



19 Jul 2009

DRILLING MORNING REPORT # 31
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.	Diamond Offshore	Progress	0.0m	Shoe TVD	Daily Cost	\$ 858377	
Rig	Ocean Patriot	Days from spud		FIT	Cum Cost	\$ 32296211	
Wtr Dpth(MSL)	152.90m	Days on well	30.60	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	Continued to hold interim pressure at 6.9 MPa (1000 psi) until stabilization period of 1% drop over 5 mins as to procedure.				
		Planned Op	Pressure test well production line and well service line from annulus access line via subsea tree to subsea production manifold. Disconnect annulus access line to subsea tree. Perform final pressure test #7 via IWOCs. Disconnect IWOCs from subsea tree. Pull and recover subsea tree running tool with landing string. Run and install subsea tree cap on landing string. Perform seabed survey with ROV. Skid to Basker 7 location.				

Summary of Period 0000 to 2400 Hrs
Completed function tests on down hole completion HCM-A valves. Pressured up on tubing string to 5.2 MPa (750 psi) to inflow test PMV. Completed final 6 x subsea tree suspension pressure tests. Reconnected production HFL to subsea tree. Reconnected CVC to subsea tree.

Operations For Period 0000 Hrs to 2400 Hrs on 19 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	TEST	0000	0400	4.00	0.0m	Continued to function test 8 of 14 cycles on upper down hole completion HCM-A valves with 51.8 MPa (7,500 psi) operational pressure. Function tested 14 of 14 cycles on lower down hole completion HCM-A valves with 51.8 MPa (7,500 psi) operational pressure.
CMPLT	P	TEST	0400	0430	0.50	0.0m	Pressured up on tubing string to 5.2 MPa (750 psi) against closed HCM-A valves. Closed subsea tree PMV. Bled pressure above PMV to 1.4 MPa (200 psi) and performed an inflow test on PMV for 15 mins - good. Pressure string back to 5.2 MPa (750 psi). Opened PMV. Bled off pressure from string above SSSV. Note: Pressure below SSSV will remain at 5.2 MPa (750 psi).
CMPLT	P	TEST	0430	0730	3.00	0.0m	Performed final 6 subsea tree suspension tests. Test #1. Closed PMV, AMV, XOv, CIV1, CIV2. Pressure tested PMV downstream, XOv, CIV1, CIV2 from wellbore via tubing to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Test #2. Closed PWV and opened XOv. Pressure tested PWV upstream via tubing to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Test #3. Opened PWV and closed AWW. Pressure tested AMV downstream, AWW and ACI upstream via annulus access line to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Test #4. Opened AWW and closed AAV. Pressure tested AAV downstream via annulus access line to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Test #5. Closed PSV and opened AAV. Pressure tested PSV upstream via annulus access line to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Test #6. Valves stay the same. Pressure tested PSV downstream via tubing to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good. Closed all valves and confirmed that annulus access line was de-pressurized at surface. Note: 03:00 - 06:30 hrs, ROV experienced intermittent faults with torque tool feed back cables, camera signal and manipulator arm.
CMPLT	TP	SST	0730	1000	2.50	0.0m	Concurrent operations: Painted and marked up 762 mm (30") conductor shoe joint. Painted and marked up 762 mm (30") conductor wellhead housing joint. Installed and marked up guide posts on PGB. Marked well name at side of PGB. ROV attempted to remove HFL parking plate but couldn't get bolt to turn with 900 Nm (664 ft/lbs) torque. Re-positioned annulus access line in moonpool area.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SST	1000	1100	1.00	0.0m	Concurrent operations: Made up cement stand side entry sub with TIW valves above and below. Laid out to catwalk. Re-positioned 127mm (5") HWDP in derrick to get access for use on Basker-7. Drifted HWDP to 63mm (2.5").
CMPLT	P	SST	1100	1530	4.50	0.0m	ROV removed blind stab on CVC pressure cap. Opened block valves whilst slacking off pod tugger to retrieve CVC cap. ROV connected pod tugger to CVC cap. Pulled CVC cap to surface with pod tugger. ROV installed debris cap on CVC connection. ROV attempted again to remove HFL parking plate but couldn't get bolt to turn with 1050 Nm (774 ft/lbs) torque.
CMPLT	P	SST	1530	1930	4.00	0.0m	Rigged up and deployed CVC running tool with CT winch and pod tugger in moonpool. Fitted running lines to aft guide lines. Deployed CVC running tool. Trouble shot twisted lines, refitted clamps. Landed and locked CVC running tool to receiver structure at subsea tree. Unlocked CVC connector from parking hub, then retracted soft land to lift CVC connector clear. Using CT winch lifted CVC running tool and CVC gooseneck from parking hub. ROV removed debris cap. Inspected and jetted hub.
CMPLT	P	SST	1930	2000	0.50	0.0m	Concurrent operation: ROV re-set torque limit to 1800 Nm (1327 ft/lbs). ROV attempted again to remove HFL parking plate and plate moved at 1250 Nm (922 ft/lbs) torque. ROV removed HFL plate.
CMPLT	P	SST	2000	2030	0.50	0.0m	Swung CVC with CVC running tool to CVC receiver structure. Attempted to land out on CVC receiver structure but winch configuration not straight. Re-rigged tuggers at seabed with assistance of ROV. Successfully landed out on CVC landing structure.
CMPLT	P	SST	2030	2200	1.50	0.0m	Performed 25 mm (4") CVC connector gasket change out with CVC running tool.
CMPLT	P	SST	2200	2400	2.00	0.0m	Lowered and locked 25 mm (4") CVC connector to subsea tree as to Cameron procedure.
CMPLT	P	SST	2400				ROV performed 20.7 MPa (3000 psi) connector test via hot stab - good. Bled off pressure.
CMPLT	P	SST					Unlatched CVC running tool and recovered to surface with 4 core umbilical.
							Concurrent operation: Functioned UPPER down hole completion HCM-A valves from position 14 to position 8 (UPPER top HCM-A closed and lower two HCM-A's open) with 38 MPa (5,500 psi) operational pressure. HCM-A's were functioning within 5 mins at 38 MPa (5,500 psi) operational pressure.

Operations For Period 0000 Hrs to 0600 Hrs on 20 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SST	0000	0100	1.00	0.0m	Completed pulling CVC running tool on to moonpool doors. Note: Trouble shot 4 core umbilical twisted in winch line.
CMPLT	P	SST	0100	0200	1.00	0.0m	ROV recovered to surface to change tooling for WSL UH-550 torque operations. Confirmed that there was no pressure behind WSL UH-550 plug. ROV using torque tool backed out pressure cap from subsea tree. CT winch recovered UH-550 blind sub to surface.
CMPLT	P	SST	0200	0430	2.50	0.0m	ROV removed WSL UH-550 plug in subsea tree. ROV unlocked WSL UH-550 jumper line from WSL UH-550 plug spike. ROV connected CT winch to WSL UH-550 jumper line. ROV connected pod winch to WSL UH-550 jumper line. Winches lifted WSL UH-550 line assisted by ROV and stabbed into WSL UH-550 connection on subsea tree. ROV torqued up WSL UH-550 connector. Recovered winches and tugger to moonpool recovering parking weight and cover.
CMPLT	TP	SST	0430	0500	0.50	0.0m	Attempted to install and torque CVC secondary locks. Lock bolt dropped to seabed whilst ROV was attempting to torque. Decision made to continue with production line pressure test whilst organizing replacement bolt.
CMPLT	P	SST	0500	0600	1.00	0.0m	Performed production flow line and WSL jumper pressure test procedure. Confirmed with Crystal Ocean operational steps 1 through to 11. Pressured up slowly with brine at 1.4 MPa/min (200 psi/min) to 6.9 MPa (1000 psi). Took 0.45 m3 (2.8 bbls) fluid volume. Continued to hold pressure until it stabilized.
							Note: Schlumberger MWD 75 % rigged up.

Phase Data to 2400hrs, 19 Jul 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
COMPLETION(CMPLT)	701.00	19 Jun 2009	19 Jul 2009	701.00	29.21	0.0m



WBM Data		Cost Today \$ 0			
Mud Type:	API FL:	Cl:	25000mg/l	Solids(%vol):	Viscosity
Sample-From:	Filter-Cake:	K+C*1000:		H2O:	PV
Time:	HTHP-FL:	Hard/Ca:		Oil(%):	YP
Weight:	1.03sg	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:\$ 132,908.83 1.14 sg brine - Cl 105,000				Fann 300
					Fann 600

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Barite	mt	0	0	0	89.0
Gel	MT	0	14	0	36.0
Cement	MT	0	0	0	88.0
Fuel	M3	0	6.5	0	516.4
Potable Water	M3	35	25	0	303.0
Drill Water	M3	0	148	0	469.0

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	Pat Brown	Anzon Australia Pty Limited	1
Drilling Supervisor	Philip Burr	Anzon Australia Pty Limited	1
Logistics Coordinator	Shelly Hares	Anzon Australia Pty Limited	1
HSE	Gordon Drew	Anzon Australia Pty Limited	1
OIM	Rod Dotson	Diamond Offshore	1
Mudlogging	BHI	Anzon Australia 3rd Party	2
Drilling Fluids	MI	Anzon Australia 3rd Party	2
Wellhead	Cameron	Anzon Australia 3rd Party	5
ROV	Subsea 7	Anzon Australia 3rd Party	6
Cementing	Dowell	Anzon Australia 3rd Party	2
Rig Crew	Drilling	Diamond Offshore 3rd Party	47
Other		Diamond Offshore 3rd Party	1
Catering	ESS	Diamond Offshore 3rd Party	8
Completion Supervision	AWT	Anzon Australia 3rd Party	2
TBG	BJ	Anzon Australia 3rd Party	2
Completions	Baker	Anzon Australia 3rd Party	1
S Line	Schlumberger	Anzon Australia 3rd Party	2
MWD	Schlumberger	Anzon Australia 3rd Party	2
Subsea	AGR	Anzon Australia 3rd Party	6
Marine Surveyor	Neptun	Anzon Australia 3rd Party	2
Total			95

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		145		
Abandon Drill	19 Jul 2009	0 Days		Full muster at 22:26 hrs
Fire Drill	19 Jul 2009	0 Days		Simulated in store room, port box girder. Full muster at



HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
First Aid Case	19 Jul 2009	0 Days		22:21 hrs IP slipped on mat out side door leaving accommodation and rolled his left ankle. IP had slight swelling on outside of left ankle. IP was treated with an ice pack.
JSA	19 Jul 2009	0 Days		Drill crew - 7 Crane crew - 11 Mechanic - 3 Welder - 6 Sub Sea - 0 Marine - 0 Pump room - 1 Electrician - 0
Lost Time Incident	15 Jun 2009	34 Days	145 days	LTI = 145 days since start of rig assignment on 25 Feb 2009.
Permit To Work	19 Jul 2009	0 Days		Hot - 6 Cold - 8
Pre-Tour Meetings	19 Jul 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	19 Jul 2009	0 Days		Safe - 67 Unsafe - 36
Weekly Safety Meeting	19 Jun 2009	30 Days		13:00 hrs 19:00 hrs 00:30 hrs

Rig Data

Company Name	Rig Name	Max Deck Load	VDL @ Midnight	Rig Heading
Diamond Offshore	Ocean Patriot	mt	2229mt	249.0deg

Shakers, Volumes and Losses Data

Engineer : Graeme Garrick

Equip.	Descr.	Mesh Size	Available	206.38m ³	Losses	206.22m ³	Comments
			Active		Downhole	0.00m ³	Dumped remaining 8.6 ppg brine. Mixed 900 bbls Hi-vis PHG for Basker 7 top hole. Cost will go to day one of Basker 7.
			Mixing		Surf+ Equip	0.00m ³	
			Hole		Dumped	79.34m ³	
			Slug		De-Gasser		
			Reserve	206.38m ³	De-Sander		
			Kill		De-Silter		
			Left in hole	126.88m ³	Centrifuge		

Marine

Weather on 19 Jul 2009								Rig Support	
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	24kn	315.0deg	1017.0mbar	14C°	0m	315.0deg	3s	1	108.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	109.0
0.2deg	0.2deg	0m	1m	140.0deg	10s			3	111.0
Rig Dir.	Ris. Tension	VDL	Comments				4	110.0	
249.0deg	0mt	2229mt					5	111.0	
								6	108.0
								7	116.0
								8	118.0

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Item	Unit	Quantity				
Lewek Emerald		19:20 hrs, 19-07-09	En-route to rig	Fuel	M3	338.38
				Potable Water	M3	225
				Drill Water	M3	270



				Item	Unit	Quantity
				Barite	MT	75
				Gel	MT	46
				Cement	MT	84
				Brine	M3	246.6
Lewek Swift		17:15 hrs 03-07-09	Off hire. Undergoing HRP repairs.	Item	Unit	Quantity
				Fuel	M3	644.7
				Potable Water	M3	305
				Drill Water	M3	255
				Barite	MT	
				Gel	MT	
				Cement	MT	40.6
				Brine	M3	206.67
Pacific Protector			Standby on location.	Item	Unit	Quantity
				Diesel	M3	166.2
				Potable Water	M3	362
				Drill Water	M3	100
				Gel	MT	0
Yarabah		17:00 hrs, 19-07-09	On charter from 17:00 hrs. On route to rig.	Item	Unit	Quantity
				Diesel	M3	112
				Potable Water	M3	312