



DRILLING MORNING REPORT #23

From: John Mcgarrity/ Bryan Houston / Peter Dane **To:** Texas Richards 23 Oct 2009

Well Data							
Country	Australia	MDBRT	2520.0m	Cur. Hole Size	12.250in	AFE Cost	US\$33,167,745
Field	Trefoil	TVDBRT	2520.0m	Last Casing OD	13.375in	AFE No.	Trefoil-2
Drill Co.	Maersk	Progress	0.0m	Shoe TVDBRT	930.0m	Daily Cost	US\$554,953
Rig	Kan Tan IV	Days from spud	17.67	Shoe MDBRT	930.0m	Cumul. Cost	US\$18,123,989
Wtr Dpth(MSL)	69.0m	Days on well	22.13	FIT/LOT:	/ 15.15ppg		
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m	Current Op @ 0600	Fishing Op	perations.	
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Planned Op	Retrieve 9	.625" running too	ol and seal assembly.

Summary of Period 0000 to 2400 Hrs

Ran 9.625" casing to 2508m. Casing stuck at 2508m. String parted due to heave. Conducted derrick survey. POOH with landing string. Prepared to slip and cut drill line.

HSE Summary				
Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	6 Days	Held abandon drill	
Fire Drill	1	11 Days	Main deck - Fire in rubbish container	
Permit To Work	26	0 Days	Permits administered	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	2	5 Days	Held 2 x General Safety Meeting	
STOP Card	38	0 Days	Number of STOP Cards submitted	

FORMATION	
Name	Тор
Upper Angahook	1162.00m
Angahook Volcanics Equiv	1331.00m
Lower Angahook	1569.00m
Demons Bluff	1850.00m
Eastern View Coal Measures	2105.00m

Operations For Period 0000 Hrs to 2400 Hrs on 23 Oct 2009

Phse	Cls (RC)	Op	From	То	Hrs	Depth	Activity Description
P13	Р	G9	0000	1230	12.50	2520.0m	Ran 9.625" casing from 830m to 2417m. Filled pipe every 5 joints with mud.
P13	Р	G1	1230	1300	0.50	2520.0m	Rigged down and laid out 9.625" 500 ton casing elevators and fill up tool
P13	Р	G9	1300	1330	0.50	2520.0m	Picked up 9.625" casing hanger assembly and made up same.
P13	Р	G1	1330	1400	0.50	2520.0m	Rigged down 9.625" casing flush mounted slips.
P13	Р	G9	1400	1430	0.50	2520.0m	RIH with 9.625" casing hanger and landing string to 2480m. Casing stood up with 20 - 35 kips.
P13	Р	G9	1430	1800	3.50	2520.0m	Engaged TDS and washed down from 2480m to 2508m. Pumped 70 bbls hi-vis pill and circulated out of hole.
P13	TP (WB)	G9	1800	1930	1.50	2520.0m	Casing stuck at 2508m. Attempted to work free - no progress. Set slips and closed compensator.
P13	TP (WB)	G23	1930	2230	3.00	2520.0m	String parted due to heave. Conducted derrick survey.
P13	TP (WB)	G8	2230	2330	1.00	2520.0m	Pulled out of hole with landing string. Laid out pup joint, 1 x single HWDP and parted single (9.185m)
P13	Р	G23	2330	2400	0.50	2520.0m	Held JSA prior to slip and cut drill line.

Operations For Period 0000 Hrs to 0600 Hrs on 24 Oct 2009





Phse	Cls (RC)	Ор	From	То	Hrs	Depth	Activity Description
P13	Р	G1	0000	0130	1.50	2520.0m	Slipped and cut drill line.
P13	Р	G4	0130	0230	1.00	2520.0m	Moved used HWDP from running string to port side of derrick.
P13	TP (WB)	G18	0230	0430	2.00	2520.0m	Made up Dril-Quip MPT and RIH and tagged top of fish at 81.5mRT with 5k. POOH and laid out MPT.
P13	TP (WB)	G18	0430	0600	1.50	2520.0m	(IN PROGRESS) Made up 8 3/8" overshot, dressed with 6 5/8" spiral grapple and RIH. Attempted to engage fish. No success. POOH.

Operations For Period Hrs to Hrs on

Phase Data to 2400hrs, 23 Oct 200)9					
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)	61.5	12 Oct 2009	15 Oct 2009	318.50	13.271	935.0m
Production Hole (1)(P11)	176.5	15 Oct 2009	22 Oct 2009	495.00	20.625	2520.0m
Production Casing(1)(P13)	36	22 Oct 2009	23 Oct 2009	531.00	22.125	2520.0m

General Comments

00:00 TO 24:00 Hrs ON 23 Oct 2009

Operational Comments Ditch Magnets: 24 hour metal recovery - 0 grams. Total for section - 830.0 grams.

WBM Data				Cost Toda	y US\$ 1379	1			
Mud Type:	KCI	API FL:	3.2cc/30min	CI:	44500mg/l	Solids(%vol):	4%	Viscosity	57sec/qt
	POLYMER	Filter Coles	4/20	K . C*4000.	00/	1120.	020/	PV	14cp
Sample-From:	4	Filter-Cake:	1/32nd"	K+C*1000:	9%	H2O:	93%	YP	32lb/100ft ²
Sample-From.	4	HTHP-FL:	9.0cc/30min	Hard/Ca:	380mg/l	Oil(%):		Gels 10s	11
Time:	13:00 hrs	HTHP-cake:	2/32nd"	MBT:	12	Sand:		Gels 10m	15
Weight:	9.45ppg	ninr-cake.	2/32110	IVID I .	12	Saliu.		Fann 003	11
Weight.	эторру			PM:	0.3	pH:	9	Fann 006	13
Temp:				PF:	0.2	PHPA:	2ppb	Fann 100	31
				г.	0.2	FIIFA.	2000	Fann 200	36
Comment		Note: Cost is in	n AUD					Fann 300	46
								Fann 600	60

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Rig Fuel	m3	0	20	0	287.0
Drill Water	m3	34	6	0	562.0
Pot Water	m3	0	25	0	173.0
Brine	m3	0	0	0	71.0
Barite	MT	0	0	0	149.7
Baradefoam-W300	can	0	0	0	9.0
Barolift	boxes	0	0	0	21.0
Bentonite	MT	0	0	0	48.2
Caustic Soda	pail	0	0	0	35.0
Lime	sx	0	0	0	4.0
Soda Ash	sx	0	0	0	56.0
Sodium Bicarbonate	25kg sx	0	0	0	39.0
Rig Fuel	m3	0	0	0	561.0
Drill Water	m3	0	0	0	266.0
Potable Water	m3	0	0	0	208.0
Shaker Screen 50	Screens	0	0	0	8.0

Pu	ımps																
Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (sg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (gpm)	Depth (m)	SPM1 (SPM)	SPP1FI (psi)	ow1(gpr	n)SPM2 (SPM)	SPP2 (psi)		SPM3 (SPM)		Flow3 (gpm)
1	Continental	6.50	1.09	97	60	3000	300	2515.0	30	220	150	40	270	200	50	350	250





Pι	Pumps																
Pu	Pump Data - Last 24 Hrs Slow Pump Data																
	Emsco																
2	Continental Emsco	6.50	1.09	97	60	3000	300	2515.0	30	240	190	40	290	260	50	350	250
3	Continental Emsco	6.50	1.09	97	60	3000	300	2515.0	30	200	150	40	270	200	50	350	260

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	15.15ppg /	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.

Personnel On Board								
Company	Pax							
ADA	7							
Maersk	46							
GRN	4							
OMS	11							
Geoservices	4							
Halliburton Cementers	2							
Halliburton	3							
Halliburton (Baroid)	2							
Fugro ROV	3							
Dril-Quip	2							
Swaco	1							
PCS	6							
Others	1							
Total	92							

Mud Volumes, Mud Losses and Shale Shaker Data			Engineer : Mike Lawrance / Kosta Georgiou			
2939.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
293.0bbl	Downhole		Shaker 1	Brandt VSM 300	20 top/100bottom	
0 Obbl	Surf± Equip	0.0bbl	Shaker 2	Brandt VSM 300	20 top/100bottom	
	' '		Shaker 3	Brandt VSM 300	20 top/100bottom	
1290.0bbl	Dumped		Shaker 4	Brandt VSM 300	20 top/100bottom	
25.0bbl	De-Gasser					
1271.0bbl	De-Sander					
60.0bbl	De-Silter Centrifuge	0.0bbl				
	2939.0bbl 293.0bbl 0.0bbl 1290.0bbl 25.0bbl 1271.0bbl	2939.0bbl Losses 293.0bbl Downhole 0.0bbl Surf+ Equip 1290.0bbl Dumped 25.0bbl De-Gasser 1271.0bbl De-Sander	2939.0bbl Losses 0.0bbl 293.0bbl Downhole 0.0bbl Surf+ Equip 0.0bbl 1290.0bbl Dumped 25.0bbl De-Gasser 1271.0bbl De-Sander	2939.0bbl Losses 0.0bbl Equipment 293.0bbl Downhole Shaker 1 0.0bbl Surf+ Equip 0.0bbl 1290.0bbl Dumped Shaker 3 25.0bbl De-Gasser 1271.0bbl De-Sander	2939.0bbl Losses 0.0bbl Equipment Description 293.0bbl Downhole Shaker 1 Brandt VSM 300 0.0bbl Surf+ Equip 0.0bbl Shaker 2 Brandt VSM 300 1290.0bbl Dumped Shaker 3 Brandt VSM 300 25.0bbl De-Gasser Shaker 4 Brandt VSM 300 1271.0bbl De-Sander De-Sander	2939.0bbl Losses 0.0bbl Downhole Equipment Description Mesh Size 293.0bbl Oumhole Surf+ Equip Downhole Shaker 1 Brandt VSM 300 20 top/100bottom 20 top/100bottom 1290.0bbl Dumped Dumped Shaker 3 Brandt VSM 300 20 top/100bottom Shaker 3 Brandt VSM 300 20 top/100bottom 25.0bbl De-Gasser De-Sander Brandt VSM 300 20 top/100bottom

Marine Weather on 23 Oct 2009 Rig Support Visibility Wind Speed Wind Dir. Pressure Air Temp. Wave Height Wave Dir. Wave Period Anchors Tension (klb) 10.0nm 17kn 234.0deg 1020.0mbar 12C° 1.2m 234.0deg 212.0 2 206.0 Heave Pitch Roll Rig Dir. Ris. Tension Weather Comments 3 204.0 317.0deg 240000.00klb 252000.00klb 4 195.0 Swell Height Swell Dir. Swell Period 5 Comments 216.0 6 201.0 1.5m 234.0deg 5s 7 199.0 213.0

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status		Bulks		
Far Scimitar			On location KT4	Item	Unit	Used	Quantity
				Rig Fuel	M3		504



Bristow Helicopters



Crew Change

			Item	Unit	Used	Quantity
			Potable Water	M3		515
			Drill Water	M3		196
				t		55
			Barite	t		0
İ			Bentonite	t		0
			Brine	M3		165
Far Fosna	06:00 hrs 17/10/09	Standby	/ Rig Item	Unit	Used	Quantity
			Rig Fuel	M3		324
			Pot Water	M3		463
			Drill Water	M3		362
			Bentonite	t		42
			Barite	t		20
				t		130
			Brine	M3		65
Helicopter Me	ovement					
Flight #	Company	Arr/Dep. Time	Pax In/Out	Com	ment	

10 / 13

09:18 hrs / 09:32 hrs