

Megascolides-2

Date :	08 Jan 2007	Well Site Manager :	Chris Dann	Rig Manager :	Steve Young
Report Number	11	Drilling Supervisor :	Chris Dann	Drilling Company :	Century Drilling Ltd
Easting	403212	Northing	5767583	Geologist :	Dave Horner

Well Details

Country:	Australia	Current Hole Size:	12.250in	Casing O.D.:	9.625in	Planned TD:	1850m
Field:	Megascolides	Measured Depth:	510m	Casing MD:	507m	Last BOP Test:	
Rig:	Century 11	True Vertical Depth:	510m	Casing TVD:	507m	FIT/LOT:	/
RT - AMSL:	156.20m	24 Hr Progress:	0m	TOL MD:		Last LTI:	04 Jan 2006
RT - GL:	5.20m	Days From Spud:	4.42	Liner MD:		LTI Free Days:	226
Datum:	WGS 84	Days On Well:	10.33	Liner TVD:			

Current Ops @ 0600: Rig up to conduct top up cement job
 Planned Operations: Run & cement 9 5/8" casing with shoe set at 506.63m, WOC, Slack off casing & remove landing joint, Nipple up A section & BOPs. Test BOP equipment

Summary of Period 0000 to 2400 Hrs

Wash to TD at 510m, Circulate to maintain hole condition while waiting on rig equipment to run 9 5/8" casing, Pull out of hole, Rig up & run 9 5/8" casing to 502m

Well Costs - AFE Number:

Original AFE:	\$ 2,839,256	Orig & Supp AFE:	\$ 2,839,256	Daily Cost:	\$ 135,785	Cum. Cost:	\$ 923,753
Projected Cost:	\$ 2,839,256						

HSE Summary

Event (# Of)	Date of last	Days Since	Short Description
Alcohol & drug screening (2)	08 Jan 2007	0 Days	Personnel Blow into Alcoholiser
Pre-Tour Meetings (2)	08 Jan 2007	0 Days	Running in drill pipe on the rig floor & Running casing

Operations For Period 0000 Hrs to 2400 Hrs on 08 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
SH	TP (RE)	RW	0000	0030	0.50	510m	Pick up 4 1/2" drill pipe & wash from 483m to 510m - no fill
SH	TP (RE)	RR	0030	0900	8.50	510m	Rotate & reciprocate drill string while circulating to maintain hole condition while waiting on rig equipment to run 9 5/8" casing - Work on modifying casing stabbing board and installing flare & vent lines to flare pit
SH	TP (RE)	RR	0900	1000	1.00	510m	Flow check, pull one stand of drill pipe. Pick up, install & lay out casing stabbing board. Run in hole to 510m
SH	TP (RE)	RR	1000	1230	2.50	510m	Rotate & reciprocate drill string while circulating to maintain hole condition while waiting on rig equipment to run 9 5/8" casing - inspect modified casing stabbing board
SH	TP (RE)	RR	1230	1300	0.50	510m	flow check, pump slug & rack kelly
SH	TP (RE)	RR	1300	1500	2.00	510m	Pull out of hole to run 9 5/8" casing
SH	TP (RE)	RR	1500	1530	0.50	510m	Break and lay out 12 1/4" bit, bit sub & crossover sub - clean floor of excess equipment
SH	TP (RE)	RR	1530	1600	0.50	510m	Rig up 9 5/8" casing running equipment
SH	TP (RE)	RR	1600	1630	0.50	510m	Pick up and run 9 5/8" casing double with float shoe and float collar
SH	TP (RE)	RR	1630	1730	1.00	510m	Rig up casing stabbing board
SH	P	CRN	1730	2400	6.50	510m	Run 9 5/8" casing to 502m

Operations For Period 0000 Hrs to 0600 Hrs on 09 Jan 2007

Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
SH	P	CRN	0000	0030	0.50	510m	Pick up landing joint, attempt to install circulating swedge, change out circulating swedge, install circulating swedge and landing joint on casing
SH	P	CRN	0030	0130	1.00	510m	Run casing in hole to 207m, make up circulating hose, reciprocate and circulate casing twice hole volume. Cementing pre-job safety meeting

Operations For Period 0000 Hrs to 0600 Hrs on 09 Jan 2007							
Phse	Cls	Op	From	To	Hrs	Depth	Activity Description
SH	P	CRN	0130	0400	2.50	510m	Break out circulating swedge and make up Halliburton cement head. Pump 15bbls fresh water spacer, pressure test surface lines to 300/2500psi. Mix pump & displace lead and tail cement slurries - no cement to surface and lost returns prior to bump plug with 2,500psi for 10 minutes - floats held
SH	P	CRN	0400	0530	1.50	510m	Rig up to, and cut window in conductor pipe
SH	P	CRN	0530	0600	0.50	510m	Make up cement stinger in conductor and conduct top up cement job - dump and clean shaker tank compartments

WBM Data							
Daily Chemical Costs: \$ 378				Cost To Date: \$ 2895			Engineer : Peter N Aronetz
Mud Type: Fluid Reclaimed from ME	Flowline Temp: 39C°	CI:	4.60x1000 mg/l	Low Gravity Solids:	4.5%	Gels 10s	11
Sample From: Below Shakers	Nitrates: 0mg/l	Hard/Ca:	660mg/l	High Gravity Solids:	0.4%	Gels 10m	16
Time: 12:00	Sulphites: 0mg/l	MBT:	16	Solids (corrected):	4.8%	Fann 003	7
Weight: 9.10ppg	API FL: 24cm³/30m	PM:	0.1	H2O:	95.2%	Fann 006	8
ECD TD:	API Cake: 3/32nd"	PF:	0	Oil:	0.0%	Fann 100	9
ECD Shoe:	PV 4cp	MF:	0.52	Sand:	0.1 %	Fann 200	11
Viscosity 36sec/qt	YP 9lb/100ft²	pH:	8	Barite:	5.1	Fann 300	13
KCl Equiv: 0%		PHPA Excess:	0ppb			Fann 600	17

Comment: Prepare 30bbls Barite-based heavy pill, pump before POOH

Shakers, Volumes and Losses Data							
Available	605.0bbl	Losses	74.0bbl	Equip.	Descr.	Mesh Size	Hours
Active	231.0bbl	Downhole	10.0bbl	De-Gaser 1	Rig		0
Hole	227.0bbl	Shakers & Equip.	18.0bbl	De-Sander 1	Pioneer	2 Cones	11
Slug		Dumped	35.0bbl	De-Silter 1	Pioneer	10 Cones	11
Reserve	147.0bbl	Centrifuges		Shaker 1	DFE	3x84	18
		De-Sander	11.0bbl	Shaker 2	DFE	3x84	18
Built	0.0bbl						

Comment: Prepare 30bbls Barite-based heavy pill, pump before POOH

Bit Data											
Bit # 1			Wear	I	O1	D	L	B	G	O2	R
			2	2	WT	A	E	I	SS	TD	
Size ("):	12.25	IADC#	116	Nozzles			Drilled over last 24 hrs			Calculated over Bit Run	
Mfr:	Security DBS	WOB(avg)	0.00klb	3 x 20(/32nd")			Progress	0m	Cum. Progress		508.0m
Type:	Rock	RPM(avg)	50				On Bottom Hrs	0.00	Cum. On Btm Hrs		40.00
Serial No.:	10826043	RPM (DH)(avg)	50				IADC Drill Hrs	0.00	Cum IADC Drill Hrs		55.00
Bit Model	XS/S	F.Rate	442gpm				Total Revs	0	Cum Total Revs		304487
Depth In	16m	SPP	650psi				OB-ROP(avg)		Cum. OB-ROP(avg)		12.70ft/hr
Depth Out		TFA	0.92	HSI 38593907220.28							

BHA Data							
BHA # 2							
Weight(Wet)	46.00klb	Length	203m	Torque(max)	90ft-lbs	D.C. (1) Ann Velocity	98fpm
Wt Below Jar(Wet)	44.00klb	String	75.00klb	Torque(Off.Btm)	5ft-lbs	D.C. (2) Ann Velocity	0fpm
		Pick-Up	75.00klb	Torque(On.Btm)	75ft-lbs	H.W.D.P. Ann Velocity	83fpm
		Slack-Off	75.00klb	Jar Hours	111	D.P. Ann Velocity	83fpm
BHA Run Description	12.25" top hole						
BHA Run Comment	Run to condition hole while waiting on rig equipment to run 9 5/8" casing						

Equipment	Length	OD	ID	Serial #	Hours	Comment
Bit	1 x 0.30m	12.25in				
Bit Sub	1 x 0.73m	7.94in	2.88in			
X/Over	1 x 0.70m	7.50in	2.88in			
Drill Collar	1 x 108.49m	6.25in	3.00in			
Drilling Jars	1 x 9.58m	6.25in	3.00in	HOFECO	118	
Drill Collar	1 x 26.76m	6.25in	3.00in			
HWDP	1 x 56.10m	6.25in	2.94in			
Total Length:	202.66m					

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	
Karoon Gas Ltd	2	
Halliburton	2	
Century Drilling Ltd	20	
RMN Drilling Fluids	1	
BHI	2	
Eurest	3	
Total on Rig		30

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
AMC Biocide G	25L can	0	0	0	13.0
AMC Defoamer	25L can	0	0	0	3.0
AMC PAC-R	25kg sack	0	0	0	71.0
AMC PHPA	25kg sack	0	0	0	60.0
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	252.0
Baryte	25kg sack	0	38	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	0	0	420.0
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	16.0
Xtra-sweep	12lb box	0	0	0	4.0
Diesel fuel		13500	2400	0	19,400.0

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	105	650	211			1.		
2	G.D PZ-7	5.50		97	105	650	211			2.		
3	G.D PZ-7	5.50		97	0					1.		
										2.		