

Megascolides-1 RE

Date :	21 Dec 2006	Well Site Manager :	Cesar Miaco / Wayne Crosswaite	Rig Manager :	Cesar Miaco / Fred Sanchez
Report Number	8	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:	1758m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1758m	Casing TVD:	508m	FIT/LOT:	/ 16.86ppg
RT - AMSL:	125.20m	24 Hr Progress:	96m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	8.00	Liner MD:		LTI Free Days:	208
Datum:	WGS 84	Days On Well:	56.00	Liner TVD:			

Current Ops @ 0600: Drill ahead with 8.5" to 1808 m

Planned Operations: Drill ahead with 8.5" bit

Summary of Period 0000 to 2400 Hrs

run in hole with Pdc bit to 1659 m,drill ahead with surveys

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 ()	21 Dec 2006	0 Days	All on site personnel blow into acholiser
Pre-Tour Meetings (2)	21 Dec 2006	0 Days	Laying out drill pipe,using elevators

Operations For Period 0000 Hrs to 2400 Hrs on 21 Dec 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	TO	0000	0200	2.00	1659m	Pull out of hole with kick off assembly
ST	P	HT	0200	0300	1.00	1659m	Service HOFKO motor as per instructions, break out bit
ST	P	TI	0300	0700	4.00	1659m	Pick up & make up bit # 2 and BHA # 2, run in hole to 497 m (fill up pipe)
ST	P	SC	0700	0900	2.00	1659m	slip & cut drilling line,reset instrument recorders,rig service
ST	P	TI	0900	1300	4.00	1659m	Continue to run in hole with bit # 2 to 1645 m (fill up pipe @ 1000m)
ST	P	RW	1300	1330	0.50	1659m	Break circulation & wash from 1645 m to 1659 m (no fill)
ST	P	DA	1330	1930	6.00	1711m	Drill ahead with 8.5" bit from 1659 m to 1711 m
ST	P	SVY	1930	2000	0.50	1711m	Circulate & run survey @ 1693 m
ST	P	DA	2000	2400	4.00	1755m	Continue to drill ahead with 8.5" hole from 1711 m to 1755 m

Operations For Period 0000 Hrs to 0600 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	0600	0.50	1808m	Drill 8.5" hole from 1805 m to 1808 m

WBM Data

Daily Chemical Costs: \$ 921				Cost To Date: \$ 20850			Engineer : Peter N Aronetz		
Mud Type:	KCl / Polymer	Flowline Temp:	46C°	Cl:	21.50x1000 mg/l	Low Gravity Solids:	6%	Gels 10s	1
Sample From:	below shaker	Nitrates:	0mg/l	Hard/Ca:	280mg/l	High Gravity Solids:	0%	Gels 10m	2
Time:	23:00	Sulphites:	250mg/l	MBT:	11	Solids (corrected):	6%	Fann 003	1
Weight:	9.35ppg	API FL:	8cm³/30m	PM:	2.68	H2O:	94%	Fann 006	2
ECD TD:	9.53ppg	API Cake:	1/32nd"	PF:	0.55	Oil:	0%	Fann 100	14
ECD Shoe:	9.53ppg	PV	20cp	MF:	2.6	Sand:	.75 %	Fann 200	23
Viscosity	52sec/qt	YP	11lb/100ft²	pH:	12.5	Barite:	0	Fann 300	31
KCl Equiv:	4%			PHPA Excess:	Oppb			Fann 600	51

Comment: Maintain fluid properties with additions of PAC-R, Sodium Sulphite + Biocide. Adding Soda Ash to reduce Ca+Mg level.
No fluid addition last 24 hours.
Start phasing in XANTHAN GUM to improve Low-End rheology.

Shakers, Volumes and Losses Data

Available	824.0bbl	Losses	16.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	442.0bbl	Downhole	2.0bbl	De-Gaser 1	Rig		
Hole	374.0bbl	Shakers & Equip.	0.0bbl	De-Sander 1	Pioneer	2 Cones	8
Slug		Dumped	10.0bbl	De-Silter 1	Pioneer	10 Cones	0
Reserve	8.0bbl	Centrifuges		Shaker 1	DFE	2x140, 1x84	24
		De-sander	4.0bbl	Shaker 2	DFE	2x140, 1x84	24
Built							

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		540000		
Depth In	1635m	SPP	700psi			OB-ROP(avg)		Cum. OB-ROP(avg)		0.54ft/hr		
Depth Out		TFA	0.92	HSI 14903096409.78								
Bit Run Comment				This is to be run with steering assembly (BHA #4).								

Bit Data

Bit # 4				Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Size ("):	8.50	IADC#		5 x 11(/32nd")		Progress	96m	Cum. Progress		96.0m		
Mfr:	Security DBS	WOB(avg)	15.00klb			On Bottom Hrs	8.00	Cum. On Btm Hrs		8.00		
Type:	PDC	RPM(avg)	130			IADC Drill Hrs	9.00	Cum IADC Drill Hrs		9.00		
Serial No.:	10881881	RPM (DH)(avg)	130			Total Revs	62282	Cum Total Revs		62282		
Bit Model	FM3553	F.Rate	320gpm			OB-ROP(avg)	12.00ft/hr	Cum. OB-ROP(avg)		12.00ft/hr		
Depth In	1659m	SPP	850psi									
Depth Out		TFA		HSI	NaN							

BHA Data

BHA # 4

Weight(Wet)	41.00klb	Length	185m	Torque(max)	D.C. (1) Ann Velocity	185fpm
Wt Below Jar(Wet)	23.00klb	String	133.00klb	Torque(Off.Btm)	D.C. (2) Ann Velocity	185fpm
		Pick-Up	133.00klb	Torque(On.Btm)	H.W.D.P. Ann Velocity	118fpm
		Slack-Off	131.00klb	Jar Hours	D.P. Ann Velocity	118fpm

BHA Run Description Steering assembly

BHA Run Comment Sliding

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.27m	8.50in	2.75in	10858843	24	
Mud Motor	1 x 6.50m	6.75in	4.50in	67552042	24	
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					

BHA Data

BHA # 5

Weight(Wet)	Length	180m	Torque(max)	16000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	String	138000.00klb	Torque(Off.Btm)	2000ft-lbs	D.C. (2) Ann Velocity	0fpm
	Pick-Up	140000.00klb	Torque(On.Btm)	14000ft-lbs	H.W.D.P. Ann Velocity	0fpm
	Slack-Off	135000.00klb	Jar Hours		D.P. Ann Velocity	0fpm

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
1635.00	2.7	94.1	1633.72	32.3	0.1	-17.6	49.9	MSS
1644.00	3.0	72.0	1642.71	32.7	3.8	-17.6	50.4	MSS
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

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.			