

Megascolides-1 RE

Date :	23 Dec 2006	Well Site Manager :	Cesar Miaco	Rig Manager :	Cesar Miaco / Fred Sanchez
Report Number	10	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:	1890m	Casing MD:	508m	Last BOP Test:	12 Dec 2006
Rig:	Century 11	True Vertical Depth:	1890m	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:	10.00	Liner MD:		LTI Free Days:	210
Datum:	WGS 84	Days On Well:	58.00	Liner TVD:			

Current Ops @ 0600: P.O.H with core barrel
 Planned Operations: Pull out of hole with core barrel, recover core, drill ahead with 8.5" hole

Summary of Period 0000 to 2400 Hrs

P.O.H with 8.5" bit, pressure test casing to 2500 psi, make up & run in hole with core barrel, cut core

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

Operations For Period 0000 Hrs to 2400 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	0730	6.00	1881m	P.O.H with 8.5" bit to pick up core barrel
ST	P	HBHA	0730	0800	0.50	1881m	Lay down NMDC, NBS, 2 x String Stabs
ST	P	HT	0800	0830	0.50	1881m	Pick up & make up RTTS packer assembly
ST	P	TI	0830	1030	2.00	1881m	R.I.H with RTTS packer to 467 m
ST	P	PT	1030	1130	1.00	1881m	Set packer on Depth @ 467 m, pressure test casing to 2500 psi for 15 min "ok"
ST	P	TO	1130	1300	1.50	1881m	Unset packer, P.O.H with RTTS assembly, break & layout
ST	P	COR	1300	1330	0.50	1881m	House keep drill floor, hold pre job safety meeting prior to picking up core barrel
ST	P	COR	1330	1500	1.50	1881m	Pick up & make up core barrel
ST	P	TI	1500	2200	7.00	1881m	Run in hole with core barrel to 1858 m
ST	P	TI	2200	2330	1.50	1881m	Wash from 1858 m to 1881 m
ST	P	TI	2330	2400	0.50	1881m	Space out, circulate bottoms up

Operations For Period 0000 Hrs to 0600 Hrs on 24 Dec 2006

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
ST	P	COR	0000	0430	4.50	1890m	Drop ball, Cut core # 1 from 1881 m to 1889.9 m (barrel jamed)
ST	P	TO	0430	0600	1.50	1890m	Pull out of hole with core # 1 (tight hole, pump out from 1889.9m to 1868 m)

WBM Data

Daily Chemical Costs: \$ 0		Cost To Date: \$ 25091			Engineer : Peter N Aronetz				
Mud Type:	KCl / Polymer	Flowline Temp:	38C°	Cl:	12.10x1000 mg/l	Low Gravity Solids:	3%	Gels 10s	0
Sample From:	Suction Tank	Nitrates:	0mg/l	Hard/Ca:	480mg/l	High Gravity Solids:	0%	Gels 10m	1
Time:	23:50	Sulphites:	50mg/l	MBT:	12	Solids (corrected):	3%	Fann 003	0
Weight:	8.95ppg	API FL:	7cm³/30m	PM:	1.34	H2O:	97%	Fann 006	1
ECD TD:	9.03ppg	API Cake:	1/32nd"	PF:	0.08	Oil:	0%	Fann 100	9
ECD Shoe:	9.03ppg	PV	12cp	MF:	1.25	Sand:	0.1 %	Fann 200	14
Viscosity	44sec/qt	YP	8lb/100ft²	pH:	9.5	Barite:	0	Fann 300	20
KCl Equiv:	3%			PHPA Excess:	Oppb			Fann 600	32

Comment: Change shaker screens to 2x175, 1x140; overhaul mixing pump.
No volume additions made or chemicals used last 24 hours.

Shakers, Volumes and Losses Data

Available	844.0bbl	Losses	42.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	404.0bbl	Downhole	3.0bbl	De-Gaser 1	Rig		0
Hole	400.0bbl	Shakers & Equip.	2.0bbl	De-Sander 1	Pioneer	2 Cones	2
Slug		Dumped	35.0bbl	De-Silter 1	Pioneer	10 Cones	2
Reserve	40.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	12
		De-sander	2.0bbl	Shaker 2	DFE	2x175, 1x140	12
Built	0.0bbl						

Comment: No volume additions made or chemicals used last 24 hours.

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)	klb			Progress	m	Cum. Progress		0.0m		
Type:		RPM(avg)				On Bottom Hrs	NaN	Cum. On Btm Hrs		0.00		
Serial No.:	8492c	RPM (DH)(avg)				IADC Drill Hrs	NaN	Cum IADC Drill Hrs		0.00		
Bit Model	MCP662	F.Rate	gpm			Total Revs		Cum Total Revs		0		
Depth In	1881m	SPP	psi			OB-ROP(avg)		Cum. OB-ROP(avg)		0.00ft/hr		
Depth Out	1890m	TFA		HSI	NaN							

Bit Data

Bit # 4				Wear	I	O1	D	L	B	G	O2	R
					0	0	NO	FC	X	I	NO	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	0m	Cum. Progress		219.0m		
Type:	PDC	RPM(avg)	130			On Bottom Hrs	0.00	Cum. On Btm Hrs		22.00		
Serial No.:	10881881	RPM (DH)(avg)	130			IADC Drill Hrs	0.00	Cum IADC Drill Hrs		31.00		
Bit Model	FM3553	F.Rate	320gpm			Total Revs	67030	Cum Total Revs		196342		
Depth In	1659m	SPP	850psi			OB-ROP(avg)		Cum. OB-ROP(avg)		9.95ft/hr		
Depth Out		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	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					

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					

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
Eurest	3
Corpro Systems Ltd	1
Total on Rig	30

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.			