

Megascolides-2

Date :	21 Jan 2007	Well Site Manager :	Chris Dann	Rig Manager :	Agus Nugroho
Report Number	24	Drilling Supervisor :	Chris Dann / 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:	1722m	Casing MD:	507m	Last BOP Test:	10 Jan 2007
Rig:	Century 11	True Vertical Depth:	1722m	Casing TVD:	507m	FIT/LOT:	20.00ppg /
RT - AMSL:	156.20m	24 Hr Progress:	86m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	17.42	Liner MD:		LTI Free Days:	242
Datum:	WGS 84	Days On Well:	23.33	Liner TVD:			

Current Ops @ 0600:	Drill 8-1/2" hole at 1736m
Planned Operations:	Drill 8-1/2" hole to core point - POH and change BHA to coring assy - RIH and cut core.

Summary of Period 0000 to 2400 Hrs

Work tight hole - Drill 8 1/2" hole from 1636m to 1722m - Circulate for WLS

Well Costs - AFE Number:

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 66,585	Cum. Cost:	\$ 1,832,098
Projected Cost:	\$ 3,039,256						

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	21 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Pre-Tour Meetings (2)	21 Jan 2007	0 Days	Guidlines for operating winch & Correct selection and mtce of elevators
Weekly Safety Meeting (2)	21 Jan 2007	0 Days	Discuss and review weekly safety items.

Operations For Period 0000 Hrs to 2400 Hrs on 21 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	WTH	0000	0030	0.50	1636m	Circulate, wash & ream tight hole 1627m to 1636m on drill pipe connection
PH1	P	DA	0030	0800	7.50	1665m	Drill 8 1/2" hole from 1636m to 1665m
PH1	P	RS	0800	0830	0.50	1665m	Circulate and rig service.
PH1	P	DA	0830	2330	15.00	1722m	Drill 8-1/2" hole from 1665m to 1722m.
PH1	P	CS	2330	2400	0.50	1722m	Circulate bottom hole sample prior to WLS.

Operations For Period 0000 Hrs to 0600 Hrs on 22 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	SVY	0000	0030	0.50	1722m	Flow check well and run WLS at 1710m
PH1	P	PS	0030	0100	0.50	1722m	Circulate well, spot weighted pill and rack kelly
PH1	P	WT	0100	0230	1.50	1722m	Pull out of hole to 1530m for wiper trip - run in hole to 1710m
PH1	P	RW	0230	0300	0.50	1722m	Pick up kelly and wash to 1722m - 1mt of fill on bottom
PH1	P	DA	0300	0600	3.00	1736m	Drill 8 1/2" hole from 1722m to 1736m

WBM Data

Daily Chemical Costs: \$ 4714		Cost To Date: \$ 33772			Engineer : Peter N Aronetz	
Mud Type: KCI-PHPA-POLYMER	Flowline Temp: 54C°	Cl: 9.60x1000 mg/l	Low Gravity Solids: 4.0%	Gels 10s	2	
Sample From: Past Shaker	Nitrates: 0mg/l	Hard/Ca: 80mg/l	High Gravity Solids: 0.0%	Gels 10m	2	
Time: 22:00	Sulphites: 250mg/l	MBT: 4.5	Solids (corrected): 4.0%	Fann 003	2	
Weight: 8.95ppg	API FL: 6.5cm³/30m	PM: 0.33	H2O: 96.0%	Fann 006	3	
ECD TD: 9.24ppg	API Cake: 1/32nd"	PF: 0.03	Oil: 0.0%	Fann 100	16	
ECD Shoe:	PV 18cp	MF: 0.8	Sand: 0.20 %	Fann 200	26	
Viscosity 48sec/qt	YP 15lb/100ft²	pH: 9.3	Barite: 0	Fann 300	33	
KCl Equiv: 1.4%	CaCO3 Added: 6.3ppb	PHPA Added: 1.82ppb		Fann 600	51	

Comment: Re-cycling 120bbbls of fluid from sump on location.
Giving preference to using fluid from local sump, as fluid level in there has increased significantly, partially on account of very wet wether.
Inadvertent addition of 60bbbls lease-water to system results in lower readings for main fluid parameters. Remedial action under way.

Shakers, Volumes and Losses Data

Available	1069.0bbl	Losses	48.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	635.0bbl	Downhole	9.0bbl	De-Gaser 1	Rig		0
Hole	364.0bbl	Shakers & Equip.	25.0bbl	De-Sander 1	Pioneer	2 Cones	2
Slug		Dumped	10.0bbl	De-Silter 1	Pioneer	10 Cones	2
Reserve	70.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	24
		De-Sander	2.0bbl	Shaker 2	DFE	2x175, 1x140	24
		De-Silter	2.0bbl				
Built	180.0bbl						

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Bit Data

Bit # 4								
Size ("):	8.50	IADC#	447X	Nozzles	Drilled over last 24 hrs		Calculated over Bit Run	
Mfr:	Security DBS	WOB(avg)	30.00klb	3 x 13(/32nd")	Progress	86m	Cum. Progress	144.0m
Type:	Rock	RPM(avg)	75		On Bottom Hrs	19.00	Cum. On Btm Hrs	31.00
Serial No.:	743418	RPM (DH)(avg)	75		IADC Drill Hrs	22.00	Cum IADC Drill Hrs	38.00
Bit Model	XS16D	F.Rate	450gpm		Total Revs	89249	Cum Total Revs	146184
Depth In	1578m	SPP	1630psi		OB-ROP(avg)	4.53m/hr	Cum. OB-ROP(avg)	4.65m/hr
Depth Out		TFA	0.3889	HSI 5.19				

BHA Data

BHA # 3							
Weight(Wet)	41.00klb	Length	218m	Torque(max)	120ft-lbs	D.C. (1) Ann Velocity	332fpm
Wt Below Jar(Wet)	37.00klb	String	140.00klb	Torque(Off.Btm)	5ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	140.00klb	Torque(On.Btm)	50ft-lbs	H.W.D.P. Ann Velocity	212fpm
		Slack-Off	128.00klb	Jar Hours	312	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	190.5	
Pony DC	1 x 3.06m	6.25in	2.88in	6510-3		
String Stabiliser	1 x 1.44m	8.50in	2.81in	6527	190.5	
NMDC	1 x 9.32m	6.75in	2.81in	H362	190.5	
Drill Collar	1 x 9.23m	6.50in	3.00in	E 436		
String Stabiliser	1 x 1.48m	8.50in	2.81in	S 65	190.5	
Drill Collar	11 x 9.02m	6.25in	3.00in			
Drilling Jars	1 x 9.58m	6.25in	3.00in		312	
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
1399.00	4.00	328.00	1396.94	56.78	0.24	56.78	-24.47	Hofco single shot
1493.00	4.50	326.00	1490.68	62.61	0.17	62.61	-28.27	Hofco single shot
1596.00	3.25	330.00	1593.44	68.49	0.37	68.49	-31.99	Hofco single shot
1704.00	3.00	23.00	1701.30	73.75	0.78	73.75	-32.42	Hofco single shot

Summary

Company	Pax On
Karooon Gas Ltd	4
Century Drilling Ltd	22
RMN Drilling Fluids	1
BHI	2
Eurest	3
Corpro Systems Ltd	1
Total on Rig	33

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
AMC Biocide G	25L can	0	0	0	21.0
AMC Defoamer	25L can	0	1	0	0.0
AMC PAC-R	25kg sack	0	4	0	31.0
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	0	0	15.0
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	0	0	282.0
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	2	0	26.0
Sodium Sulfite	25kg sack	0	2	0	36.0
Xanthan Gum	25kg sack	0	3	0	29.0
Xtra-sweep	12lb box	0	0	0	8.0
Diesel fuel	lt	0	3800	0	18,000.0
Calcium Carbonate 40µ	25 kg sacks	0	192	0	384.0

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	1500	225	1712		1.	70	200	147
										2.	100	400	280
2	G.D PZ-7	5.50		97	107	1500	225	1712		1.	70	200	147
										2.	100	400	280
3	G.D PZ-7	5.50		97						1.			
										2.			