Australian Drilling Associates Pty Ltd

DRILLING MORNING REPORT # 13
Trefoil-2

13 Oct 2009

From: John Mcgarrity/ Peter Dane
To: Texas Richards

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$553,938
Rig	Kan Tan IV	Days from spud	7.67	Shoe MDBRT	930.0m	Cumul. Cost	US$12,350,996
Wtr Dpth(MSL)	69.0m	Days on well	12.13	FIT/LOT:	/		
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m	Current Op @ 0600	Install two remaining marine riser tensioner lines.		
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Planned Op	Position rig over wellhead. Land and latch BOPs. Test wellhead connector. Unpin slip joint and lay out landing joint. Rig up storm loops on pod line hoses. Install diverter. Rig down handling equipment. Function test diverter and BOPs.		

Summary of Period 0000 to 2400 Hrs

Completed installation of work platform on LMRP.
Ran BOP on marine riser.
Waited on Weather.
Pick up slip joint and landing joint.
Ran BOP marine riser to 78m.
Commenced installing choke & kill goosenecks.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	1 Day	Held abandon drill	
Fire Drill	1	1 Day	Main deck - Fire in rubbish container	
Last BOP stack test	2	39 Days	Test BOP	
Permit To Work	12	0 Days	Permits administered.	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	2	3 Days	Held 2 x General Safety Meeting	
STOP Card	36	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 13 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P6	TP (RE)	G13	0000	0400	4.00	935.0m	Completed installing work platform above flex joint. Installed two bullseyes.
P6	P	G13	0400	0700	3.00	935.0m	Nippled up riser to BOP, string weight 530k off beams. Slope indicator readings: LMRP on beams (1 deg port/aft), BOP on beams (bullseye 1 deg port/fwd). Installed angle indicator.
P6	P	G13	0700	0800	1.00	935.0m	Held JSA. Prepared to pick up flotation joint of riser.
P6	TP (RE)	G11	0800	0930	1.50	935.0m	Investigated main boom gear box for possible leak on port crane. Found vent tube blocked causing over pressuring of gear box. Cleaned vent tube and re-checked gear box. Ok
P6	P	G13	0930	1100	1.50	935.0m	Ran BOP and marine riser.
P6	TP (WOW)	G25	1100	1130	0.50	935.0m	Wind 40 knots - outside of crane limits. Waited on Weather.
P6	P	G13	1130	1530	4.00	935.0m	Ran BOP and marine riser. Picked up slip joint.
P6	TP (WOW)	G25	1530	2000	4.50	935.0m	Waited on Weather 16:00 hrs, Wind Speed 25 knots, Direction NNW, Swell Height 4 mtrs. 16:30 hrs, Wind Speed 51 knots, Direction NNW, Swell Height 4 mtrs. 17:00 hrs, Wind Speed 42 knots. Direction NNW, Swell Height 4 mtrs.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							18:30 hrs, Wind Speed 36 knots, Direction NNW, Swell Height 4 to 5 mtrs. 19:00 hrs, Wind Speed 30 knots, Direction NNW, Swell Height 4 to 5 mtrs. 20:00 hrs, Wind Speed 27 knots, Direction NNW, Swell Height 3 mtrs.
P6	P	G13	2000	2100	1.00	935.0m	Ran BOP and marine riser on slip joint.
P6	P	G13	2100	2200	1.00	935.0m	Picked up landing joint and lowered BOP marine riser system to position for installation of choke and kill goosenecks.
P6	P	G13	2200	2400	2.00	935.0m	Commenced installing choke and kill goosenecks.

Operations For Period 0000 Hrs to 0600 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 300 psi low and 5000 psi high for 5/10 mins.
P6	P	G13	0200	0600	4.00	935.0m	Installed 6 x marine riser tensioner lines.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 13 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)	34	12 Oct 2009	13 Oct 2009	291.00	12.125	935.0m

General Comments

00:00 TO 24:00 Hrs ON 13 Oct 2009

WBM Data — Cost Today US$ 0

Mud Type:	PAD mud	API FL:		Cl:		Solids(%vol):	
Sample-From:	3	Filter-Cake:		K+C*1000:		H2O:	98%
Time:	1730	HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	9.00ppg	HTHP-cake:		MBT:		Sand:	
Temp:	20C°			PM:		pH:	9
				PF:		PHPA:	

Viscosity	58sec/qt
PV	11cp
YP	19lb/100ft²
Gels 10s	7
Gels 10m	9
Fann 003	7
Fann 006	9
Fann 100	14
Fann 200	24
Fann 300	30
Fann 600	41

Comment — Note: Cost is in AUD

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Rig Fuel	m3	0	12	0	459.0
Drill Water	m3	0	14	0	613.0
Pot Water	m3	31	21	0	243.0
Brine	m3	0	107	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

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Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
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
3	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)

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	3
Haliburton Directional Drilling	1
Halliburton	3
Halliburton (Baroid)	2
Fugro ROV	6
Dril-Quip	1
Swaco	1
Others	3
Total	94

Mud Volumes, Mud Losses and Shale Shaker Data

Engineer : Jay Wan / 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

Marine

Weather on 13 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		622
Potable Water	M3		553
Drill Water	M3		196
	t		55
Barite	t		0
Bentonite	t		42
Brine	M3		165

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status
Far Fosna		08:30 hrs 13/10/09	Melbourne

Bulks

Item	Unit	Used	Quantity
Rig Fuel	M3		398
Pot Water	M3		490
Drill Water	M3		202
Bentonite	t		0
Barite	t		42
	t		0
Brine	M3		84