

Megascolides-2

Date :	19 Jan 2007	Well Site Manager :	Chris Dann	Rig Manager :	Agus Nugroho
Report Number	22	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:	1578m	Casing MD:	507m	Last BOP Test:	10 Jan 2007
Rig:	Century 11	True Vertical Depth:	1578m	Casing TVD:	507m	FIT/LOT:	20.00ppg /
RT - AMSL:	156.20m	24 Hr Progress:	54m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	15.42	Liner MD:		LTI Free Days:	240
Datum:	WGS 84	Days On Well:	21.33	Liner TVD:			

Current Ops @ 0600: Con't RIH with Bit #4.
 Planned Operations: Drill 8-1/2"hole with WLS every ~100 m.

Summary of Period 0000 to 2400 Hrs

Drill ahead from 1524 m to 1578 m. POH for bit change.

Well Costs - AFE Number:

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 68,285	Cum. Cost:	\$ 1,681,997
Projected Cost:	\$ 2,839,256						

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	19 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Pre-Tour Meetings (2)	19 Jan 2007	0 Days	Use of Non-powered tools & Racking back DC's

Operations For Period 0000 Hrs to 2400 Hrs on 19 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	DA	0000	1130	11.50	1561m	Drill 8 1/2" hole from 1524m to 1561m
PH1	P	RS	1130	1200	0.50	1561m	Rig Service
PH1	P	DA	1200	2100	9.00	1578m	Drill 8-1/2" hole from 1561 to 1578 m
PH1	P	TO	2100	2400	3.00	1578m	Flow check, pump weighted pill, pull out of hole.

Operations For Period 0000 Hrs to 0600 Hrs on 20 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
PH1	P	TO	0000	0015	0.25	1578m	Pull out of hole with Bit # 3
PH1	P	HBHA	0015	0200	1.75	1578m	Break out bit # 3 & make up bit # 4 - gauge stabilizers & clean rig floor
PH1	P	TI	0200	0600	4.00	1578m	Run in hole with bit # 4 to 1380m - fill drill string at 500m & 1,000m

WBM Data

Daily Chemical Costs: \$ 1877		Cost To Date: \$ 27004		Engineer : Peter N Aronetz					
Mud Type:	KCl-PHPA-POLYMER	Flowline Temp:	54C°	Cl:	9.80x1000 mg/l	Low Gravity Solids:	3.6%	Gels 10s	3
Sample From:	Below Shaker	Nitrates:	0mg/l	Hard/Ca:	80mg/l	High Gravity Solids:	0.0%	Gels 10m	3
Time:	20:45	Sulphites:	250mg/l	MBT:	4.5	Solids (corrected):	3.6%	Fann 003	3
Weight:	8.95ppg	API FL:	7.0cm³/30m	PM:	0.53	H2O:	96.4%	Fann 006	4
ECD TD:	9.30ppg	API Cake:	1/32nd"	PF:	0.15	Oil:	0.0%	Fann 100	21
ECD Shoe:		PV	20cp	MF:	1.25	Sand:	.20 %	Fann 200	32
Viscosity	54sec/qt	YP	21lb/100ft²	pH:	10.5	Barite:	0	Fann 300	41
KCl Equiv:	1.4%	CaCO3 Added:	4.4ppb	PHPA Added:	1.89ppb			Fann 600	61

Comment: Re-cycling 120bbbls of fluid from sump on location.
 Treat fluid to maintain parameters.
 Running hydro-cyclone solids control equipment <10% of the time,
 to prevent system WT from dropping below the requested 8.9ppg.

Shakers, Volumes and Losses Data							
Available	889.0bbl	Losses	133.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	492.0bbl	Downhole	19.0bbl	De-Gaser 1	Rig		0
Hole	333.0bbl	Shakers & Equip.	90.0bbl	De-Sander 1	Pioneer	2 Cones	2
Slug		Dumped	20.0bbl	De-Silter 1	Pioneer	10 Cones	2
Reserve	64.0bbl	Centrifuges		Shaker 1	DFE	2x175, 1x140	21
		De-Sander	2.0bbl	Shaker 2	DFE	2x175, 1x140	21
		De-Silter	2.0bbl				
Built	120.0bbl						

Comment: Re-cycling 120bbls of fluid from sump on location.
Treat fluid to maintain parameters.
Running hydro-cyclone solids control equipment <10% of the time,
to prevent system WT from dropping below the requested 8.9ppg.
Pit levels recorded prior to POOH.

Bit Data												
Bit # 3				Wear	I	O1	D	L	B	G	O2	R
Size ("):	8.50	IADC#		1	0	CT	N	X	I	NO	PR	
Mfr:	Security DBS	WOB(avg)	12.00klb	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Type:	PDC	RPM(avg)	120	6 x 11(/32nd")		Progress	54m	Cum. Progress	157.0m			
Serial No.:	10825011	RPM (DH)(avg)	120			On Bottom Hrs	15.00	Cum. On Btm Hrs	27.00			
Bit Model	SE3653Z	F.Rate	450gpm			IADC Drill Hrs	20.00	Cum IADC Drill Hrs	36.00			
Depth In	1421m	SPP	1100psi			Total Revs	91218	Cum Total Revs	174096			
Depth Out	1578m	TFA	0.5568	HSI	2.40	OB-ROP(avg)	3.60m/hr	Cum. OB-ROP(avg)	5.81m/hr			

BHA Data							
BHA # 3							
Weight(Wet)	41.00klb	Length	218m	Torque(max)	60ft-lbs	D.C. (1) Ann Velocity	0fpm
Wt Below Jar(Wet)	37.00klb	String	135.00klb	Torque(Off.Btm)	10ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	137.00klb	Torque(On.Btm)	45ft-lbs	H.W.D.P. Ann Velocity	0fpm
		Slack-Off	127.00klb	Jar Hours	274	D.P. Ann Velocity	0fpm
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	152.5		
Pony DC	1 x 3.06m	6.25in	2.88in	6510-3			
String Stabiliser	1 x 1.44m	8.50in	2.81in	6527	152.5		
NMDC	1 x 9.32m	6.75in	2.81in	H362	152.5		
Drill Collar	1 x 9.23m	6.50in	3.00in	E 436			
String Stabiliser	1 x 1.48m	8.50in	2.81in	S 65	152.5		
Drill Collar	11 x 9.02m	6.25in	3.00in				
Drilling Jars	1 x 9.58m	6.25in	3.00in		274		
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	Incl.	Corr. Az	TVD	'V' Sect	Dogleg	N/S	E/W	Tool Type
(m)	(deg)	(deg)	(m)	(deg)	(deg/30m)	(m)	(m)	
1193.00	5.75	313.00	1191.66	42.61	0.45	42.61	-14.92	Hofco single shot
1296.00	4.75	333.00	1294.24	49.93	0.60	49.93	-20.63	Hofco single shot
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

Summary	
Company	Pax On
Karoon Gas Ltd	4
Century Drilling Ltd	21
RMN Drilling Fluids	1
BHI	2
ACS Laboratories	1
Eurest	3
Corpro Systems Ltd	1
Total on Rig	33

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
AMC Biocide G	25L can	0	1	0	21.0	
AMC Defoamer	25L can	0	1	0	2.0	
AMC PAC-R	25kg sack	0	2	0	37.0	
AMC PHPA	25kg sack	0	5	0	35.0	
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	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	2	0	294.0	
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	28.0	
Sodium Sulfite	25kg sack	0	4	0	41.0	
Xanthan Gum	25kg sack	0	0	0	32.0	
Xtra-sweep	12lb box	0	0	0	8.0	
Diesel fuel	lt	0	3800	0	7,800.0	
Calcium Carbonate 40µ	25 kg sacks	0	32	0	640.0	

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	0	0	0			1.				
										2.				
2	G.D PZ-7	5.50		97	107	1100	225	1578		1.	70	100	147	
										2.	100	280	210	
3	G.D PZ-7	5.50		97	107	1100	225	1578		1.	70	140	147	
										2.	100	300	210	