

From : Peter Devine / Rohan Richardson
OIM : Rod Dotson

Well Data

Country	Australia	Measured Depth	2517.0m	Current Hole Size	216mm	AFE Cost	\$39,506,831
Field		TVD	1655.0m	Casing OD	244mm	AFE No.	5746046
Drill Contractor	DOGC	Progress	0.0m	Shoe MD	1936.0m	Daily Cost	\$1,453,590
Rig	Ocean Patriot	Days from spud	11.12	Shoe TVD	1680.0m	Cum Cost	\$36,298,128
Water Depth (LAT)	65.4m	Days on well	11.13	F.I.T. / L.O.T.	/	Planned TD	2503.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Continuing to RIH 168 mm (6 5/8") sand screens from 70 m.				
RT-ML	86.9m	Planned Op	Run lower completion to setting depth and set packer. P/t same and POOH running string.				
Rig Heading	215.0deg						

Summary of Period 0000 to 2400 Hrs

RIH with casing scraper assembly and scraped casing over packer setting depths. Dropped CCV opening ball and jetted BOP's. Dropped closing CCV ball and circulated through bit to clean up well. POOH and laid out cleanout assembly. Rigged up completion and umbilical sheaves in derrick. Installed co-flexip hose and secured same.

Formations

Name	Top (MD)	Top (TVD)	Comment
K85 Unconformity	1783.0m	1673.6m	
Waarre A	1792.0m	1683.1m	

Operations For Period 0000 Hrs to 2400 Hrs on 13 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CTB	P	TI	0000	0245	2.75	2517.0m	Continued to RIH from 236 m to 1476 m. Filled pipe and broke circulation.
CTB	P	SM	0245	0300	0.25	2517.0m	Held pre job safety meeting with rig crew, deck crew and third party on handling, making up and running 273 mm (10 3/4") Well Patroller tool.
CTB	P	HT	0300	0315	0.25	2517.0m	Picked up and made up 273 mm (10 3/4") Well Patroller tool.
CTB	P	TI	0315	0330	0.25	2517.0m	Continued to RIH on drillpipe from 1480 m to 1625 m.
CTB	P	HT	0330	0345	0.25	2517.0m	Picked up and made up CCV tool and Ball Catcher.
CTB	P	TI	0345	0415	0.50	2517.0m	Continued to RIH from 1629 m to 1745 m on drillpipe.
CTB	P	HT	0415	0430	0.25	2517.0m	Picked up and made up 476 mm (18 3/4") Riser Brush to drillpipe.
CTB	P	WCU	0430	0600	1.50	2517.0m	Commenced casing scraper run from 1746 m to 1804 m with 3218 l/min (850 gpm) flow rate, 15.2 MPa (2 200 psi). Total volume pumped 237 m3 (1495 bbls). Simultaneous Operations: Changed out shaker screens for 230 mesh. Off loaded completion equipment from NOR Captain to port side pipe deck.
CTB	P	TO	0600	0615	0.25	2517.0m	POOH from 1804 m to 1745 m, broke out and laid out riser brush.
CTB	P	WCU	0615	0700	0.75	2517.0m	Spaced out and functioned BOP rams and annular preventers.
CTB	P	WCU	0700	0745	0.75	2517.0m	Dropped CCV opening ball and pumped down at 3218 l/min (850 gpm). Sheared tool with 11 MPa (1600 psi). Picked up and jetted BOP's at 1272 l/min (8 bpm).
CTB	P	CHC	0745	0900	1.25	2517.0m	Dropped CCV closing ball and pumped down at 3218 l/min (850 gpm). Sheared tool with 11 MPa (1600 psi). RIH and circulated hi-vis pill with 2 times bottoms up.
CTB	P	TO	0900	1500	6.00	2517.0m	POOH casing cleanout string and laid out same. Recovered 3 kg of scale scrapings from Magnet Back tool.
CTB	P	RCM	1500	2100	6.00	2517.0m	Rigged up umbilical and TEC sheaves in derrick. Fed umbilical hose through sheave and secured same on rig floor.
CTB	P	SM	2100	2115	0.25	2517.0m	Held 'Time Out for Safety' meeting on the rig floor with senior DODI and Santos personnel, drill crew, deck crew and third party. Reviewed 2 incidents which occurred on the previous tour and associated safety outcomes. Opened the floor and discussed safe acts and feedback.
CTB	P	RCM	2115	2130	0.25	2517.0m	Held pre job safety meeting for Co-Flexip installation.
CTB	P	RCM	2130	2400	2.50	2517.0m	Rigged up Co-Flexip to stand pipe with flowhead end secured to the derrick.

Operations For Period 0000 Hrs to 0600 Hrs on 14 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CTB	P	RCM	0000	0100	1.00	2517.0m	Rigged up to run 168 mm (6 5/8") sand screens.
CTB	P	RCM	0100	0200	1.00	2517.0m	Picked up and made up bull nose to single joint of 168 mm (6 5/8") sand screen and landed out in rotary.
CTB	TP (OTH)	RIC	0200	0430	2.50	2517.0m	Unable to set slips due to insufficient pipe between screens and collar to fit slip type elevators and hand slips. Troubleshoot, layout single joint and shoe. Rig up to RIH with 168 mm (6 5/8") by 114 mm (4 1/2") IF xover made up to pick up sub on drill pipe elevators.
CTB	P	RIC	0430	0600	1.50	2517.0m	RIH bull nose shoe joint and 168 mm (6 5/8") sand screens to 70 m.

General Comments		
Comments	Rig Requirements	Lessons Learnt
Well Test 95% Complete Upper Completion 85% complete.		

WBM Data		Cost Today \$ 540	
Mud Type:	WFW	API FL:	4cm ³ /30m
Sample-From:	Pit	Filter-Cake:	0mm
Time:	18:30	HTHP-FL:	
Weight:	1.15sg	HTHP-Cake:	
Temp:			
KCl:	0%	Solids:	2.68
Hard/Ca:	320	H ₂ O:	97%
MBT:	0.3	Oil:	
PM:	0.2	Sand:	0.1
PF:	0.05	pH:	8.5
		PHPA:	Oppb
Viscosity:			
PV:			0.011Pa/s
YP:			0.158MPa
Gels 10s:			0.048
Gels 10m:			0.062
Fann 003:			10
Fann 006:			13
Fann 100:			30
Fann 200:			38
Fann 300:			44
Fann 600:			55

Comment Screen down shakers to 230 mesh in preparation for scraper run.

Bulk Stocks							
Name	Unit	In	Used	Adjust	Balance	Comment	
Barite	mT	0	0	0	84.0		
Gel	mT	0	0	0	53.0		
Cement	mT	0	0	0	70.0		
Fuel	m3	0	7.5	0	479.5		
Potable Water	m3	30	38	0	304.0		
Drill Water	m3	0	12	0	608.0		

Personnel On Board		
Company	Comment	Pax
Santos		6
Santos		2
DOGC		41
ESS		8
SPS		1
BHI		2
Dowell		1
Rheochem		1
TMT		6
Premium Casing Services		4
Expro		4
Baker Oil Tools		2
Other		1
Anadrill		1
Weatherford		2
Other		2
Cameron		3
DOGC Service		5
Schlumberger Testing		6
Other		1
Total		99

Casing			
OD	L.O.T. / F.I.T.	Casing Shoe (MD/TVD)	Cementing
762mm	/	130.90/130.90	As per cement data.
340mm	2.12 /	642.20/642.20	Class G lead slurry to surface. Class G tail TOC at ± 492m (150m).
244mm	/	1936.00/	

HSE Summary				
Events	Num Events	Date of Last	Days Since	Remarks
Abandon Drill	1	10 Aug 2008	3 Days	Abandonment drill completed after the fire drill. Completed full muster at lifeboat stations 1 and 3 in 6 minutes post fire drill completed.
Additional Supervision	1	14 Aug 2008	-1 Days	Night SOC confirmed to arrive on site Friday 15.08.08
Fire Drill	1	03 Aug 2008	10 Days	Simulated a fire in the main store room at 10:32. Fire under control at 10:42.
First Aid	1	13 Aug 2008	0 Days	During the relocation of a container on the port pipe deck, IP located hand on corner of a container to assist another roustabout to steady for placement. IP looked at the base of the container when it swung and caught his hand between the container and wall resulting in a bruised hand.
JHA	34	13 Aug 2008	0 Days	Drill crew - 11 Deck Crew - 15 Electrician - 1 Mechanic - 7
Lost Time Incident	1	30 May 2008	75 Days	Man had his left hand caught between an 8" drill collar and the casing tongs when he was trying to secure the tong. Preliminary checks on the rig deemed only stitches required and the hand was not broken. The person was medivac'd off the rig @ 23:00hrs. Man was released from Royal Hobart hospital with 12 stitches to the hand (no broken bones).
Medical Treatment Incident	1	24 Jul 2008	20 Days	IP sustained a deep cut to his left leg. This was caused by his foot slipping off a timber support and hitting his shin. The IP will be flown out on crew chopper. Note: IP received 7 stitches and has been given clearance to return to work. Resumed duties 25th Jul 08.
Medical Treatment Incident	1	13 Aug 2008	0 Days	During lifting operations of 3rd party tooling on the pipe deck, IP was assisting the dogman in attaching slings to the whip-line hook. During this process the hook swung and hit the IP in the side of the hardhat resulting in an injury to the IP's neck. The IP was immobilised as a precautionary measure, treated as per symptoms and in readiness for medivac to hospital for further assessment.
Pre-Tour Meeting	4	13 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	9	13 Aug 2008	0 Days	4 x hot work permits 5 x cold work permits
Rig Inspection	1	10 Aug 2008	3 Days	Conducted Santos STOP audit on portside and starboard side pipe racks. Multiple lifts have been conducted and the deck crew manage to maintain good housekeeping with only a few pieces of dunnage lying loose. This was put aside. Some containers were out of place however, crane was waiting on boat to offload immediately. Good job to deck crew and crane operator.
Safety Audit	1	30 Jul 2008	14 Days	EHSMS audit conducted onboard.
Safety Meeting	1	13 Aug 2008	0 Days	Held 'Time Out for Safety' meeting on the rig floor with senior DODI and Santos personnel, drill crew, deck crew and third party. Reviewed 2 incidents which occurred on the previous tour and associated safety outcomes. Opened the floor and discussed safe acts and feedback.
Santos Induction	1	13 Aug 2008	0 Days	Inducted new personnel to site after Diamond rig wide induction and walk around.
Stop Observations	36	13 Aug 2008	0 Days	18 - Safe 18 - Corrective Actions
STOP Tour	1	09 Aug 2008	4 Days	Submitted Diamond supervisor audits.
Trip/Pit Drill	1	09 Aug 2008	4 Days	Sounded the alarm on the drill floor for a kick drill. Shut in DP, spaced out and closed BOP's. Conducted choke drill by circulating fluid through choke manifold

Shakers, Volumes and Losses Data				Engineer : Kelly Jericho			
Available	381.8m ³	Losses	1.7m ³	Equip.	Descr.	Mesh Size	Hours
Active	80.8m ³	Downhole	1.7m ³	Centrifuge 1	MI SW FVS 518		6
Mixing	0.0m ³	Surf+ Equip	0.0m ³	Centrifuge 1	MI SW FVS 518		0
Hole	109.7m ³	Dumped		Centrifuge 2	MI SW FVS 518		6
Slug		De-Sander		Centrifuge 2	MI SW FVS 518		0
Reserve	31.0m ³	De-Silter		Shaker 3	Bem 650 - MI SW	20 / 20 200 HC x 4	12
Kill		Centrifuge		Shaker 3	Bem 650 - MI SW	40 / 20 230 HC x 4	5
Storage	160.3m ³			Shaker 4	Bem 650 - MI SW	20 / 20 200 HC x 4	12
				Shaker 4	Bem 650 - MI SW	40 / 20 230 HC x 4	5
				Shaker 5	Bem 650 - MI SW	20 / 20 200 HC x 4	12
				Shaker 5	Bem 650 - MI SW	40 / 20 230 HC x 4	5
				Shaker 6	Bem 650 - MI SW	20 / 20 200 HC x 4	12
				Shaker 6	Bem 650 - MI SW	40 / 20 230 HC x 4	5

Marine										
Weather check on 13 Aug 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)
22.2km	48km/h	225.0deg	1026.00bar	10.0C°	1.0m	225.0deg	7sec	1	1382.9	127.91
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	1382.9	127.91
0.7deg	0.5deg	1.50m	4.0m	203.0deg	14sec			3	1399.9	140.16
Rig Dir.	Ris. Tension	VDL	Comments					4	1376.8	136.08
215.0deg	124.74mt	993.37mt						5	1410.9	135.17
								6	1421.0	132.00
								7	1410.9	120.20
								8	1414.0	122.02

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip		19:50 hrs 12.08.08	Portland	Item	Unit	Quantity
				Fuel	m3	466
				Potable Water	m3	255
				Drill Water	m3	410
				KCl Brine	m3	140
				NaCl Brine	m3	19
				Mud	m3	14
				Cement	mT	43.5
				Barite	mT	84
Gel	mT	59				
Nor Captain	19:30 hrs 12.08.08		Standby Ocean Patriot	Item	Unit	Quantity
				Fuel	m3	367.4
				Potable Water	m3	380
				Drill Water		193
				Cement	mT	38
				Gel	mT	42
				Mud	m3	224
				Barite	mT	28

Helicopter Movement					
Flight #	Time	Destination	Comment	Pax	
GYJ	11:16	Essendon			12
GYJ	11:33	Ocean Patriot			12
HEMS	12:22	Ocean Patriot	Medivac.		0
HEMS	13:10	Essendon			1