

Megascolides-1 RE

Date :	25 Dec 2006	Well Site Manager :	Cesar Miaco	Rig Manager :	Cesar Miaco / Fred Sanchez
Report Number	12	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:	1908m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1908m	Casing TVD:	508m	FIT/LOT:	/ 16.86ppg
RT - AMSL:	125.20m	24 Hr Progress:	13m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	12.00	Liner MD:		LTI Free Days:	212
Datum:	WGS 84	Days On Well:	60.00	Liner TVD:			

Current Ops @ 0600: Drill 8.5" hole to 1958 m
 Planned Operations: Drill 8.5" hole to TD,wiper trip & clean hole,pull out of hole to log

Summary of Period 0000 to 2400 Hrs

Cut core number 2,pull out of hole with core barrel,retrieve core,run in hole with PDC bit & packed assembly

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 ()	25 Dec 2006	0 Days	All on site personnel blow into acholiser
BOP Drill (2)	25 Dec 2006	0 Days	BOP drill conducted in acceptable time
Pre-Tour Meetings (2)	25 Dec 2006	0 Days	tripping,handle tools,laying out core tubes

Operations For Period 0000 Hrs to 2400 Hrs on 25 Dec 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	COR	0000	0600	6.00	1895m	Cut core # 2 from 1889 m to 1895 m
ST	P	TO	0600	1200	6.00	1895m	Pull out of hole with core # 2
ST	P	HT	1200	1330	1.50	1895m	Retrieve core # 2 from barrel (1887.6m to 1892.6 m,83.5%) layout core barrel and assorted coring equipment
ST	P	RS	1330	1400	0.50	1895m	Rig service
ST	P	TI	1400	1630	2.50	1895m	Pick up & make 8.5" pdc bit and packed drilling assembly,Run in hole to casing shoe,fill up pipe
ST	P	TI	1630	2130	5.00	1895m	Continue to run in hole to 1877m (fill up pipe @ 1180 m)
ST	P	DA	2130	2400	2.50	1908m	Drill 8.5" hole from 1895 m to 1908 m

Operations For Period 0000 Hrs to 0600 Hrs on 26 Dec 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	DA	0000	0600	6.00	1958m	Drill 8.5" hole from 1908 m to 1958 m

WBM Data

Daily Chemical Costs: \$ 2805				Cost To Date: \$ 29950				Engineer : Peter N Aronetz	
Mud Type:	KCl / Polymer	Flowline Temp:	39C°	Cl:	10800.00x1000 mg/l	Low Gravity Solids:	4%	Gels 10s	0
Sample From:	Below Shaker	Nitrates:	0mg/l			High Gravity Solids:	0%	Gels 10m	1
Time:	22:15	Sulphites:	150mg/l	Hard/Ca:	120mg/l	Solids (corrected):	4%	Fann 003	0
Weight:	9.00ppg	API FL:	6cm³/30m	MBT:	9	H2O:	96%	Fann 006	1
ECD TD:	9.14ppg	API Cake:	1/32nd"	PM:	1.25	Oil:	0%	Fann 100	10
ECD Shoe:	9.14ppg	PV	13cp	PF:	0.18	Sand:	0.15 %	Fann 200	17
Viscosity	48sec/qt	YP	9lb/100ft²	MF:	1.28	Barite:	0	Fann 300	22
KCl Equiv:	2%			pH:	10			Fann 600	35
				PHPA Excess:	0ppb				

Comment: Maintain fluid properties, with a view to increase low-end rheology. Water additions augmented by intermittent, exceptionally heavy rain.

Shakers, Volumes and Losses Data							
Available	936.0bbl	Losses	30.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	426.0bbl	Downhole	0.0bbl	De-Gaser 1	Rig		0
Hole	406.0bbl	Shakers & Equip.	11.0bbl	De-Sander 1	Pioneer	2 Cones	10
Slug		Dumped	0.0bbl	De-Silter 1	Pioneer	10 Cones	10
Reserve	104.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	18
		De-Sander	19.0bbl	Shaker 2	DFE	2x175, 1x140	18
Built	90.0bbl						

Comment: Maintain fluid properties, with a view to increase low-end rheology.
Water additions augmented by intermittent, exceptionally heavy rain.

Bit Data											
Bit # 6			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)	11.00klb		Progress	0m	Cum. Progress	8.0m			
Type:		RPM(avg)	90		On Bottom Hrs	NaN	Cum. On Btm Hrs	4.00			
Serial No.:	8492c	RPM (DH)(avg)	90		IADC Drill Hrs	NaN	Cum IADC Drill Hrs	6.00			
Bit Model	MCP662	F.Rate	200gpm		Total Revs		Cum Total Revs	36155			
Depth In	1881m	SPP	850psi		OB-ROP(avg)		Cum. OB-ROP(avg)	2.00ft/hr			
Depth Out	1890m	TFA		HSI	NaN						

Bit Data											
Bit # 4RR			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	13m	Cum. Progress	13.0m			
Type:	PDC	RPM(avg)	130		On Bottom Hrs	2.00	Cum. On Btm Hrs	2.00			
Serial No.:	10881881	RPM (DH)(avg)	130		IADC Drill Hrs	2.00	Cum IADC Drill Hrs	2.00			
Bit Model	FM3553	F.Rate	320gpm		Total Revs	14010	Cum Total Revs	14010			
Depth In	1895m	SPP	850psi		OB-ROP(avg)	6.50ft/hr	Cum. OB-ROP(avg)	6.50ft/hr			
Depth Out		TFA		HSI	NaN						

BHA Data					
BHA # 6					
Weight(Wet)	48000.00klb	Length	186m	Torque(max)	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	35000.00klb	String	151000.00klb	Torque(Off.Btm)	D.C. (2) Ann Velocity
		Pick-Up	155000.00klb	Torque(On.Btm)	H.W.D.P. Ann Velocity
		Slack-Off	125000.00klb	Jar Hours	D.P. Ann Velocity
BHA Run Description	coring				

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.37m	8.50in		8492		
Stab	1 x 0.76m	7.50in	5.88in	W0137183		
Core Barrel	1 x 5.33m	7.12in	5.88in	W0135209		
Stab	1 x 0.76m	7.50in	5.88in	W0137219		
Core Barrel	1 x 5.33m	7.12in	5.88in	W0135137		
Stab	1 x 0.76m	7.50in	5.88in	W0137204		
Core Barrel	1 x 5.33m	7.12in	5.88in	728015		
Stab	1 x 0.76m	7.50in	5.88in	W0137028		
Core Barrel	1 x 0.61m	7.12in	5.85in			
Drill Collar	1 x 72.48m	6.25in	6.94in			
Drilling Jars	1 x 9.58m	6.25in	2.62in			
Drill Collar	1 x 27.38m	6.25in	6.94in			
HWDP	1 x 56.10m	4.50in	2.94in			
Total Length:	185.55m					

BHA Data

BHA # 5

Weight(Wet)	48000.00klb	Length	180m	Torque(max)	12000ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	36000.00klb	String	148000.00klb	Torque(Off.Btm)	5000ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	156000.00klb	Torque(On.Btm)	10000ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	142000.00klb	Jar Hours	22.5	D.P. Ann Velocity	0fpm

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	3
Century Drilling Ltd	20
RMN Drilling Fluids	1
BHI	2
ACS Laboratories	1
Eurest	3
Corpro Systems Ltd	1
Total on Rig	31

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	730	160	1897		1. 70	120	126	
										2. 90	220	168	
2	Gardner Denver	5.50		97	76	730	160	1897		1. 70	120	126	
										2. 90	220	168	
3	Gardner Denver	5.50		97						1.			
										2.			