

Megascolides-1 RE

Date :	22 Dec 2006	Well Site Manager :	Cesar Miaco	Rig Manager :	Cesar Miaco / Fred Sanchez
Report Number	9	Drilling Supervisor :	Bruce Pilat	Drilling Company :	Century Drilling Ltd
Easting	402155.9	Northing	5767949.5	Geologist :	Dave Horner

Well Details

Country:	Australia	Current Hole Size:	8.500in	Casing O.D.:	9.625in	Planned TD:	1960m
Field:	Megascolides	Measured Depth:	1881m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1881m	Casing TVD:	508m	FIT/LOT:	/ 16.86ppg
RT - AMSL:	125.20m	24 Hr Progress:	123m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	9.00	Liner MD:		LTI Free Days:	209
Datum:	WGS 84	Days On Well:	57.00	Liner TVD:			

Current Ops @ 0600: P.O.H with 8.5" bit to run core barrel

Planned Operations: P.O.H with 8.5" bit,R.I.H with RTTS & pressure test casing,R.I.H with core barrel

Summary of Period 0000 to 2400 Hrs

Drill 8.5" hole with surveys to core piont,reduce mud weight to 9 ppg,wiper trip,P.O.H

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 ()	22 Dec 2006	0 Days	All on site personnel blow into acholiser
BOP Drill (1)	22 Dec 2006	0 Days	BOP drill conducted in acceptable time
Pre-Tour Meetings (2)	22 Dec 2006	0 Days	drilling ahead,forklift ops,communications

Operations For Period 0000 Hrs to 2400 Hrs on 22 Dec 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	SVY	0000	0030	0.50	1755m	Circulate & run W.L.S @ 1746 m (4dg-N45E)
ST	P	DA	0030	0500	4.50	1805m	Drill 8.5" hole from 1758 m to 1805 m
ST	P	SVY	0500	0530	0.50	1805m	Circulate & run W.L.S @ 1791 m (miss run)
ST	P	DA	0530	0630	1.00	1814m	Drill 8.5" hole from 1805 m to 1814 M
ST	P	SVY	0630	0700	0.50	1814m	Circulate & run W.L.S @ 1802 m (miss run)
ST	P	DA	0700	0830	1.50	1833m	Drill 8.5" hole from 1814 m to 1833 m
ST	P	DA	0830	0900	0.50	1833m	Circulate & run W.L.S @ 1819 m (4dg-62 az)
ST	P	DA	0900	1230	3.50	1850m	Drill ahead with 8.5" bit from 1833 m to 1850 m
ST	P	WTH	1230	1330	1.00	1850m	Work tight hole on connection,drill string stuck, jar free & work pipe,pump 30 bbl Hi-Vis sweep,Continue to clean hole
ST	P	DA	1330	1630	3.00	1881m	Drill ahead with 8.5" hole from 1850 m to 1881 m (core piont)
ST	P	CMD	1630	2100	4.50	1881m	circulate & condition mud (reduce mud weight to 9 ppg as per directions)
ST	P	WT	2100	2400	3.00	1881m	P.O.H wiper trip from 1881 m to 1635 m (KOPP

Operations For Period 0000 Hrs to 0600 Hrs on 23 Dec 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	RW	0000	0100	1.00	1881m	Wash from 1872 m to 1881 m (no fill),pump 25 bbl Hi-Vis sweep & circulate out
ST	P	SVY	0100	0130	0.50	1881m	Run W.L.S @ 1869 m (4dg-N52E)
ST	P	TO	0130	0600	4.50	1881m	P.O.H with 8.5" bit to pick up core barrel

WBM Data

Daily Chemical Costs: \$ 4241				Cost To Date: \$ 25091				Engineer : Peter N Aronetz			
Mud Type:	KCI / Polymer	Flowline Temp:	46C°	Cl:	11.00x1000 mg/l	Low Gravity Solids:	4%	Gels 10s		0	
Sample From:	Suction Tank	Nitrates:	0mg/l	Hard/Ca:	280mg/l	High Gravity Solids:	0%	Gels 10m		1	
Time:	23:55	Sulphites:	25mg/l	MBT:	7	Solids (corrected):	4%	Fann 003		0	
Weight:	8.95ppg	API FL:	7cm³/30m	PM:	1.6	H2O:	96%	Fann 006		1	
ECD TD:	9.08ppg	API Cake:	1/32nd"	PF:	0.17	Oil:	0%	Fann 100		11	
ECD Shoe:	9.08ppg	PV	14cp	MF:	1.32	Sand:	TRC %	Fann 200		18	
Viscosity	46sec/qt	YP	9lb/100ft²	pH:	10	Barite:	0	Fann 300		23	
KCl Equiv:	2%			PHPA Excess:	0ppb			Fann 600		37	

Comment: Receive orders to reduce fluid density to 9.0ppg. Dump 25% of existing system, make up 290bbbls new volume, using 2ppb PAC-R; add to remaining fluid, reduce WT to just below 9.0ppg. Prepare 2nd XTRA SWEEP.

Shakers, Volumes and Losses Data

Available	885.0bbl	Losses	309.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	409.0bbl	Downhole	0.0bbl	De-Gaser 1	Rig		0
Hole	400.0bbl	Shakers & Equip.	65.0bbl	De-Sander 1	Pioneer	2 Cones	21
Slug		Dumped	230.0bbl	De-Silter 1	Pioneer	10 Cones	18
Reserve	76.0bbl	Centrifuges		Shaker 1	DFE	2x140, 1x84	24
		De-sander	14.0bbl	Shaker 2	DFE	2x140, 1x84	24
Built	370.0bbl						

Bit Data

Bit # 1 RR 3				Wear	I	O1	D	L	B	G	O2	R
				1	1		NO	A	3	I	NO	BHA
Size ("):	8.50	IADC#	117	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	Security DBS	WOB(avg)	1.00klb	3 x 20(/32nd")		Progress	0m	Cum. Progress		26.0m		
Type:	Rock	RPM(avg)	0			On Bottom Hrs	0.00	Cum. On Btm Hrs		48.00		
Serial No.:	10858843	RPM (DH)(avg)	125			IADC Drill Hrs	0.00	Cum IADC Drill Hrs		48.00		
Bit Model	EBXSC15	F.Rate	250gpm			Total Revs	180000	Cum Total Revs		720000		
Depth In	1635m	SPP	700psi			OB-ROP(avg)		Cum. OB-ROP(avg)		0.54ft/hr		
Depth Out		TFA	0.92	HSI 14265530787.97								
Bit Run Comment				This is to be run with steering assembly (BHA #4).								

Bit Data

Bit # 4				Wear	I	O1	D	L	B	G	O2	R
												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	123m	Cum. Progress		219.0m		
Type:	PDC	RPM(avg)	130			On Bottom Hrs	14.00	Cum. On Btm Hrs		22.00		
Serial No.:	10881881	RPM (DH)(avg)	130			IADC Drill Hrs	22.00	Cum IADC Drill Hrs		31.00		
Bit Model	FM3553	F.Rate	320gpm			Total Revs	67030	Cum Total Revs		129312		
Depth In	1659m	SPP	850psi			OB-ROP(avg)	8.79ft/hr	Cum. OB-ROP(avg)		9.95ft/hr		
Depth Out	1881m	TFA		HSI NaN								

BHA Data

BHA # 5

Weight(Wet)	Length	180m	Torque(max)	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	String	148000.00klb	Torque(Off.Btm)	D.C. (2) Ann Velocity	0fpm
	Pick-Up	156000.00klb	Torque(On.Btm)	H.W.D.P. Ann Velocity	0fpm
	Slack-Off	142000.00klb	Jar Hours	D.P. Ann Velocity	0fpm
			22.5		

BHA Run Description Packed drilling assembly

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.28m	8.50in		10881881		
Near Bit Stab	1 x 1.87m	6.25in	2.45in			
NMDC	1 x 9.33m	6.75in	2.45in	hofco-65		
String Stabiliser	1 x 1.48m	6.25in	2.45in			
Drill Collar	1 x 9.06m	6.25in	2.45in			
Drill Collar	1 x 9.33m	6.25in	2.45in			
String Stabiliser	1 x 1.44m	6.25in	2.45in			
Drill Collar	1 x 54.09m	6.25in	2.45in			
Drilling Jars	1 x 9.58m	6.25in	2.59in			
Drill Collar	1 x 27.38m	6.25in	2.78in			
HWDP	1 x 56.10m	4.50in	2.90in			
Total Length:	179.94m					

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	2
Sperry Sun	1
Century Drilling Ltd	26
RMN Drilling Fluids	1
BHI	2
Eurest	3
Corpro Systems Ltd	1
Total on Rig	36

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.			