

Megascolides-2

Date :	29 Jan 2007	Well Site Manager :	Bruce Pilat	Rig Manager :	Cesar Miaco
Report Number	32	Drilling Supervisor :	Bruce Pilat / Brian Assels	Drilling Company :	Century Drilling Ltd
Easting	403212	Northing	5767583	Geologist :	Dave Horner

Well Details

Country:	Australia	Current Hole Size:	8.500in	Casing O.D.:	9.625in	Planned TD:	2170m
Field:	Megascolides	Measured Depth:	2065m	Casing MD:	507m	Last BOP Test:	29 Jan 2007
Rig:	Century 11	True Vertical Depth:	2061m	Casing TVD:	507m	FIT/LOT:	20.00ppg /
RT - AMSL:	156.20m	24 Hr Progress:	3m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	25.42	Liner MD:		LTI Free Days:	250
Datum:	WGS 84	Days On Well:	31.31	Liner TVD:			

Current Ops @ 0600: Drill ahead at 2068m.
 Planned Operations: Drill 8-1/2" hole to TD. POH, log well.

Summary of Period 0000 to 2400 Hrs

Drill 8-1/2" hole to 2065m. Drop survey and POH. Test BOP's. RIH Bit #7.

Well Costs - AFE Number:

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 67,485	Cum. Cost:	\$ 2,405,193
Projected Cost:	\$ 3,139,256						

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	29 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Pre-Tour Meetings (2)	29 Jan 2007	0 Days	Blow out prevention drills & Review old safety alerts

Operations For Period 0000 Hrs to 2400 Hrs on 29 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0600	6.00	2065m	Drill 8-1/2" hole f/ 2062m to 2065m.
PH1	P	TO	0600	1300	7.00	2065m	Drop survey,slug pipe and P.O.H for bit change.
PH1	P	HBHA	1300	1400	1.00	2065m	Handle BHA. Recover survey. LO bit #6. Pull wear bushing.
PH1	P	PT	1400	1600	2.00	2065m	Install test plug. Press test BOP's as per Karoon Gas specs. BO and LO test plug.
PH1	P	HBHA	1600	1700	1.00	2065m	Install wear bushing. MU Bit #7.
PH1	P	TI	1700	2000	3.00	2065m	RIH with Bit #7 to shoe. Fill pipe.
PH1	P	SC	2000	2030	0.50	2065m	Slip drilling line.
PH1	P	TI	2030	2400	3.50	2065m	Con't RIH. Fill pipe at 1000m, & 1500m.

Operations For Period 0000 Hrs to 0600 Hrs on 30 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	TI	0000	0100	1.00	2065m	Con't RIH f/ 1651m to 2049m.
PH1	P	WCU	0100	0300	2.00	2065m	PU kelly, wash and ream 2040m - 2065m. (1m hard fill on bottom)
PH1	P	DA	0300	0600	3.00	2068m	Drill 8-1/2" hole f/ 2065 m to 2068m.

WBM Data

Daily Chemical Costs: \$ 1187		Cost To Date: \$ 55260			Engineer : Peter N Aronetz	
Mud Type: KCI-PHPA-POLYMER	Flowline Temp: 56C°	Cl: 9.80x1000 mg/l	Low Gravity Solids: 6.0%	Gels 10s	3	
Sample From: Past Shaker	Nitrates: 0mg/l	Hard/Ca: 140mg/l	High Gravity Solids: 0.0%	Gels 10m	4	
Time: 06:15	Sulphites: 200mg/l	MBT: 5	Solids (corrected): 6.0%	Fann 003	3	
Weight: 9.25ppg	API FL: 5.8cm³/30m	PM: 0.32	H2O: 94.0%	Fann 006	5	
ECD TD: 9.69ppg	API Cake: 1/32nd"	PF: 0.05	Oil: 0.0%	Fann 100	23	
ECD Shoe:	PV 19cp	MF: 0.8	Sand: 0.25% %	Fann 200	34	
Viscosity 55sec/qt	YP 23lb/100ft²	pH: 9.5	Barite: 0	Fann 300	42	
KCl Equiv: 1.6%	CaCO3 Added: 30.9ppb	PHPA Added: 2.00ppb		Fann 600	61	

Comment: Start small water addition at flow-line to assist with density control. Prepare heavy pill, using calcium Carbonate.

Shakers, Volumes and Losses Data

Available	1008.0bbl	Losses	33.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	566.0bbl	Downhole	3.0bbl	De-Gaser 1	Rig		0
Hole	434.0bbl	Shakers & Equip.	10.0bbl	De-Sander 1	Pioneer	2 Cones	6
Slug		Dumped	5.0bbl	De-Silter 1	Pioneer	10 Cones	6
Reserve	8.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	18
		De-Sander	8.0bbl	Shaker 2	DFE	2x175, 1x140	18
		De-Silter	7.0bbl				
Built	25.0bbl						

Comment: Mud tank levels recorded with bit back on bottom after trip for NB7

Bit Data

Bit # RR6				Wear	I	O1	D	L	B	G	O2	R
				1	1	1	CT	N	X	I	NO	PR
Size ("):	8.50	IADC#		Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	Security DBS	WOB(avg)	18.00klb	6 x 11(/32nd")		Progress	3m	Cum. Progress	47.0m			
Type:	PDC	RPM(avg)	70			On Bottom Hrs	5.00	Cum. On Btm Hrs	17.00			
Serial No.:	10825011	RPM (DH)(avg)	70			IADC Drill Hrs	6.00	Cum IADC Drill Hrs	21.00			
Bit Model	SE3653	F.Rate	300gpm			Total Revs	20500	Cum Total Revs	88500			
Depth In	2018m	SPP	2250psi			OB-ROP(avg)	0.60m/hr	Cum. OB-ROP(avg)	2.76m/hr			
Depth Out	2065m	TFA		HSI								

Bit Data

Bit # 7				Wear	I	O1	D	L	B	G	O2	R
				1	1	1	CT	N	X	I	NO	PR
Size ("):	8.50	IADC#	447	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	Security DBS	WOB(avg)	klb	3 x 13(/32nd")		Progress	0m	Cum. Progress	0.0m			
Type:	Rock	RPM(avg)				On Bottom Hrs	0.00	Cum. On Btm Hrs	0.00			
Serial No.:	743418	RPM (DH)(avg)				IADC Drill Hrs	0.00	Cum IADC Drill Hrs	0.00			
Bit Model	EBXS16D	F.Rate	gpm			Total Revs	0	Cum Total Revs	0			
Depth In	2065m	SPP	psi			OB-ROP(avg)		Cum. OB-ROP(avg)	0.00m/hr			
Depth Out		TFA		HSI								

BHA Data

BHA # 4							
Weight(Wet)	49.00klb	Length	245m	Torque(max)	200ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	35.00klb	String	165.00klb	Torque(Off.Btm)	60ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	175.00klb	Torque(On.Btm)	100ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	160.00klb	Jar Hours	442	D.P. Ann Velocity	0fpm

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.23m	8.50in		743418		
Near Bit Stab	1 x 1.61m	8.50in	2.94in	S6527	330.5	
Pony DC	1 x 3.06m	6.25in	2.88in	6510-3		
String Stabiliser	1 x 1.44m	8.50in	2.81in	6527	330.5	
NMDC	1 x 9.32m	6.75in	2.81in	H362	330.5	
Drill Collar	1 x 9.23m	6.50in	3.00in	E 436		
String Stabiliser	1 x 1.48m	8.50in	2.81in	S 65	330.5	
Drill Collar	14 x 9.02m	6.25in	3.00in			
Drilling Jars	1 x 9.58m	6.25in	3.00in		442	
Drill Collar	3 x 9.01m	6.25in	3.00in			
HWDP	6 x 9.35m	4.50in	2.94in			
Total Length:	245.36m					

Survey

MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (deg)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
1812.00	2.25	44.00	1809.19	77.87	0.34	77.87	-29.84	Hofco single shot
1915.00	3.75	72.00	1912.05	80.37	0.60	80.37	-25.23	Totco single shot
2009.00	6.75	55.00	2005.65	84.49	1.07	84.49	-17.78	Totco single shot
2055.00	8.50	63.00	2051.25	87.58	1.33	87.58	-12.54	Totco single shot

Summary

Company	Pax On
Karoon Gas Ltd	4
Century Drilling Ltd	22
RMN Drilling Fluids	1
BHI	2
Eurest	3
Total on Rig	32

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
AMC Biocide G	25L can	0	0	0	17.0
AMC Defoamer	25L can	0	0	0	15.0
AMC PAC-R	25kg sack	0	0	0	55.0
AMC PHPA	25kg sack	0	0	0	27.0
AUS-BEN	25kg sack	0	0	0	0.0
AUS-DEX	25kg sack	0	0	0	96.0
AUS-GEL	25kg sack	0	0	0	251.0
Baryte	25kg sack	0	0	0	456.0
CaCl	25kg sack	0	0	0	0.0
Caustic Soda	25kg pail	0	0	0	9.0
Citric Acid	25kg sack	0	0	0	38.0
Cement - Class A	40kg sack	0	0	0	0.0
Kwik-seal C	40lb sack	0	0	0	32.0
Kwik-seal F	40lb sack	0	0	0	32.0
Kwik-seal M	40lb sack	0	0	0	32.0
Lime	20kg sack	0	0	0	10.0
KCl	25kg sack	0	18	0	198.0
Rod-free 205L	205L drum	0	0	0	1.0
Rod-free 25L	25L can	0	0	0	0.0
NaCl	25kg sack	0	0	0	0.0
SAPP	25kg sack	0	0	0	0.0
Soda Ash	25kg sack	0	1	0	21.0
Sodium Sulfite	25kg sack	0	1	0	18.0
Xanthan Gum	25kg sack	0	0	0	26.0
Xtra-sweep	12lb box	0	0	0	8.0
Diesel fuel	lt	0	2140	0	7,460.0
Calcium Carbonate 40µ	25 kg sacks	0	66	0	576.0

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	G.D. PZ-7	5.50		97	107	2050	215	2058		1.	80	920	147
										2.	100	1280	280
2	G.D PZ-7	5.50		97	107	2050	215	2058		1.	80	840	147
										2.	100	1200	280
3	G.D PZ-7	5.50		97						1.			
										2.			