

From : Peter Devine/ Rohan Richardson
OIM : Dennis Gore

Well Data

Country	Australia	Measured Depth	1998.0m	Current Hole Size	311mm	AFE Cost	\$41,512,831
Field		TVD	1710.0m	Casing OD	340mm	AFE No.	5746043
Drill Contractor	DOGC	Progress	289.0m	Shoe MD	652.0m	Daily Cost	\$854,270
Rig	Ocean Patriot	Days from spud	23.87	Shoe TVD	652.0m	Cum Cost	\$1,544,556
Water Depth (LAT)	66.3m	Days on well	1.79	F.I.T. / L.O.T.	/ 2.20sg	Planned TD	2552.0m
RT-SL(LAT)	21.5m	Current Op @ 0600 Continue to circulate hole clean at section TD (2042m).					
RT-ML	87.8m	Planned Op POOH and lay out BHA. Rig up to and run 244 mm (9 5/8") by 273 mm (10 3/4") casing.					
Rig Heading	217.0deg						

Summary of Period 0000 to 2400 Hrs

Continued to RIH BHA from 93 m to 1709 m and drilled ahead to 1998 m MD. Circulated bottoms up for geological samples and prepared to control drill ahead.

Formations

Name	Top (MD)	Top (TVD)	Comment
Massacre Shale	1207.0m	1189.1m	33.3m Low
Timboon Fm	1222.0m	1202.2m	36.4m Low
Paarratte Fm	1443.0m	1382.3m	28.5m Low
Skull Creek Mudstone	1682.0m	1564.0m	19.7m Low

Operations For Period 0000 Hrs to 2400 Hrs on 17 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	HBHA	0000	0030	0.50	1709.0m	Continued to RIH BHA to 90 m and made up TDS. Worked through 340 mm (13 3/8") casing swage at 93 m with max slack off weight 0.9-1.8 t (2-4 klbs). Pulled back through to confirm free and worked back through same.
IH	P	TI	0030	0230	2.00	1709.0m	Continued to RIH from 95 m to 616 m.
IH	P	SC	0230	0500	2.50	1709.0m	Held pre job safety meeting and slipped and cut drill line.
IH	P	RS	0500	0530	0.50	1709.0m	Serviced block and TDS
IH	P	TI	0530	0800	2.50	1709.0m	Continued to RIH from 616 m to 1628 m. Made up TDS, washed and reamed tight spots at 1308 m, 1335 m.
IH	P	WIN	0800	1000	2.00	1709.0m	Made up TDS and washed in from 1628 m to 1709 m.
IH	P	DA	1000	2300	13.00	1998.0m	Drilled ahead intermediate hole from 1709 m to 1998 m MD, 1710 m TVD. Back reamed each stand at connections.
IH	P	CS	2300	2400	1.00	1998.0m	Circulated bottoms up at 1998 m MD, 1710 m TVD for geological samples.

Operations For Period 0000 Hrs to 0600 Hrs on 18 Sep 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
IH	P	DA	0000	0200	2.00	2039.0m	Drilled ahead from 1998 m MD, 1710 m TVD to 2039 m MD, (1715 m TVD). Formation resistivity marker observed at 1707.5 m TVD.
IH	P	CS	0200	0300	1.00	2039.0m	Circulated bottoms up for geological sample. 100 % Siltstone.
IH	P	DA	0300	0330	0.50	2047.0m	Drilled ahead from 2039 m MD, (1715 m TVD) to 2047 m MD, (1715.9 TVD).
IH	P	CS	0330	0430	1.00	2047.0m	Circulated bottoms up for geological sample; 60% ratty transitional sand / 40% siltstone. Estimated top of Waarre sand at 2041 m MD, from spot samples. Section TD called @ 2047 m MD.
IH	P	CHC	0430	0600	1.50	2047.0m	Took final survey and racked back stand of drill pipe. Continued to circulate hole clean at 3596 L/min (950 GPM).

WBM Data

Cost Today \$ 13499

Mud Type:	KCL/GLY	API FL:	5cm³/30m	KCl:	8%	Solids:	9.91	Viscosity:	0sec/L
Sample-From:	Flow Line	Filter-Cake:		Hard/Ca:	560	H2O:	90%	PV:	0.027Pa/s
Time:	22:30	HTHP-FL:		MBT:	6.5	Oil:		YP:	0.201MPa
Weight:	1.32sg	HTHP-Cake:	1mm	PM:	0.3	Sand:	0.5	Gels 10s:	0.057
Temp:				PF:	0.1	pH:	8.5	Gels 10m:	0.115
						PHPA:	1ppb	Fann 003:	10
								Fann 006:	13
								Fann 100:	40
								Fann 200:	57
								Fann 300:	69
								Fann 600:	96

Comment Treated the active with 2.5 ppb citric acid to reduce PH, 0.4 ppb soda ash to treat hardness and 0.4 ppb flowzan to maintain 6 RPM reading. JK-261 LV added direct to the active to increase PHPA concentration. Heavy losses over the shakers (40 bbls/hr) due to large amount of fine cuttings and rig heave. Changed out screens to 230/200 mesh.

Bit # 7				Wear	I	O1	D	L	B	G	O2	R
Size:	311mm	IADC#	M323	Nozzles			Drilled over last 24 hrs			Calculated over Bit Run		
Mfr:	REED	WOB(avg)	9.43mt	No.	Size	Progress	289.0m	Cum. Progress		289.0m		
Type:		RPM(avg)	116	1	15/32nd"	On Bottom Hrs	0.00h	Cum. On Btm Hrs		0.00h		
Serial No.:	121513	F.Rate	3505lpm	6	16/32nd"	IADC Drill Hrs	0.00h	Cum IADC Drill Hrs		0.00h		
Bit Model	RSX519 M-B30	SPP	21084kPa				Total Revs	Cum Total Revs		0		
Depth In	1709.0m	TFA	1.351				ROP(avg)	0.00 m/hr	ROP(avg)		0.00 m/hr	
Depth Out												

BHA # 7							
Weight(Wet)	19.05mt	Length	212.4m	Torque(max)	29.9Nm	D.C. (1) Ann Velocity	80.38mpm
Wt Below Jar(Wet)	17.24mt	String		Torque(Off.Btm)	21.8Nm	D.C. (2) Ann Velocity	0mpm
		Pick-Up		Torque(On.Btm)	10.9Nm	H.W.D.P. Ann Velocity	67.34mpm
		Slack-Off				D.P. Ann Velocity	55.32mpm

BHA Run Description							
Directional / FEWD							
Equipment	Length	OD	ID	Serial #	Comment		
Bit	0.32m	311mm		121513			
Powerdrive 900	9.05m	308mm	127mm	50347	Blank float installed. Xceed survey = 5.10m from the bit.		
ARC-8	5.90m	231mm	76mm	1871	Resistivity & Gama = 11.36m from the bit.		
In-Line Stabiliser	0.83m	291mm	111mm	ASQ8062			
Telescope HF	8.15m	213mm	76mm	E0005	Powerpulse survey = 19.25m from the bit.		
NMDC	9.37m	226mm	71mm	SBD4466			
NMDC	8.55m	213mm	71mm	N688			
X/O	1.09m	203mm	67mm	GUD123-1			
HWDP	121.38m	175mm	76mm				
6.375in Jars	9.73m	162mm	70mm	DAH01628			
HWDP	37.30m						

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance	Comment	
Barite	mT	0	0	0	0.0		
Gel	mT	0	0	0	0.0		
Cement	mT	0	0	0	0.0		
Fuel	m3	0	0	0	0.0		
Potable Water	m3	0	0	0	0.0		
Drill Water	m3	0	0	0	0.0		

Personnel On Board		
Company	Comment	Pax
Santos		5
DOGC		46
ESS		8
BHI		6
Dowell		2
Rheochem		2
MI Swaco		1
TMT		6
Cameron		2
Schlumberger Drilling & Measurements	MWD / LWD	3
Santos	Geologist	2
Schlumberger Drilling & Measurements	Directional	3
Premium Casing Services		6
Taylor Brothers		2
Other		4
Total		98

Shakers, Volumes and Losses Data				Engineer : Kellie Jericho / Fius Siregar			
Available	323.5m ³	Losses	59.8m ³	Equip.	Descr.	Mesh Size	Hours
Active	82.2m ³	Downhole	0.0m ³				
Mixing		Surf+ Equip	52.5m ³				
Hole	155.3m ³	Dumped					
Slug	0.0m ³	De-Sander					
Reserve	86.0m ³	De-Silter					
Kill	0.0m ³	Centrifuge	7.3m ³				
Storage							

Marine										
Weather check on 17 Sep 2008 at 24:00								Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Chain out (m)	Tension (mt)
18.5km	35km/h	30.0deg	1019.00bar	14.0C°	0.3m	30.0deg	3sec	1	1353.0	121.11
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	1372.8	120.20
0.5deg	0.4deg	0.60m	1.5m	225.0deg	12sec			3	1386.8	123.83
Rig Dir.	Ris. Tension	VDL	Comments					4	1414.0	126.10
217.0deg	122.47mt	927.14mt						5	1365.8	130.18
								6	1389.9	132.00
								7	1393.9	123.83
								8	1389.9	130.18

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Item	Unit	Quantity				
Far Grip		20:00 hrs 17/09/08	On steam to Portland. Pilot booked for 0800 hrs.	Fuel	m3	452
				Potable Water	m3	422
				Drill Water	m3	530
				Gel	mt	59
				Cement	mt	45.5
				Barite	mt	42
				KCl Brine	m3	9
				NaCl Brine	m3	0
					m3	117
				Mud	m3	
Nor Captain	20:00 hrs 17/09/08		Ocean Patriot Standby.	Fuel	m3	403
				Potable Water	m3	265
				Drill Water	m3	393
				Gel	mt	42
				Cement	mt	0
				Barite	mt	0
				KCl Brine	m3	0
				NaCl Brine	m3	0
				Mud	m3	139

Helicopter Movement				
Flight #	Time	Destination	Comment	Pax
BYV	11:06	Ocean Patriot		5
BYV	11:15	Essendon		4