

**Megascolides-1 RE**

<b>Date :</b>	18 Dec 2006	<b>Well Site Manager :</b>	Cesar Miaco	<b>Rig Manager :</b>	Cesar Miaco / Fred Sanchez
<b>Report Number</b>	5	<b>Drilling Supervisor :</b>	Brian Holland	<b>Drilling Company :</b>	Century Drilling Ltd
<b>Easting</b>	402155.9	<b>Northing</b>	5767949.5	<b>Geologist :</b>	

**Well Details**

Country:	Australia	Current Hole Size:	8.500in	Casing O.D.:	9.625in	Planned TD:	1960m
Field:	Megascolides	Measured Depth:	1640m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1640m	Casing TVD:	508m	FIT/LOT:	/ 16.86ppg
RT - AMSL:	125.20m	24 Hr Progress:	0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	5.00	Liner MD:		LTI Free Days:	205
Datum:	WGS 84	Days On Well:	50.00	Liner TVD:			

Current Ops @ 0600: RIH with Steering Assembly

Planned Operations: Time drill and Kick off Side track 1

**Summary of Period 0000 to 2400 Hrs**

WOC, Polish Top of kick off plug, POOH rig up steering assembly

**Well Costs - AFE Number:**

Original AFE:	NaN	Orig & Supp AFE:	NaN	Daily Cost:	\$ 0	Cum. Cost:	\$ 0
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**HSE Summary**

Event (# Of)	Date of last	Days Since	Short Description
BOP Drill ( 2 )	18 Dec 2006	0 Days	Simulate circulation through Poor Boy
BOP Drill ( 1 )	18 Dec 2006	0 Days	Simulate flow
BOP Drill ( 2 )	18 Dec 2006	0 Days	Emergency response to flow while RIH
BOPE Test ( 1 )	12 Dec 2006	6 Days	Initial acceptance
Muster Drill ( 2 )	12 Dec 2006	6 Days	Routine drill
Safety Meeting ( 2 )	18 Dec 2006	0 Days	Weekly Crew meeting
Safety Meeting ( 2 )	18 Dec 2006	0 Days	Daily pre tour

**Operations For Period 0000 Hrs to 2400 Hrs on 18 Dec 2006**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	HBHA	0000	0030	0.50	1640m	Rig up to handle BHA and strap new components
PH1	P	HBHA	0030	0300	2.50	1640m	PU and MU New BHA. RIH from Surface 478m.
PH1	P	WOC	0300	0930	6.50	1640m	WOC. Circulate and condition mud in pits
PH1	P	TI	0930	1230	3.00	1640m	RIH hole tag cement at 1622m, lay out excess pipe
PH1	P	DC	1230	1300	0.50	1635m	Drill cement from 1622 to 1635m. Set down 30k on plug. Plug firm
PH1	P	CMD	1300	1500	2.00	1635m	Circulate Hole clean and condition mud, flow check and pump pill
PH1	P	TO	1500	1800	3.00	1635m	POOH from 1635m to 340m. Conduct Drill
PH1	P	RS	1800	1830	0.50	1635m	Replace Drum Clutch throttle to repair air leak
PH1	P	HBHA	1830	2000	1.50	1635m	Cont to POOH from 340 m. Lay out stab from BHA
PH1	P	HT	2000	2400	4.00	1635m	Prepare subs and X-overs for motor. Set bent sub to 1.5 deg

**Operations For Period 0000 Hrs to 0600 Hrs on 19 Dec 2006**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	HBHA	0000	0100	1.00	1635m	M/U Mud motor and function test, calibrate newly install BHI block height encoder.
PH1	P	TI	0100	0200	1.00	1635m	RIH with BHA to jars
PH1	P	SVY	0200	0330	1.50	1635m	Pick up survey barrel and run in hole to rabbit the string and check depth to UBHI. OK
PH1	P	TI	0330	0600	2.50	1635m	Continue to RIH

**WBM Data**

Daily Chemical Costs: \$ 2083				Cost To Date: \$ 15693			Engineer : Peter Aronetz		
Mud Type:	KCl / Polymer	Flowline Temp:	42C°	Cl:	14.50x1000 mg/l	Low Gravity Solids:	4%	Gels 10s	1
Sample From:	below shaker	Nitrates:		Hard/Ca:	500mg/l	High Gravity Solids:	0%	Gels 10m	0
Time:	14:10	Sulphites:	100mg/l	MBT:	10	Solids (corrected):	6%	Fann 003	1
Weight:	9.20ppg	API FL:	12cm³/30m	PM:	1.82	H2O:	94%	Fann 006	1
ECD TD:	9.40ppg	API Cake:	2/32nd"	PF:	0.12	Oil:	0%	Fann 100	8
ECD Shoe:	9.40ppg	PV	14cp	MF:	1.85	Sand:	.25 %	Fann 200	13
Viscosity	44sec/qt	YP	4lb/100ft²	pH:	11	Barite:		Fann 300	18
KCl Equiv:	2%			PHPA Excess:				Fann 600	32

**Comment:** Add soda ash to combat Ca+. Use KCl for weight in slug while tripping.

**Shakers, Volumes and Losses Data**

Available	767.0bbl	Losses	79.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	342.0bbl	Downhole	15.0bbl	De-Gaser 1	Rig		
Hole	419.0bbl	Shakers & Equip.	44.0bbl	De-Sander 1	Pioneer	2 Cones	18
Slug		Dumped	20.0bbl	De-Silter 1	Pioneer	10 Cones	10
Reserve	6.0bbl	Centrifuges	0.0bbl	Shaker 1	DFE	3 X 84	18
Built				Shaker 2	DFE	3 X 84	18

**Bit Data**

**Bit # 1 RR 3**

Size ("):	8.50	IADC#	117	Nozzles	Drilled over last 24 hrs	Calculated over Bit Run
Mfr:	Security DBS	WOB(avg)	klb	3 x 20/(32nd")	Progress	0m
Type:	Rock	RPM(avg)			On Bottom Hrs	0.00
Serial No.:	10858843	RPM (DH)(avg)			IADC Drill Hrs	0.00
Bit Model	EBXSC15	F.Rate	gpm		Total Revs	0
Depth In	1635m	SPP	psi		OB-ROP(avg)	
Depth Out		TFA	0.92	HSI	NaN	0.00ft/hr

Bit Run Comment This is to be run with steering assembly (BHA #4).

**Bit Data**

**Bit # 1RR2**

Size ("):	8.50	IADC#	117	Nozzles	Drilled over last 24 hrs	Calculated over Bit Run
Mfr:	Security DBS	WOB(avg)	klb	3 x 20/(32nd")	Progress	0m
Type:	Rock	RPM(avg)			On Bottom Hrs	0.00
Serial No.:	10858843	RPM (DH)(avg)			IADC Drill Hrs	0.00
Bit Model	EBXSC15	F.Rate	gpm		Total Revs	0
Depth In	1640m	SPP	psi		OB-ROP(avg)	
Depth Out		TFA	0.92	HSI	NaN	0.00ft/hr

Bit Wear Comment Drill cement

Bit Run Comment This was run with BHA #3.

**BHA Data**

**BHA # 3**

Weight(Wet)	Length	179m	Torque(max)	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	String		Torque(Off.Btm)	D.C. (2) Ann Velocity	0fpm
	Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity	0fpm
	Slack-Off		Jar Hours	D.P. Ann Velocity	0fpm
BHA Run Description	Polishing assembly for top of KO plug				

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.27m	8.50in				
Bit Sub	1 x 0.99m	6.50in	2.87in			
String Stabiliser	1 x 1.48m	8.50in	2.87in			
Drill Collar	1 x 9.33m	6.75in	2.88in			
Drill Collar	2 x 9.12m	6.25in	2.88in			
String Stabiliser	1 x 1.48m	8.50in	2.83in			
Drill Collar	6 x 9.12m	6.25in	2.88in			
Drilling Jars	1 x 9.30m	6.25in	2.88in			
Drill Collar	3 x 9.12m	6.25in	2.88in			
HWDP	6 x 9.35m	4.50in	2.93in			
Total Length:	179.27m					

**BHA Data**
**BHA # 4**

Weight(Wet)	41.00klb	Length	185m	Torque(max)	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	23.00klb	String		Torque(Off.Btm)	D.C. (2) Ann Velocity	0fpm
		Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity	0fpm
		Slack-Off		Jar Hours	1	D.P. Ann Velocity

**BHA Run Description**

Steering assembly

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.27m	8.50in	2.75in	10858843		
Mud Motor	1 x 6.50m	6.75in	4.50in	67552042		
X/Over	1 x 0.32m	6.38in	2.75in			
Bit Sub	1 x 0.99m	6.50in	2.12in			
X/Over	1 x 0.26m	6.50in	2.25in			
OBHO	1 x 0.78m	6.25in	2.25in	675-2		
X/Over	1 x 0.41m	6.25in	2.81in			
NMDC	1 x 9.33m	6.75in	2.81in	HOFCO-65		
Drill Collar	8 x 9.05m	6.25in	2.80in			
Drilling Jars	1 x 9.58m	6.25in	2.68in	A248792		
Drill Collar	3 x 9.21m	6.25in	2.81in			
HWDP	6 x 9.35m	4.50in	2.75in			
Total Length:	184.57m					

**Summary**

Company	Pax On
Total on Rig	35