

DRILLING MORNING REPORT # 5
Trefoil-2

05 Oct 2009

 From: John Mcgarrity/ Peter Dane
 To: Texas Richards

Well Data						
Country	Australia	MDBRT	0.0m	Cur. Hole Size	AFE Cost	US\$33,167,745
Field	Trefoil	TVDBRT	0.0m	Last Casing OD	AFE No.	Trefoil-2
Drill Co.	Maersk	Progress	0.0m	Shoe TVDBRT	Daily Cost	US\$850,000
Rig	Kan Tan IV	Days from spud		Shoe MDBRT	Cum Cost	US\$4,067,261
Wtr Dpth(MSL)	69.0m	Days on well	4.13	FIT/LOT:	/	
RT-ASL(MSL)	26.0m	Planned TD MD	3221.0m	Current Op @ 0600	Prepare to spud	
RT-ML	95.0m	Planned TD TVDRT	3221.0m	Planned Op	Spud well. Drill 36" hole to section TD. POOH. Run 30" Conductor.	

Summary of Period 0000 to 2400 Hrs

Picked up 240 joints 5" drill pipe and racked in derrick.
 Held pre spud meeting with all personnel.
 Prepare and mix spud mud whilst picking up 36" BHA.

HSE Summary

Events	Num. Events	Days Since	Descr.	Remarks
Abandon Drill	1	5 Days	Held abandon Drill prior to tow.	
Last BOP stack test	2	31 Days	Test BOP	
Permit To Work	10	0 Days	Permits administered.	
Pre-tour Meeting	2	0 Days	Shift change meetings	
Safety Meeting	2	1 Day	Held 2 x General Safety Meeting	
STOP Card	34	0 Days	Number of STOP Cards submitted	

Operations For Period 0000 Hrs to 2400 Hrs on 05 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	G2	0000	0030	0.50	0.0m	Picked up 3 x 5" HWDP and racked back same in derrick. Drifted all tubulars with 3" drift.
P2	P	G2	0030	1600	15.50	0.0m	Picked up 240 joints of 5" HWDP and racked back same in derrick. Drifted all tubulars with 3" drift.
P2	P	G6	1600	2000	4.00	0.0m	Held JSA prior to picking up BHA. Made up 26" bit, 36" hole opener, bit sub and Anderdrift tools. RIH with same
P2	P	C13	2000	2100	1.00	0.0m	Held pre spud meeting with all personnel.
P2	P	G6	2100	2400	3.00	0.0m	Held JSA prior to picking up drill collars. Made up 3 x 9 1/2" drill collars, crossover, 1 x 8 1/4" drill collars. RIH with same.

Operations For Period 0000 Hrs to 0600 Hrs on 06 Oct 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
P2	P	G6	0000	0100	1.00	0.0m	Continued picking up 8 1/4" drill collars.
P2	P	G6	0100	0200	1.00	0.0m	Made up cement stand and racked back in derrick
P2	P	G6	0200	0330	1.50	0.0m	Continued picking up 8 1/4" drill collars.
P2	P	G6	0330	0400	0.50	0.0m	Made up crossover and pup joint and engaged TDS. Function tested Anderdrift survey tool. Good test.
P2	TP (RE)	G6	0400	0500	1.00	0.0m	Troubleshoot problems with AC Generator on EMD #3.
P2	P	F3	0500	0530	0.50	0.0m	Ran and tested pumps #1, #2 and #3 at 240 spm, 1200 gpm, 1180 psi. All pumps ok.
P2	P	G6	0530	0600	0.50	0.0m	Pick up remaining 8 1/4" drill collars

Operations For Period Hrs to Hrs on
Phase Data to 2400hrs, 05 Oct 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
Mob/Demob(P1)	69.5	21 Sep 2009	04 Oct 2009	69.50	2.896	0.0m
Conductor Hole(P2)	29.5	04 Oct 2009	05 Oct 2009	99.00	4.125	0.0m

General Comments	
00:00 TO 24:00 Hrs ON 05 Oct 2009	
Operational Comments	Held Pre Phase Meeting for running and cementing of 30in conductor.
Operational Comments	Held Pre Spud meeting with all personnel.

WBM Data		Cost Today US\$ 11853			
Mud Type:	PHB Gel	API FL:	Cl:	Solids(%vol):	Viscosity
Sample-From:		Filter-Cake:	K+C*1000:	H2O:	PV
Time:		HTHP-FL:	Hard/Ca:	Oil(%):	YP
Weight:		HTHP-cake:	MBT:	Sand:	Gels 10s
Temp:			PM:	pH:	Gels 10m
			PF:	PHPA:	Fann 003
Comment	Note: Cost is in AUD				Fann 006
					Fann 100
					Fann 200
					Fann 300
					Fann 600

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Rig Fuel	m3	0	2	0	587.0	
Drill Water	m3	0	60	0	366.0	
Potable Water	m3	49	18	0	179.0	
Aldacide	25kg/pail	0	0	0	32.0	
Barazan D+	25kg/sx	0	0	0	80.0	
Barite	MT	0	15	0	69.0	
Baradefoam-W300	can	0	0	0	16.0	
Barolift	boxes	0	0	0	18.0	
Bentonite	MT	42	0	0	42.0	
Caustic Soda	pail	0	12	0	20.0	
Con-Det	5 gal/pail	0	0	0	32.0	
Dextrid Lte	25kg/sx	0	0	0	72.0	
Guar Gum	25kg/sx	0	0	0	80.0	
Lime	sx	0	0	0	54.0	
Mica	25kg/sx	0	0	0	40.0	
Omyacarb 5	25kg/sx	0	0	0	96.0	
Pac-LE	25kg/sx	0	0	0	80.0	
Soda Ash	sx	0	8	0	32.0	

Pumps																	
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)	SPP1 (psi)	Flow1 (gpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (gpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (gpm)
1	Continental Emsco	6.50		97													
2	Continental Emsco	6.50		97													
3	Continental Emsco	6.50		97													

Personnel On Board	
Company	Pax
ADA	8
Maersk	45
OMS	15
GRN	3
Halliburton	2
Dril-Quip	2
Halliburton (Baroid)	2
Reach	1
PCS	3
Fugro ROV	6

Personnel On Board	
Halliburton	2
Geoservices	3
Other	4
Total	96

Mud Volumes, Mud Losses and Shale Shaker Data				Engineer : Jay Wan / James Munford			
Available	878.0bbl	Losses	0.0bbl	Equipment	Description	Mesh Size	Comments
Active	55.0bbl	Downhole					Mixing 750 bbl 10ppg Kill Mud & PHB sweeps
Mixing	823.0bbl	Surf+ Equip	0.0bbl				
Hole Plug Reserve Kill		Dumped De-Casser De-Sander De-Sifter Centrifuge					

Marine							
Weather on 05 Oct 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
8.0nm	18kn	211.0deg	1020.0mbar	9C°	1.3m	211.0deg	3s
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments	
317.0deg		154.00klb	1.8m	245.0deg	5s		
Comments							

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks			
Far Scimitar		23:55 hrs 04/10/09	Alongside South Wharf	Item	Unit	Used	Quantity
				Barite	t		0
				Bentonite	t		42
					t		120
				Potable Water	M3		370
				Drill Water	M3		0
				Rig Fuel	M3		200
Brine	M3		190				
ETA Geelong Pilot at 06:00 rs 05/10/09							
Far Fosna	0600		Standby Kan Tan 1V	Item	Unit	Used	Quantity
				Barite	t		42
				Bentonite	t		0
					t		126
				Drill Water	M3		640
				Pot Water	M3		390
Rig Fuel	M3		260				

Helicopter Movement				
Flight #	Company	Arr/Dep. Time	Pax In/Out	Comment
2	Bristow Helicopters	12:38 / 12:48	7 / 3	Crew Change
1	Bristow Helicopters	09:05 / 09:18	7 / 9	Crew Change