

**Megascolides-1 RE**

<b>Date :</b>	17 Dec 2006	<b>Well Site Manager :</b>	Cesar Miaco	<b>Rig Manager :</b>	Cesar Miaco / Fred Sanchez
<b>Report Number</b>	4	<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:	1760m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1760m	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:	4.00	Liner MD:		LTI Free Days:	204
Datum:	WGS 84	Days On Well:	49.00	Liner TVD:			

Current Ops @ 0600: RIH rotary assembly. WOC.

Planned Operations: Dress cement plug. POOH for directional motor.

**Summary of Period 0000 to 2400 Hrs**

RIH with cement stinger, Mix and place 100m long cement Kick Off plug. POOH make up drilling assembly to Polish TOC

**Well Costs - AFE Number:**

Original AFE:	NaN	Orig & Supp AFE:	NaN	Daily Cost:	\$ 0	Cum. Cost:	\$ 0
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**Operations For Period 0000 Hrs to 2400 Hrs on 17 Dec 2006**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	CMP	0000	0100	1.00	1766m	Clear rig floor and prepare JSA for non routine activity (RIH with tubing for cement stinger).
PH1	P	CMP	0100	0530	4.50	1766m	MU 3 1/2" tubing for cement stinger. RIH on DP to 496 m
PH1	P	SC	0530	0630	1.00	1766m	Hang Blocks and slip 30 foot drilling line; conduct BOP drill.
PH1	P	CMP	0630	1000	3.50	1766m	Cont. RIH from 496m to 1744 m Bottom of proposed cement plug
PH1	P	CMP	1000	1100	1.00	1766m	Conduct tool box meeting. Then rig up Halliburton cementing stand pipe and circulating head.
PH1	P	CMP	1100	1200	1.00	1766m	Circulate to condition BHCT
PH1	P	CMP	1200	1330	1.50	1766m	PTSM. Pump 20bbl drill water, Press Test to 3000 psi for 5 min. Mix and pump 45 bbl 16.8ppg slurry, followed with 2 bbl drill water. Displace with rig pump, 71 bbl (1437 stks)
PH1	P	CMP	1330	1400	0.50	1640m	Rig down circulating head and pull DP from 1744 to 1591 m
PH1	P	CMP	1400	1530	1.50	1640m	Rig Circulating head and circulate 1.5 X BU. 15,000 stokes. Observe well and flow check. Well static.
PH1	P	CMP	1530	2200	6.50	1640m	Lay out 15 joints drill pipe, POOH rack remaining stands. Lay out the cement stinger.
PH1	P	CMP	2200	2400	2.00	1640m	Lay out the NMDC. Pick up bit and bit sub with ported float. MU New BHA.

**Operations For Period 0000 Hrs to 0600 Hrs on 18 Dec 2006**

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	CMP	0000	0500	5.00	1640m	RIH with rotary assembly to Polish TOC plug
PH1	P	WOC	0500	0600	1.00	1640m	Wait on Cement

**WBM Data**

Daily Chemical Costs: \$ 1225				Cost To Date: \$ 13640				Engineer : Peter Aronetz	
Mud Type:	KCl / Polymer	Flowline Temp:	47C°	Cl:	14500mg/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:	15:30	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	826.0bbl	Losses	11.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	282.0bbl	Downhole	0.0bbl	De-Gaser 1	Rig		
Hole	390.0bbl	Shakers & Equip.	0.0bbl	De-Sander 1	Pioneer	2 Cones	18
Slug		Dumped	11.0bbl	De-Silter 1	Pioneer	10 Cones	10
Reserve	154.0bbl	Centrifuges	0.0bbl	Shaker 1	DFE	3 X 84	18
Built	70.0bbl			Shaker 2	DFE	3 X 84	18

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	Cum. Progress	0.0m	
Type:	Rock	RPM(avg)			On Bottom Hrs	0.00	Cum. On Btm Hrs	0.00	
Serial No.:	10858843	RPM (DH)(avg)			IADC Drill Hrs	0.00	Cum IADC Drill Hrs	0.00	
Bit Model	EBXSC15	F.Rate	gpm		Total Revs	0	Cum Total Revs	0	
Depth In	1640m	SPP	psi		OB-ROP(avg)		Cum. OB-ROP(avg)	0.00ft/hr	
Depth Out		TFA	0.92	HSI	NaN				
Bit Run Comment		This is to be run with BHA3							

BHA Data							
BHA # 3							
Weight(Wet)	Length	170m	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	0	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						

Summary			
Company			Pax On
Total on Rig			31