

From : Chris Roots / 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	\$784,935
Rig	Ocean Patriot	Days from spud	15.12	Shoe TVD	1680.0m	Cum Cost	\$39,693,177
Water Depth (LAT)	65.4m	Days on well	15.13	F.I.T. / L.O.T.	/	Planned TD	2503.0m
RT-SL(LAT)	21.5m	Current Op @ 0600	Continue to make up flow head.				
RT-ML	86.9m	Planned Op	Make up flow head, landout and lock tubing hanger in XT. Displace tubing to diesel, set upper production packer and flow back well.				
Rig Heading	215.0deg						

Summary of Period 0000 to 2400 Hrs

P/t TRSV and continued to RIH to tubing hanger. Made up tubing hanger to tubing and installed TRSV, PDHG cable. Made up LLSA and continued to RIH to lubricator valve.

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 17 Aug 2008

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CTB	P	PT	0000	0130	1.50	2517.0m	Continued to pressure test TRSV to 8000 psi (15 min test). Chart behaved erratically. Troubleshoot and changed out chart paper, good test obtained. TRSV cycle pressure for 3 by tests: Opening pressure: 16.1 MPa (2300 psi). Closing pressure: 11.9 MPa (1700 psi).
CTB	P	RTB	0130	0415	2.75	2517.0m	Continued to RIH upper completion on 178mm (7") 13Cr80 JFE Bear.
CTB	TP (OTH)	RTB	0415	0515	1.00	2517.0m	Laid out joint #117 - high shoulder.
CTB	P	RTB	0515	0700	1.75	2517.0m	Continued to RIH to tubing hanger. PQ Gauge Readings: Pressure 16.2 MPa (2316 psi), Temp 65.13 deg C, 17.98 VDC, 15.8 mA
CTB	P	SM	0700	0730	0.50	2517.0m	Held pre job safety meeting prior to picking up tubing hanger.
CTB	P	HT	0730	0830	1.00	2517.0m	Picked up and made up tubing hanger. Connected TRSV control line.
CTB	P	PT	0830	0930	1.00	2517.0m	Pressure test gauge to 52 MPa (7500 psi). TRSV chart recorder not working, changed out to PDHG unit, and continued to pressure test. TRSV cycle pressure for 3 by tests: Opening pressure: 15.4 MPa (2200 psi) Closing pressure: 11.2 MPa (1600 psi) P/t to 52.5 MPa (7500 psi) for 15 min (250 mL fluid returns)
CTB	P	HT	0930	1100	1.50	2517.0m	Connected down hole gauge cable.
CTB	TP (OTH)	PT	1100	1200	1.00	2517.0m	Attempted to p/t to 35 MPa (5000 psi), unsuccessful, leak in surface test lines. Changed out and re tested to 35 MPa (5000 psi) for 15 min, ok.
CTB	P	RCM	1200	1400	2.00	2517.0m	Clear drill floor and rig up to run LLSA
CTB	U (RE)	RR	1400	1500	1.00	2517.0m	Forward Man Rider line became tangled between TDS dolly track and TDS & tugger line parted (tugger was not in use at the time).
CTB	P	SM	1500	1530	0.50	2517.0m	Held pre job safety meeting for make up landing string.
CTB	P	HT	1530	1600	0.50	2517.0m	Picked up landing string, removed test cap and functioned tested as per procedure.
CTB	P	HT	1600	1745	1.75	2517.0m	Made up LLSA to tubing hanger and picked up string weight.
CTB	P	RTB	1745	1800	0.25	2517.0m	Conducted final gauge continuity test through tubing hanger. Temp 69.5 deg C, Pressure: 17.3 MPa (2471 psi), Voltage: 15.9 V.
CTB	P	RTB	1800	1945	1.75	2517.0m	RIH LLSA, re-installed master bushings and installed BJ350 spider slips. Note: Ballast rig port / aft.
CTB	P	HT	1945	2000	0.25	2517.0m	Landed LLSA in slips.
CTB	TP (VE)	RTB	2000	2115	1.25	2517.0m	Power tong dies caused excessive gouging to casing pup joint. Laid out pup joint and repositioned casing tong.
CTB	P	RTB	2115	2130	0.25	2517.0m	Made up pup joint F to LLSA.
CTB	TP (VE)	RTB	2130	2145	0.25	2517.0m	Elevators not latching due to handle being bent. Released handle, tightened bolt on handle engage pin and retightened bolt.
CTB	P	RTB	2145	2345	2.00	2517.0m	Landed out pup joint F in slips and made up pup joint D. Ran 4 joints of 244 mm (9 5/8") landing string.
CTB	P	HT	2345	2400	0.25	2517.0m	Picked up and made up LV assembly.

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

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CTB	P	HT	0000	0100	1.00	2517.0m	Removed BJ350 slips and master bushings to run LV assembly through RT. Note: Slight damage to outer encapsulation of LLSA umbilical due to rubbing on slotted bowl, starboard side of rotary.
CTB	P	PT	0100	0115	0.25	2517.0m	Function tested LV with HPU: Close - 4.14 L with 21 MPa (3000 psi) for 5 min, 52 strokes. Open - 3.40 L with 21 MPa (3000 psi) for 5 min, 46 strokes.
CTB	P	RIC	0115	0130	0.25	2517.0m	Ran LV through rotary table. Note: Ballast rig port side.
CTB	P	HT	0130	0200	0.50	2517.0m	Re-installed master bushings and BJ350 slips.
CTB	P	RIC	0200	0230	0.50	2517.0m	Made up pup joint B to tubing. Note: Ballast rig to port/aft.
CTB	P	RIC	0230	0245	0.25	2517.0m	Made up pup joint C.
CTB	P	SM	0245	0300	0.25	2517.0m	Held pre job safety meeting prior to positioning Co-Flexip hose onto drill floor.
CTB	P	HT	0300	0500	2.00	2517.0m	Positioned Co-Flexip hose ready for make up and rigged up 13.7 m (45') bails.
CTB	P	SM	0500	0515	0.25	2517.0m	Held pre job safety meeting for making up flow head.
CTB	P	HT	0515	0600	0.75	2517.0m	Picked up and made up flow head.

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	7.6	0	443.7	
Potable Water	m3	30	27	0	314.0	
Drill Water	m3	0	36	0	469.0	

Personnel On Board

Company	Comment	Pax
Santos		9
DOGC		40
ESS		8
BHI		2
Dowell		2
Rheochem		1
TMT		6
Premium Casing Services		4
Expro		5
Baker Oil Tools		2
Rig Cool		2
Halliburton		1
Other		1
Other		2
Cameron		4
Other		1
Schlumberger Testing		8
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	7 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	15 Aug 2008	2 Days	Night SOC positioned filled by Phil Dennis on the 15.08.08.
Fire Drill	1	10 Aug 2008	7 Days	Simulated a fire in the main store room at 10:32. Fire under control at 10:42.
First Aid	1	13 Aug 2008	4 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	23	17 Aug 2008	0 Days	Drill crew - 10 Deck Crew - 9 Welder - 2 Mechanic - 2
Lost Time Incident	1	30 May 2008	79 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	13 Aug 2008	4 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	17 Aug 2008	0 Days	Discussed upcoming operations and associated hazards prior to each shift starting.
PTW Issued	11	17 Aug 2008	0 Days	7 x hot work permits 4 x cold work permits
Rig Inspection	1	10 Aug 2008	7 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	18 Days	EHSMS audit conducted onboard.
Safety Meeting	1	13 Aug 2008	4 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.
Safety Meeting	3	17 Aug 2008	0 Days	Reviewed stop cards for the week and awarded Santos best stop card th Carl Hoseason. Reviewed safety alerts from other DODI facilities. Reviewed medivac incident from previous week and first aid.
Santos Induction	1	18 Aug 2008	-1 Days	Gave Santos induction to new personnel to site after DODI induction.
Stop Observations	41	17 Aug 2008	0 Days	21 - Safe 20 - Corrective Actions
STOP Tour	1	09 Aug 2008	8 Days	Submitted Diamond supervisor audits.
Trip/Pit Drill	1	09 Aug 2008	8 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	155.0m ³	Losses	2.2m ³	Equip.	Descr.	Mesh Size	Hours
Active	52.6m ³	Downhole		Centrifuge 1	MI SW FVS 518		0
Mixing	0.0m ³	Surf+ Equip	0.0m ³	Centrifuge 2	MI SW FVS 518		0
Hole	95.4m ³	Dumped	2.2m ³	Shaker 3	Bem 650 - MI SW	40 / 20 230 HC x 4	0
Slug		De-Sander		Shaker 4	Bem 650 - MI SW	40 / 20 230 HC x 4	0
Reserve	7.0m ³	De-Silter		Shaker 5	Bem 650 - MI SW	40 / 20 230 HC x 4	0
Kill		Centrifuge		Shaker 6	Bem 650 - MI SW	40 / 20 230 HC x 4	0
Storage							

Marine								Rig Support		
Weather check on 17 Aug 2008 at 24:00										
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Chain out (m)	Tension (mt)
18.5km	30km/h	240.0deg	1025.00bar	10.0C°	1.0m	240.0deg	5sec	1	1382.9	130.18
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments				
0.4deg	0.3deg	0.80m	2.0m	225.0deg	13sec					
Rig Dir.	Ris. Tension	VDL	Comments							
215.0deg	124.74mt	863.19mt								
								2	1382.9	130.18
								3	1399.9	132.00
								4	1376.8	127.91
								5	1410.9	130.18
								6	1421.0	128.82
								7	1410.9	123.83
								8	1414.0	126.10

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Far Grip	23:45 hrs 17.08.08		Standby Ocean Patriot.	Item	Unit	Quantity
				Fuel	m3	430
				Potable Water	m3	499
				Drill Water	m3	410
				KCl Brine	m3	137
				NaCl Brine	m3	19
				Mud	m3	157
				Cement	mt	43.5
				Barite	mt	84
Gel	mt	59				
Nor Captain		23:45 hrs 17.08.08	On steam to Portland, ETA 07:00 hrs to meet pilot.	Item	Unit	Quantity
				Fuel	m3	326.6
				Potable Water	m3	360
				Gel	mt	42
				Cement	mt	38
				Drill Water	m3	193
				Barite	mt	70
				Mud	m3	36

Helicopter Movement				
Flight #	Time	Destination	Comment	Pax
GYJ	11:51	Ocean Patriot		9
GYJ	12:04	Essendon		9