400	1.00	2130m	Hold safety meeting. Rig to run electric line logs.

**Operations For Period 0000 Hrs to 0600 Hrs on 01 Feb 2007**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
E1	P	LOG	0000	0600	6.00	2130m	Log hole with super combo (DLL-MLL-SLL-GR-Sonic-Density Neutron-SP-CAL) log. Tag TD at 2132m.

**WBM Data**

Daily Chemical Costs: \$ 884		Cost To Date: \$ 60191			Engineer : Peter N Aronetz	
Mud Type: KCI-PHPA-POLYMER	Flowline Temp: 59C°	Cl: 11.50x1000 mg/l	Low Gravity Solids: 7.4%	Gels 10s	6	
Sample From: Past Shaker	Nitrates: 0mg/l	Hard/Ca: 120mg/l	High Gravity Solids: 0.0%	Gels 10m	10	
Time: 15:40	Sulphites: 250mg/l	MBT: 5	Solids (corrected): 7.4%	Fann 003	5	
Weight: 9.45ppg	API FL: 5.6cm³/30m	PM: 0.55	H2O: 92.6%	Fann 006	7	
ECD TD: 10.02ppg	API Cake: 1/32nd"	PF: 0.16	Oil: 0.0%	Fann 100	30	
ECD Shoe:	PV 19cp	MF: 1.5	Sand: 0.20% %	Fann 200	41	
Viscosity 63sec/qt	YP 31lb/100ft²	pH: 9.8	Barite: 0	Fann 300	50	
KCl Equiv: 1.8%	CaCO3 Added: 39.8ppb	PHPA Added: 2.15ppb		Fann 600	69	

**Comment:** Maximum flow-line temperature recorded before wiper trip: 63°C.  
Prepare sweep with 0.5ppb EXTRA-SWEEP and use CaCO3 for heavy pill.

**Shakers, Volumes and Losses Data**

Available	998.0bbl	Losses	50.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	458.0bbl	Downhole	3.0bbl	De-Gaser 1	Rig		0
Hole	502.0bbl	Shakers & Equip.	35.0bbl	De-Sander 1	Pioneer	2 Cones	2
Slug		Dumped	10.0bbl	De-Silter 1	Pioneer	10 Cones	0
Reserve	38.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	16
		De-Sander	2.0bbl	Shaker 2	DFE	2x175, 1x140	16
		De-Silter	0.0bbl				
Built	0.0bbl						

**Bit Data**

Bit # 7		Wear	I	O1	D	L	B	G	O2	R
		1	1	2	WT	S	3	I	NO	TD
Size ("):	8.50	IADC#	447	<b>Nozzles</b>		<b>Drilled over last 24 hrs</b>		<b>Calculated over Bit Run</b>		
Mfr:	Security DBS	WOB(avg)	30.00klb	3 x 13(/32nd")		Progress	20m	Cum. Progress	65.0m	
Type:	Rock	RPM(avg)	70			On Bottom Hrs	9.00	Cum. On Btm Hrs	26.00	
Serial No.:	10851000	RPM (DH)(avg)	70			IADC Drill Hrs	9.00	Cum IADC Drill Hrs	29.00	
Bit Model	EBXS16D	F.Rate	440gpm			Total Revs	33500	Cum Total Revs	96900	
Depth In	2065m	SPP	2100psi			OB-ROP(avg)	2.22m/hr	Cum. OB-ROP(avg)	2.50m/hr	
Depth Out	2130m	TFA		HSI						

**BHA Data**

BHA # 4		Length	Weight	Torque	Ann Velocity
Weight(Wet)	49.00klb	245m		110ft-lbs	D.C. (1) Ann Velocity 325fpm
Wt Below Jar(Wet)	35.00klb			60ft-lbs	D.C. (2) Ann Velocity 0fpm
				80ft-lbs	H.W.D.P. Ann Velocity 207fpm
				471	D.P. Ann Velocity 207fpm

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.23m	8.50in		10851000		
Near Bit Stab	1 x 1.61m	8.50in	2.94in	S6527	359.5	
Pony DC	1 x 3.06m	6.25in	2.88in	6510-3		
String Stabiliser	1 x 1.44m	8.50in	2.81in	6527	359.5	
NMDC	1 x 9.32m	6.75in	2.81in	H362	359.5	
Drill Collar	1 x 9.23m	6.50in	3.00in	E 436		
String Stabiliser	1 x 1.48m	8.50in	2.81in	S 65	359.5	
Drill Collar	14 x 9.02m	6.25in	3.00in			
Drilling Jars	1 x 9.58m	6.25in	3.00in		471	
Drill Collar	3 x 9.01m	6.25in	3.00in			
HWDP	6 x 9.35m	4.50in	2.94in			
<b>Total Length:</b>	<b>245.36m</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
1812.00	2.25	44.00	1809.19	77.87	0.34	77.87	-29.84	Hofco single shot
1915.00	3.75	72.00	1912.05	80.37	0.60	80.37	-25.23	Totco single shot
2009.00	6.75	55.00	2005.65	84.49	1.07	84.49	-17.78	Totco single shot
2055.00	8.50	63.00	2051.25	87.58	1.33	87.58	-12.54	Totco single shot

**Summary**

Company	Pax On
Karoon Gas Ltd	4
Century Drilling Ltd	22
RMN Drilling Fluids	1
BHI	2
Eurest	3
<b>Total on Rig</b>	<b>32</b>

**Bulk Stocks**

Name	Unit	In	Used	Adjust	Balance
AMC Biocide G	25L can	0	0	0	15.0
AMC Defoamer	25L can	0	0	0	18.0
AMC PAC-R	25kg sack	0	0	0	53.0
AMC PHPA	25kg sack	0	2	0	18.0
AUS-BEN	25kg sack	0	0	0	0.0
AUS-DEX	25kg sack	0	0	0	0.0
AUS-GEL	25kg sack	0	0	0	251.0
Baryte	25kg sack	0	0	0	456.0
CaCl	25kg sack	0	0	0	0.0
Caustic Soda	25kg pail	0	1	0	7.0
Citric Acid	25kg sack	0	0	0	38.0
Cement - Class A	40kg sack	0	0	0	0.0
Kwik-seal C	40lb sack	0	0	0	32.0
Kwik-seal F	40lb sack	0	0	0	32.0
Kwik-seal M	40lb sack	0	0	0	32.0
Lime	20kg sack	0	0	0	10.0
KCl	25kg sack	0	0	0	198.0
Rod-free 205L	205L drum	0	0	0	1.0
Rod-free 25L	25L can	0	0	0	0.0
NaCl	25kg sack	0	0	0	0.0
SAPP	25kg sack	0	0	0	0.0
Soda Ash	25kg sack	0	3	0	16.0
Sodium Sulfite	25kg sack	0	2	0	12.0
Xanthan Gum	25kg sack	0	0	0	25.0
Xtra-sweep	12lb box	0	1	0	7.0
Diesel fuel	lt	0	4000	0	10,100.0
Calcium Carbonate 40µ	25 kg sacks	0	30	0	354.0

**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	G.D. PZ-7	5.50		97	107	2200	215	2130		1.	70	360	147
										2.	100	650	280
2	G.D PZ-7	5.50		97	107	2200	215	2130		1.	70	360	147
										2.	100	620	280
3	G.D PZ-7	5.50		97						1.			
										2.			