Australian Drilling Associates Pty Ltd ADA

14 Oct 2009

From: John Mcgarrity/ Peter Dane
To: Texas Richards

DRILLING MORNING REPORT # 14
Trefoil-2

Well Data

Country	Australia	MDBRT	935.0m	Cur. Hole Size	17.500in	AFE Cost	US$33,167,745
Field	Trefoil	TVDBRT	935.0m	Last Casing OD	13.375in	AFE No.	Trefoil-2
Drill Co.	Maersk	Progress	0.0m	Shoe TVDBRT	930.0m	Daily Cost	US$562,976
Rig	Kan Tan IV	Days from spud	8.67	Shoe MDBRT	930.0m	Cumul. Cost	US$12,913,972
Wtr Dpth(MSL)	69.0m	Days on well	13.13	FIT/LOT:	/		
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m	Current Op @ 0600	Picking up 12.25" BHA.		
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Planned Op	Make up 12.25" BHA and RIH. Drill out the float collar and shoe with seawater. Drill to 938m and displace hole with 9.0 ppg KCL mud. Condition mud and perform a LOT. Drill ahead with 12.25" hole.		

Summary of Period 0000 to 2400 Hrs

Positioned rig over wellhead. Landed and latched BOPs. Tested wellhead connector. Unpinned slip joint and laid out landing joint. Rigged up storm loops on pod line hoses. Installed diverter. Rigged down handling equipment. Laid down Halliburton cement head assembly.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	2 Days	Held abandon drill	
Fire Drill	1	2 Days	Main deck - Fire in rubbish container	
Permit To Work	13	0 Days	Permits administered	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	2	4 Days	Held 2 x General Safety Meeting	
STOP Card	61	0 Days	Number of STOP Cards submitted	

FORMATION

Name	Top
Torquay Group	95.00m
Lower Miocene Seismic Marker	918.00m

Operations For Period 0000 Hrs to 2400 Hrs on 14 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	P	G13	0000	0200	2.00	935.0m	Completed installing choke and kill goosenecks, boost lines and pressure tested choke and kill to 300psi low and 5000psi high for 5/10 mins.
P6	P	G13	0200	0700	5.00	935.0m	Installed 6 x marine riser tensioner lines.
P6	P	G13	0700	0930	2.50	935.0m	Installed pod umbilical line saddles and storm loops. Pressured up and stroked out marine riser tensioners.
P6	P	M2	0930	1000	0.50	935.0m	Skidded rig back over wellhead.
P6	P	G13	1000	1030	0.50	935.0m	Attempted to unlock drill string compensator. Lock bar would not unlock. Increased pressure - ok.
P6	TP (WOW)	G25	1030	1300	2.50	935.0m	Waited on weather.
P6	P	G13	1300	1500	2.00	935.0m	Landed and latched BOPs. Confirmed with 50k overpull. Tested H4 wellhead connector to 2000psi. Good test.
P6	P	G13	1500	1800	3.00	935.0m	Unpinned slip joint and landed in spider in difficult conditions.
P6	P	G13	1800	1900	1.00	935.0m	Laid out landing joint.
P6	P	G13	1900	2200	3.00	935.0m	Picked up diverter and replaced lockdown dog. Installed diverter and confirmed with 10k overpull - ok.
P6	P	G1	2200	2300	1.00	935.0m	Rigged down BOP handling equipment. Changed out 500ton bails to 350ton drilling bails. Rigged up 5" handling equipment. Concurrently rigged up packer control lines, logging compensator line and index line. Connected water line to slip joint.
P6	P	G1	2300	2400	1.00	935.0m	Picked up cement stand and laid out Halliburton cement head assembly.

Operations For Period 0000 Hrs to 0600 Hrs on 15 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	P	G6	0000	0330	3.50	935.0m	Laid down 17.5" BHA, drill bit, float sub, 2 x 17.5" stabilisers, MWD tools.
P11	P	G6	0330	0600	2.50	935.0m	Make up 12.25" BHA and RIH.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 14 Oct 2009

Phase	Phase Hrs	Start On	Finish On	Cumul. Hrs	Cumul. Days	Max Depth
Mob/Demob(P1)	69.5	21 Sep 2009	04 Oct 2009	69.50	2.896	0.0m
Conductor Hole(P2)	46.5	04 Oct 2009	06 Oct 2009	116.00	4.833	155.0m
Conductor Casing(P3)	37	06 Oct 2009	08 Oct 2009	153.00	6.375	155.0m
Surface Hole(P4)	68	08 Oct 2009	11 Oct 2009	221.00	9.208	935.0m
Surface Casing(P5)	36	11 Oct 2009	12 Oct 2009	257.00	10.708	935.0m
BOPs/Risers(P6)	58	12 Oct 2009	14 Oct 2009	315.00	13.125	935.0m

General Comments

00:00 TO 24:00 Hrs ON 14 Oct 2009

WBM Data

Cost Today US$ 0

Mud Type:	KCl POLYMER	API FL:	5.6cc/30min	Cl:	38000mg/l	Solids(%vol):	2%	Viscosity	49sec/qt
		Filter-Cake:	1/32nd"	K+C*1000:		H2O:	95%	PV	10cp
Sample-From:	3	HTHP-FL:	11.0cc/30min	Hard/Ca:	320mg/l	Oil(%):		YP	14lb/100ft²
Time:	2110	HTHP-cake:	1/32nd"	MBT:	10	Sand:		Gels 10s	8
Weight:	9.00ppg			PM:	2.2	pH:	8	Gels 10m	10
Temp:	20C°			PF:	1.5	PHPA:	2ppb	Fann 003	8
								Fann 006	10
								Fann 100	17
								Fann 200	23
								Fann 300	27
								Fann 600	37

Comment — Note: Cost is in AUD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Rig Fuel	m3	0	10	0	449.0
Drill Water	m3	0	0	0	613.0
Pot Water	m3	45	38	0	250.0
Brine	m3	0	0	0	88.0
Barite	MT	0	0	0	91.0
Baradefoam-W300	can	0	0	0	16.0
Barolift	boxes	0	0	0	18.0
Bentonite	MT	0	0	0	48.2
Caustic Soda	pail	0	0	0	26.0
Lime	sx	0	0	0	54.0
Soda Ash	sx	0	0	0	63.0
Shaker Screen 110	box	0	0	0	24.0
Shaker Screen 140	box	0	0	0	40.0
Shaker Screen 175	box	0	0	0	24.0
Shaker Screen 50	box	0	0	0	24.0
Shaker Screen 210	box	0	0	0	24.0
Sodium Bicarbonate	25kg sx	0	0	0	48.0
Rig Fuel	m3	0	0	0	561.0
Drill Water	m3	0	0	0	416.0
Potable Water	m3	0	0	0	208.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)
1	Continental Emsco	6.50		97	80	1200	400
2	Continental Emsco	6.50		97	80	1200	400

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1(gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
3	Continental Emsco	6.50		97	80	1200	400										

Casing

OD	LOT / FIT	Csg Shoe (MD/TVD)	Cementing
30 "	/	153.00m / 153.00m	30" Cement Job: Pumped 50 bbls spacer ahead. Mixed 260 bbls of 15.8ppg (53 MT) class G cement with 155 bbls of seawater. Displaced with 72.4 bbls of seawater.
13.38	/	930.00m / 930.00m	13 3/8" Cement Job: Pumped 50 bbls of spacer ahead. Mixed 436 bbls (35 MT) of 11.5 ppg lead cement with 368 bbls of mix water. Mixed 67 bbls (14 MT) of 15.8 ppg tail cement with 40 bbls of mix water. Displaced with 412 bbls of seawater.
13.38	/	930.00m / 930.00m	

Personnel On Board

Company	Pax
ADA	6
Maersk	42
GRN	2
OMS	17
Reach	1
Geoservices	6
Halliburton Cementers	2
Haliburton Directional Drilling	1
Halliburton	3
Halliburton (Baroid)	2
Fugro ROV	6
Dril-Quip	1
Swaco	1
Others	3
Total	93

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : MikeLawrance / Kosta Georgiou

Available	1741.3bbl
Active	220.0bbl
Mixing	
Hole	895.8bbl
Slug	
Reserve	515.5bbl
Kill	110.0bbl

Losses	374.5bbl
Downhole	
Surf+ Equip	0.0bbl
Dumped	374.5bbl
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Equipment	Description	Mesh Size
Shaker 1	Brandt VSM 300	20 top/50bottom
Shaker 2	Brandt VSM 300	20 top/50bottom
Shaker 3	Brandt VSM 300	20 top/50bottom
Shaker 4	Brandt VSM 300	20 top/50bottom

Comments

Correct Mud volumes will be entered tomorrow when we start drilling, all chemicals will be charged off as well.

Marine

Weather on 14 Oct 2009

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10.0nm	28kn	225.0deg	984.0mbar	11C°	4.2m	225.0deg	3s

Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments
317.0deg		140.00klb	2.4m	330.0deg	5s	

Comments

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Scimitar	08:30 hrs 13/10/09		Standby rig

Bulks

Item	Unit	Used	Quantity
Rig Fuel	M3		607
Potable Water	M3		550
Drill Water	M3		196
	t		55
Barite	t		0
Bentonite	t		42

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				Item	Unit	Used	Quantity
				Brine	M3		165

				Item	Unit	Used	Quantity
Far Fosna		08:30 hrs 13/10/09	Melbourne	Rig Fuel	M3		398
				Pot Water	M3		490
				Drill Water	M3		202
				Bentonite	t		0
				Barite	t		0
					t		0
				Brine	M3		84

No midnight report received.

Helicopter Movement

Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
1	Bristow Helicopters	09:15 hrs / 09:25 hrs	9 / 10	Crew Change

Printed on 14 Oct 2009