

Megascolides-2

Date :	12 Jan 2007	Well Site Manager :	Chris Dann	Rig Manager :	Agus Nugroho
Report Number	15	Drilling Supervisor :	Chris Dann	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:	1850m
Field:	Megascolides	Measured Depth:	651m	Casing MD:	507m	Last BOP Test:	10 Jan 2007
Rig:	Century 11	True Vertical Depth:	651m	Casing TVD:	507m	FIT/LOT:	20.00ppg /
RT - AMSL:	156.20m	24 Hr Progress:	141m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	8.42	Liner MD:		LTI Free Days:	233
Datum:	WGS 84	Days On Well:	14.33	Liner TVD:			

Current Ops @ 0600: Circulate for deviation survey at 717m

Planned Operations: Continue to drill 8 1/2" hole - run deviation surveys

Summary of Period 0000 to 2400 Hrs

Calibrate PVT system, Pressure test casing, Drill shoe track and 3m of new hole, Conduct FIT to 20.0ppg EMW, Drill 8 1/2" hole to 651m

Well Costs - AFE Number:

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 81,385	Cum. Cost:	\$ 1,178,523
Projected Cost:	\$ 2,839,256						

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	12 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Pre-Tour Meetings (2)	12 Jan 2007	0 Days	General housekeeping and Operating rig tongs

Operations For Period 0000 Hrs to 2400 Hrs on 12 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	U (RE)	RR	0000	0800	8.00	510m	Calibrate PVT system
PH1	P	CMD	0800	0830	0.50	510m	Prepare mud tanks and circulate well with water using pill tank
PH1	U (RE)	RR	0830	0900	0.50	510m	Repair pressure testing unit prior to pressure testing casing
PH1	P	PT	0900	1000	1.00	510m	Pressure test casing down drill string and annulus to 2,500psi for 15 minutes
PH1	P	DFS	1000	1130	1.50	510m	Drill out shoe track from 490m to 507m - Drill out cement to 510m
PH1	P	DA	1130	1200	0.50	513m	Drill 8 1/2" hole from 510m to 513m
PH1	P	CMD	1200	1230	0.50	513m	Circulate and displace well to drilling mud
PH1	P	LOT	1230	1300	0.50	513m	Conduct FIT to 20.0ppg EMW without leak off
PH1	P	OTH	1300	1330	0.50	513m	Rig down pressure test equipment and conduct slow pump rates
PH1	P	DA	1330	1900	5.50	604m	Drill 8 1/2" hole from 513m to 604m
PH1	P	SVY	1900	1930	0.50	604m	Circulate hole clean, flow check and run directional survey (no reading)
PH1	P	DA	1930	2230	3.00	642m	Drill 8 1/2" hole from 604m to 642m
PH1	U	SVY	2230	2300	0.50	642m	Circulate hole clean, flow check and run directional survey (no reading)
PH1	P	DA	2300	2330	0.50	651m	Drill 8 1/2" hole from 642m to 651m
PH1	U	SVY	2330	2400	0.50	651m	Circulate hole clean, flow check and run directional survey (no reading)

Operations For Period 0000 Hrs to 0600 Hrs on 13 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0600	6.00	717m	Drill 8 1/2" hole from 651m to 717m

WBM Data

Daily Chemical Costs: \$ 1794		Cost To Date: \$ 7542		Engineer : Peter N Aronetz	
Mud Type: FluidReclaimed fm ME	Flowline Temp: 36C°	Cl: 8.90x1000 mg/l	Low Gravity Solids: 1.5%	Gels 10s	1
Sample From: Below Shaker	Nitrates: 0mg/l	Hard/Ca: 300mg/l	High Gravity Solids: 0.0%	Gels 10m	1
Time: 22:30	Sulphites: 0mg/l	MBT: 3.5	Solids (corrected): 1.5%	Fann 003	1
Weight: 8.60ppg	API FL: 9cm³/30m	PM: 0.46	H2O: 98.5%	Fann 006	2
ECD TD: 8.82ppg	API Cake: 1/32nd"	PF: 0.12	Oil: 0.0%	Fann 100	9
ECD Shoe:	PV 8cp	MF: 1.25	Sand: .5 %	Fann 200	13
Viscosity 42sec/qt	YP 9lb/100ft²	pH: 10.2	Barite: 0	Fann 300	17
KCl Equiv: 1%		PHPA Excess: 1.0ppb		Fann 600	25

Comment: Reclaim a further 150bbls of fluid from M-1 sump, density slowly increasing at that source. Last load check: 8.8ppg.
 Treatment with KCl+PHPA, also phase in Sodium Sulphite.
 Occasional run-off over shaker after PHPA additions.
 Aiming to raise PHPA concentration further, to compensate for lower KCl concentration.
 With resumption of drilling de-sander+de-silter on line and working well.
 KCl=1.4%; PHPA=0.61ppb; FL=8.8ml/30min;
 Report format does not recognise certain decimal entries.

Shakers, Volumes and Losses Data

Available	652.0bbl	Losses	150.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	512.0bbl	Downhole	11.0bbl	De-Gaser 1	Rig		0
Hole	136.0bbl	Shakers & Equip.	104.0bbl	De-Sander 1	Pioneer	2 Cones	8
Slug		Dumped	30.0bbl	De-Silter 1	Pioneer	10 Cones	8
Reserve	4.0bbl	Centrifuges		Shaker 1	DFE	2x140, 1x84	15
		De-Sander	5.0bbl	Shaker 2	DFE	2x140, 1x84	15
Built	180.0bbl						

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Bit Data
Bit # RR2

Size ("):	8.50	IADC#		Nozzles	Drilled over last 24 hrs	Calculated over Bit Run
Mfr: Security DBS		WOB(avg)	13.00klb		Progress 141m	Cum. Progress 141.0m
Type: PDC		RPM(avg)	90		On Bottom Hrs 6.00	Cum. On Btm Hrs 6.00
Serial No.: 10881881		RPM (DH)(avg)	90		IADC Drill Hrs 11.00	Cum IADC Drill Hrs 11.00
Bit Model FM3553		F.Rate	450gpm		Total Revs 32757	Cum Total Revs 32757
Depth In 510m		SPP	1000psi		OB-ROP(avg) 23.50ft/hr	Cum. OB-ROP(avg) 23.50ft/hr
Depth Out		TFA		HSI		

Bit Run Comment Rerun Bit from Megascolides # 1well

BHA Data
BHA # 3

Weight(Wet)	52.00klb	Length	218m	Torque(max)	160ft-lbs	D.C. (1) Ann Velocity	332fpm
Wt Below Jar(Wet)	41.00klb	String	84.00klb	Torque(Off.Btm)	5ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	84.00klb	Torque(On.Btm)	120ft-lbs	H.W.D.P. Ann Velocity	212fpm
		Slack-Off	84.00klb	Jar Hours	132	D.P. Ann Velocity	212fpm

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.23m	8.50in		10881881		
Near Bit Stab	1 x 1.61m	8.50in	2.94in	S6527		
Pony DC	1 x 3.06m	6.25in	2.88in	6510-3		
String Stabiliser	1 x 1.44m	8.50in	2.81in	6527		
NMDC	1 x 9.32m	6.75in	2.81in	H362		
Drill Collar	1 x 9.23m	6.50in	3.00in	E 436		
String Stabiliser	1 x 1.48m	8.50in	2.81in	S 65		
Drill Collar	11 x 9.02m	6.25in	3.00in			
Drilling Jars	1 x 9.58m	6.25in	3.00in		132	
Drill Collar	3 x 9.01m	6.25in	3.00in			
HWDP	6 x 9.35m	4.50in	2.94in			
Total Length:	218.30m					

Survey								
MD (m)	Incl. (deg)	Corr. Az (deg)	TVD (m)	'V' Sect (deg)	Dogleg (deg/30m)	N/S (m)	E/W (m)	Tool Type
204.00	1.00		204.00					Totco single Shot
316.00	1.50		316.00					Totco single shot
419.00	0.75		419.00					Totco single shot
503.00	1.00		503.00					Totco single shot

Summary	
Company	Pax On
Karooon Gas Ltd	3
Century Drilling Ltd	19
RMN Drilling Fluids	1
BHI	2
Eurest	3
Total on Rig	28

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	1	0	11.0	
AMC Defoamer	25L can	0	1	0	2.0	
AMC PAC-R	25kg sack	0	0	0	65.0	
AMC PHPA	25kg sack	0	10	0	48.0	
AUS-BEN	25kg sack	0	0	0	0.0	
AUS-DEX	25kg sack	0	0	0	96.0	
AUS-GEL	25kg sack	0	1	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	18.0	
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	11.0	
KCl	25kg sack	0	12	0	390.0	
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	0	0	8.0	
Sodium Sulfite	25kg sack	0	0	0	20.0	
Xanthan Gum	25kg sack	0	0	0	13.0	
Xtra-sweep	12lb box	0	0	0	4.0	
Diesel fuel		0	1800	0	15,200.0	

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	1000	225			1. 70	50	147	
										2. 100	180	210	
2	G.D PZ-7	5.50		97	107	1000	225			1. 70	60	147	
										2. 100	180	210	
3	G.D PZ-7	5.50		97	0					1.			
										2.			

Casing Run

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
9 5/8"	/	506.63m /	