

Megascolides-2

Date :	28 Jan 2007	Well Site Manager :	Bruce Pilat	Rig Manager :	Cesar Miaco
Report Number	31	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:	0m	Casing MD:	507m	Last BOP Test:	10 Jan 2007
Rig:	Century 11	True Vertical Depth:	0m	Casing TVD:	507m	FIT/LOT:	20.00ppg /
RT - AMSL:	156.20m	24 Hr Progress:	44m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	24.42	Liner MD:		LTI Free Days:	249
Datum:	WGS 84	Days On Well:	30.31	Liner TVD:			

Current Ops @ 0600: Drill 8-1/2" hole to 2064m.
 Planned Operations: Rack kelly, drop survey, pump slug, rack kelly and POH PDC bit. RIH tri-cone bit and drill 8-1/2" hole to TD.

Summary of Period 0000 to 2400 Hrs

RIH with Bit #RR6. Slip drilling line, con't RIH. Top up hole at 1000m & 1500m. Work tight hole at 1650m. Con't trip in hole. PU kelly and wash to bottom. Drill 8-1/2" hole.

Well Costs - AFE Number:

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 66,000	Cum. Cost:	\$ 2,326,694
Projected Cost:	\$ 3,139,256						

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	28 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Weekly Safety Meeting (2)	28 Jan 2007	0 Days	Discuss safety alerts and HAZOBs

Operations For Period 0000 Hrs to 2400 Hrs on 28 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	TI	0000	0030	0.50	2018m	RIH with RR Bit #6 to casing shoe.
PH1	P	SC	0030	0130	1.00	2018m	Pick up kelly, fill pipe. Slip drilling line.
PH1	P	TI	0130	0500	3.50	2018m	Con't RIH, filling pipe at 1000 m and 1500 m.
PH1	P	TIT	0530	0630	1.00	2018m	Work tight hole at 1650m. Fire jars once and came free. PU kelly and ream tight spot.
PH1	P	TI	0630	0730	1.00	2018m	Con't RIH to 2000m.
PH1	P	TI	0730	0800	0.50	2018m	PU kelly & wash down from 2000m to 2018m.
PH1	P	DA	0800	1730	9.50	2046m	Drill 8-1/2" hole f/ 2018m to 2046m.
PH1	P	CS	1730	1830	1.00	2046m	Circ BH sample.
PH1	P	DA	1830	2400	5.50	2062m	Continue Drill 8-1/2" hole f/ 2046m to 2062m.

Operations For Period 0000 Hrs to 0600 Hrs on 29 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	0600	6.00	2064m	Drill 8-1/2" hole f/ 2062m to 2064m.

WBM Data

Daily Chemical Costs: \$ 2303		Cost To Date: \$ 54073			Engineer : Peter N Aronetz	
Mud Type: KCI-PHPA-POLYMER	Flowline Temp: 54C°	Cl: 10.00x1000 mg/l	Low Gravity Solids: 6.4%	Gels 10s	4	
Sample From: Past Shaker	Nitrates: 0mg/l	Hard/Ca: 100mg/l	High Gravity Solids: 0.0%	Gels 10m	6	
Time: 22:15	Sulphites: 250mg/l	MBT: 5	Solids (corrected): 6.4%	Fann 003	4	
Weight: 9.30ppg	API FL: 5.8cm³/30m	PM: 0.44	H2O: 95.6%	Fann 006	6	
ECD TD: 9.69ppg	API Cake: 1/32nd"	PF: 0.12	Oil: 0.0%	Fann 100	27	
ECD Shoe:	PV 19cp	MF: 1.22	Sand: 0.25% %	Fann 200	38	
Viscosity 58sec/qt	YP 26lb/100ft²	pH: 10	Barite: 0	Fann 300	45	
KCl Equiv: 1.5%	CaCO3 Added: 28.4ppb	PHPA Added: 2.08ppb		Fann 600	64	

Comment: Make up Polymer pre-mix with lease water, fluid from sump too contaminated with solids, weighing 9.2-9.4ppg. Continue running de-sander + de-silter to maintain fluid density at or below 9.3ppg.

Shakers, Volumes and Losses Data

Available	1016.0bbl	Losses	102.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	573.0bbl	Downhole	3.0bbl	De-Gaser 1	Rig		0
Hole	434.0bbl	Shakers & Equip.	35.0bbl	De-Sander 1	Pioneer	2 Cones	18
Slug		Dumped	20.0bbl	De-Silter 1	Pioneer	10 Cones	18
Reserve	9.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	24
		De-Sander	24.0bbl	Shaker 2	DFE	2x175, 1x140	24
		De-Silter	20.0bbl				
Built	120.0bbl						

Comment: Make up Polymer pre-mix with lease water, fluid from sump too contaminated with solids, weighing 9.2-9.4ppg. Continue running de-sander + de-silter to maintain fluid density at or below 9.3ppg.

Bit Data

Bit # RR6

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 44m	Cum. Progress 44.0m	
Type: PDC	RPM(avg) 70		On Bottom Hrs 12.00	Cum. On Btm Hrs 12.00	
Serial No.: 10825011	RPM (DH)(avg) 70		IADC Drill Hrs 15.00	Cum IADC Drill Hrs 15.00	
Bit Model SE3653	F.Rate 300gpm		Total Revs 68000	Cum Total Revs 68000	
Depth In 2018m	SPP 2250psi		OB-ROP(avg) 3.67m/hr	Cum. OB-ROP(avg) 3.67m/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	436	D.P. Ann Velocity	0fpm

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.23m	8.50in		10825011		
Near Bit Stab	1 x 1.61m	8.50in	2.94in	S6527	324.5	
Pony DC	1 x 3.06m	6.25in	2.88in	6510-3		
String Stabiliser	1 x 1.44m	8.50in	2.81in	6527	324.5	
NMDC	1 x 9.32m	6.75in	2.81in	H362	324.5	
Drill Collar	1 x 9.23m	6.50in	3.00in	E 436		
String Stabiliser	1 x 1.48m	8.50in	2.81in	S 65	324.5	
Drill Collar	14 x 9.02m	6.25in	3.00in			
Drilling Jars	1 x 9.58m	6.25in	3.00in		436	
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
1704.00	3.00	23.00	1701.30	73.75	0.78	73.75	-32.42	Hofco single shot
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

Summary

Company	Pax On
Karooon 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	2	0	17.0
AMC Defoamer	25L can	0	1	0	15.0
AMC PAC-R	25kg sack	0	0	0	55.0
AMC PHPA	25kg sack	0	4	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	1	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	1	0	10.0
KCl	25kg sack	0	0	0	216.0
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	22.0
Sodium Sulfite	25kg sack	0	4	0	19.0
Xanthan Gum	25kg sack	0	3	0	26.0
Xtra-sweep	12lb box	0	0	0	8.0
Diesel fuel	lt	0	2200	0	9,600.0
Calcium Carbonate 40µ	25 kg sacks	0	0	0	642.0

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.			