



21 Jun 2009

DRILLING MORNING REPORT # 3
Basker 3 Workover

Well Data							
Country	Australia	M. Depth	0.00m	Cur. Hole Size	AFE Cost	\$ 32256870	
Permit	VIC/L26	TVD	0.00m	Casing OD	AFE No.	DMGOD209D22	
Drill Co.	N/A - Ocean Patriot	Progress	0.0m	Shoe TVD	Daily Cost	\$ 875798	
Rig	Ocean Patriot	Days from spud		FIT	Cum Cost	\$ 2888318	
Wtr Dpth(MSL)	152.90m	Days on well	2.60	LOT	Planned TD		
RT-ASL(MSL)	21.50m	Lat	38 ° 17 ' 58.972 " S	Long	148 ° 42 ' 24.873 " E	Datum	GDA94
RT-ML	174.40m	Current Op @ 0600	Slick line running in hole with POP at 3444 m.				
		Planned Op	Set POP in X nipple. Open SSD and circulate hole to 1.08 brine above SSD. Run tubing hanger plug. Pull SST.				

Summary of Period 0000 to 2400 Hrs

Completed surface lines rig and secured same. Filled surface lines with 1.08 sg brine. Pressure tested kill line, good test. Rigged up slick line lubricator c/w drift tool and pressure tested same, good test. Pressure tested AA line, good test. Completed SST valve sequence function test. Opened AAV, pressured up on AMV and observed pressure drop when AMV opened. Closed AMV, bled off pressure. Closed AAV, pressured up on PSV, observed pressure drop when PSV opened. Locked opened SSSV. Pressured up on PMV, observed pressure drop when PMV opened. Bullheaded with cement unit. Ran slick line drift tool to 3540 m. Ran slick line POP to SSD at 3507 m, attempted work past 3507 m, unsuccessful. POP set at 3507 m. Commenced continuous jarring with slick line to free same.

Operations For Period 0000 Hrs to 2400 Hrs on 21 Jun 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P		0000	0100	1.00	0.0m	Completed rigging up kill line. Installed safety slings. Held JSA for pressure testing VT 139.7mm (5 1/2") tubing riser.
PROD	P	TEST	0100	0200	1.00	0.0m	Concurrent operations: Jumped ROV at 0015hrs. Attempted to install production mounting plate, unsuccessful due to bush being located on alignment guide pin. Filled kill line, production line and VT 139.7mm (5 1/2") riser with 1.08 sg filter brine. Pressure test kill line to 34.47 MPa (5000 psi) for 5 mins, good test. Pressure tested kill line, production line against well test manifold, WOV and PSV to 3.45/34.47 MPa(500/5000 psi) for 5/10 mins, good test.
PROD	P	SLIK	0200	0330	1.50	0.0m	Concurrent operations: ROV installed AA plug on parking frame. ROV released guide line #1 hindering installation of AA line on SST. ROV installed AA line on SST. Rigged up slick line BOP and lubricator c/w drift tool.
PROD	P	TEST	0330	0400	0.50	0.0m	Concurrent operations: ROV back on surface at 02:15 hrs. Commenced changing out FLOT and installing torq tool on 7 arm function tool. Pressure tested slick line lubricator to 3.45/27.58 MPa (500/4000 psi) for 5/10 mins, good test.
PROD	P	TEST	0400	0500	1.00	0.0m	Concurrent operations: ROV completed tool change. Filled AA line to reel via kill line and well test production line. Pressure tested to 3.45/34.47 MPa (500/5000 psi) for 5/10 mins, good test.
PROD	P	TEST	0500	0530	0.50	0.0m	Concurrent operations: ROV removed bridging plate from SST and parked on landing mat and installed IWOCS on SST. Pressure tested down against AAV via AA line and well test production line to 3.45/34.47 MPa (500/5000 psi) for 5/10 mins, good test.
PROD	P		0530	0600	0.50	0.0m	Held JSA for SST valve functioning sequence as per program. Functioned: AAV XOVCIV
PROD	P		0600	0700	1.00	0.0m	Concurrent operations: Held JSA for bull heading operation. ROV monitored SST valve movements. Open AAV, cement unit applied 20.68 MPa (3000psi) to AMV. Opened AMV, 2.07 MPa (300psi) observed pressure drop after opening AMV to 18.61 MPa (2700psi) on well test choke manifold. Closed AMV and bled off pressure. Closed AAV. Applied 20.68 MPa (3000psi) to top of PSV. Opened PSV, observed pressure drop of 2.07 MPa (300psi) to 18.61 MPa (2700psi). Applied 34.47 MPa (5000psi) on SSSV control line. Applied 20.68 MPa (3000psi) to top of PMV. Open PMV with 2.07 MPa (300psi) pressure drop to 18.61 MPa (2700psi) in riser tubing.
							Concurrent operations: ROV monitored SST valve movements.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	KILL	0700	0800	1.00	0.0m	Bullhead down tubing with cement unit at 2 to 7 bbls/min. Initial THP 19.30 MPa (2800psi), final THP 0 MPa (0 psi). Cement unit pumped 7.95 m3 (50 bbls) of HEC and displaced with 18.76 m3 (118bbl) 1.08 sg (9.0ppg) filtered brine fluid.
PROD	P		0800	0930	1.50	0.0m	Ran in hole with slickline drift tool string to 3540m and pulled out of hole with same. Closed PSV, WOV and bled off pressure to zero at well choke manifold.
PROD	P	SLIK	0930	1000	0.50	0.0m	Concurrent operations: Ran UH-550 parking hub on 15T winch to installed on TPF. Broke out lubricator in-situ sub connection and laid down drift tool string. Made up POP tool string and installed in lubricator. Made up lubricator in-situ sub connection. While opening the lo-torque valve on kill line, slickline tool string jumped due standpipe hydrostatic pressure in kill line against zero pressure in lubricator, causing damage to slickline.
PROD	TP	SLIK	1000	1100	1.00	0.0m	Concurrent operations: Ran UH-550 parking hub on 15T winch and installed on TPF. Broke out lubricator and lowered POP tool string and laid down same. Re-headed slickline. Picked up POP tool string and installed in lubricator. Made up in-situ sub connection on lubricator, pressure test same to 27.58 MPa (4000 psi).
PROD	P	SLIK	1100	1200	1.00	0.0m	Concurrent operations: ROV disconnected WSL from SST and moved over to UH-550 parking hub, winch wire short. Installed blind UH-550 hub to SST WSL. Opened WOV and applied 1.38 MPa (200psi) to top of PSV. Open PSV, 3.45 MPa (500psi) on THP. While running in with slickline pumped additional 5 bbls down tubing. Pressure at THP 3.45 MP (500psi).
PROD	P	SLIK	1200	1400	2.00	0.0m	Concurrent operations: ROV monitored SST valve movements. Pressure tested CVC and UH-550 plugs via cement unit down AA hose to 3.45/27.58 MPa (500/4000 psi)
PROD	TP	SLIK	1400	1630	2.50	0.0m	Continued to run in hole with POP tool string to 915 m, with running speed reducing. Continued to run in hole with POP tool string to 3096 m pumping at 159lts/min (1 bbl/min) with cement unit. Total pumped 21.78 m3 (137 bbls). Transferred over to rig pump, pumping at 340lts/min (2.14 bbl/min), pumped 3.74 m3 (23.5 bbls). POP tool string hung up at 3507 m on SSD. Attempted to work POP tool string past 3507m pumping at 159lts/min (1 bbl/min) with rig pump, no success. POP set at 16:20 hrs at 3507 in SSD. Total pumped with rig pump 6.52 m3 (41 bbls). THP 5.52 MPa (800psi)
PROD	TP	SLIK	1630	1730	1.00	0.0m	Sheared off POP and pulled out of hole.
PROD	TP	SLIK	1730	1800	0.50	0.0m	Held JSA. Closed PSV, bled off pressure and closed WOV. Broke out in-situ sub and dressed retrieval tool string with a GR pulling tool c/w prong and knuckle joint. Installed in lubricator.
PROD	TP	SLIK	1800	1930	1.50	0.0m	Concurrent operations: ROV lifted UH-550 from TPF parking hub. Pressure tested lubricator in-situ sub to 27.58 MPa (4000 psi), good test. Equalized pressure above PSV to 6.89 MPa (1000 psi) using rig pump, opened PSV and observed THP 8.27 MPa (1200 psi). Ran in hole with GR tool c/w prong to 3507 m. Latched onto POP at 19:40 hrs, prong engaged pressure equalized at 10.34 MPa (1500 psi).
PROD	TP	SLIK	1930	2400	4.50	0.0m	Concurrent operations: ROV lowered WSL into UH-550 parking hub and made up same. Lowered WSL to landing mat. Continuous jarring on POP at 3507 m, using mechanical and power jars. Observed THP decreasing at 19:30 hrs from 10.34 MPa (1500 psi), gradually decreasing to 5.17 MPa (750 psi) at 24:00 hrs. Concurrent operations: Recovered B3 bridging plate and LTC to surface using fwd pod line. Flow line disconnection activities completed. ROV back on surface at 22:30 hrs. ROV recalibrate tools for B5 FPSO test.

Operations For Period 0000 Hrs to 0600 Hrs on 22 Jun 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	TP	SLIK	0000	0030	0.50	0.0m	Continued with jarring on POP at 3507 m, using mechanical and power jars. POP jarred free at 00:30 hrs. THP reduced to 5.17 MPa (750 psi)
PROD	TP	SLIK	0030	0200	1.50	0.0m	Slick line pulled out of hole with GR/Prong tool string c/w POP. THP 6.20 MPa (900 psi). Concurrent operations: ROV at 0115 hrs assisted with B5 SST Post-Workover test procedure with Crystal Ocean.
PROD	TP	SLIK	0200	0300	1.00	0.0m	Closed PSV and bled off 6.20 MPa (900 psi) via well test manifold slowly, line freezing up. Concurrent operations: ROV assist with B5 SST Post-Workover test procedure with Crystal Ocean.
PROD	TP	SLIK	0300	0400	1.00	0.0m	Broke lubricator at in-situ sub connection. Inspected POP, o-ring missing. Broke out



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	TP	SLIK	0400	0600	2.00	0.0m	<p>POP, knuckle joint and power jar. Inspected and function tested power jar to 600 lbs tension, good test. Made up spare POP with metal adaptor/no o-ring and power jar. Installed POP tool string in lubricator, made up in-situ sub connection and tested same to 27.58 MPa (4000 psi). Opened WOV, pressured up to 6.89 MPa (1000 psi) and equalized pressure on PSV, opened PSV.</p> <p>Concurrent operations: ROV assist with B5 SST Post-Workover test procedure with Crystal Ocean.</p> <p>Slick line ran in hole with POP tool string to 3444 m.</p> <p>Concurrent operations: ROV assist with B5 SST Post-Workover test procedure with Crystal Ocean, procedure completed at 05:05 hrs.</p>

Phase Data to 2400hrs, 21 Jun 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
PRODUCTION SECTION(PROD)	62.50	19 Jun 2009	21 Jun 2009	62.50	2.60	0.0m

WBM Data Cost Today \$ 18199

Mud Type:	API FL:	Cl:	62000mg/l	Solids(%vol):	Viscosity	
Sample-From:	Filter-Cake:	K+C*1000:		H2O:	PV	
Time:	HTHP-FL:	Hard/Ca:		Oil(%):	YP	
Weight:	1.08sg	HTHP-cake:		Sand:	Gels 10s	
Temp:		MBT:		pH:	Gels 10m	
		PM:		PHPA:	Fann 003	
		PF:			Fann 006	
					Fann 100	
					Fann 200	
Comment	Total cost:\$ 54,587.87				Fann 300	
					Fann 600	

WBM Data Cost Today \$ 9877

Mud Type:	API FL:	Cl:	62000mg/l	Solids(%vol):	Viscosity	
Sample-From:	Filter-Cake:	K+C*1000:		H2O:	PV	
Time:	HTHP-FL:	Hard/Ca:		Oil(%):	YP	
Weight:	1.08sg	HTHP-cake:		Sand:	Gels 10s	
Temp:	7C°	MBT:		pH:	Gels 10m	
		PM:		PHPA:	Fann 003	
		PF:			Fann 006	
					Fann 100	
					Fann 200	
Comment	Total cost:\$ 12281.73				Fann 300	
					Fann 600	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Fuel	M3	0	8.6	0	469.8
Potable Water	M3	35	27	0	299.0
Drill Water	M3	0	3	0	499.0

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (mm)	MW (sg)	Eff (%)	SPM (SPM)	SPP (kPa)	Flow (lpm)	Depth (m)	SPM1 (SPM)	SPP1 (kPa)	Flow1 (lpm)	SPM2 (SPM)	SPP2 (kPa)	Flow2 (lpm)	SPM3 (SPM)	SPP3 (kPa)	Flow3 (lpm)
1	NATIONAL 12P - 160	152.40		97													
2	NATIONAL 12P - 160	152.40		97													
3	NATIONAL 12P - 160	152.40		97													

Personnel On Board

Job Title	Personnel	Company	Pax
Senior Drilling Supervisor	Ivan Parkhurst	Anzon Australia Pty Limited	1
Drilling Supervisor	Calvin McCabe	Anzon Australia Pty Limited	1
Lindsay Taylor	Shelly Hares	Anzon Australia Pty Limited	1



Personnel On Board

HSE	Shaun Hingerty	Anzon Australia Pty Limited	1
Subsea Supervisor	Craig Whimp crew	AGR Asia Pacific	6
OIM	Dennis Gore	Diamond Offshore	1
Slick Line	Schlumberger	Anzon Australia 3rd Party	4
Mudlogging	BHI	Anzon Australia 3rd Party	2
Drilling Fluids	MI	Anzon Australia 3rd Party	1
Wellhead	Cameron	Anzon Australia 3rd Party	5
ROV	Subsea 7	Anzon Australia 3rd Party	6
Well test	Schlumberger	Anzon Australia 3rd Party	4
Filtration	Stottech	Anzon Australia 3rd Party	2
Cementing	Dowell	Anzon Australia 3rd Party	1
Surveying	Neptune Marine	Anzon Australia 3rd Party	1
Rig Crew	Drilling	Diamond Offshore 3rd Party	46
Other		Diamond Offshore 3rd Party	3
Catering	ESS	Diamond Offshore 3rd Party	8
Completion Supervisors	Dave Ogilvy Nigel Fletcher	AWT	2
TBG	BJ	Anzon Australia 3rd Party	1
Total			97

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
LTI		117		
Abandon Drill	21 Jun 2009	0 Days		Full muster at 11:00 hrs
Fire Drill	21 Jun 2009	0 Days		Simulated in well test area. Full muster at 10:53 hrs
First Aid Case	15 Jun 2009	6 Days		IP came out of freezer and reached to shut door as another person opened the outside accommodation door catching the IP right hand between two doors. Minor first aid.
JSA	21 Jun 2009	0 Days		Drill crew - 4 Crane crew - 14 Mechanic - 3 Welder - 3 Sub Sea -2 Marine - 0 Pump room - 1 Electrician - 2
Lost Time Incident	15 Jun 2009	6 Days	117 days	LTI = 117 days since start of rig assignment on 25 Feb 2009.
Permit To Work	21 Jun 2009	0 Days		Hot - 3 Cold - 10
Pre-Tour Meetings	21 Jun 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	21 Jun 2009	0 Days		Safe - 80 Unsafe - 34
Weekly Safety Meeting	21 Jun 2009	0 Days		13:00 hrs 19:00 hrs 00:30 hrs

Shakers, Volumes and Losses Data

Engineer : Manfred Olejniczak

Equip.	Descr.	Mesh Size	Available	242.13m ³	Losses	68.36m ³	Comments
			Active		Downhole	68.36m ³	Filtered brine
			Mixing		Surf+ Equip	0.00m ³	
			Hole		Dumped		
			Slug		De-Gasser		
			Reserve	242.13m ³	De-Sander		
			Kill		De-Silter		
					Centrifuge		

Marine



Weather on 21 Jun 2009							
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10nm	12kn	60.0deg	1019.0mbar	17C°	0m	60.0deg	3s
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments	
0.2deg	0.2deg	0m	1m	50.0deg	10s		
Rig Dir.	Ris. Tension	VDL	Comments				
249.0deg		1926mt					

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
JYA	S76	08:09 / 08:18	8 / 7	Crew change.
JYA	S76	10:12 / 10:17	3 / 4	Crew change

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Lewek Emerald	23:40 hrs 20-06-09		On location.	Item	Unit	Quantity
				Fuel	M3	534.5
				Potable Water	M3	220
				Drill Water	M3	
				Barite	MT	
				Gel	MT	
				Cement	MT	
Brine	M3	218.08				
Lewek Swift			At Geelong	Item	Unit	Quantity
				Fuel	M3	356.1
				Potable Water	M3	339
				Drill Water	M3	
				Barite	MT	
				Gel	MT	
				Cement	MT	
Brine	M3	157.07				
Pacific Protector		19:55 hrs 19-6-09	At Geelong	Item	Unit	Quantity
				Fuel	M3	613
				Potable Water	M3	385
				Drill Water	M3	
Yarabah	23:45 hrs 18-6-09		On standby	Item	Unit	Quantity
				Fuel	M3	140
				Potable Water	M3	420