



28 Aug 2009

**DRILLING MORNING REPORT # 39**  
**Basker 7**

Well Data							
Country	Australia	M. Depth	3921.00m	Cur. Hole Size	216mm	AFE Cost	\$ 62560540
Permit	VIC/L26	TVD	3311.87m	Casing OD	244mm	AFE No.	BMGOD209D23
Drill Co.	Diamond Offshore	Progress	0.0m	Shoe TVD	2469.28m	Daily Cost	\$ 976457
Rig	Ocean Patriot	Days from spud	37.87	FIT	1.56sg	Cum Cost	\$ 42762028
Wtr Dpth(MSL)	154.20m	Days on well	38.25	LOT		Planned TD	
RT-ASL(MSL)	21.50m	Lat	38 ° 17 ' 58.779 " S	Long	148 ° 42 ' 22.313 " E	Datum	GDA94
RT-ML	175.70m	Current Op @ 0600	Function testing down hole completion HCM-A valves at position 9 of lower bank - re-test.				
		Planned Op	Complete function tests of HCM-A completion valves. Disconnect from subsea tree and recover subsea tree running tool with 140 mm (5.5") landing string. Run subsea tree cap with 127 mm (5") drill pipe. Prepare to pull anchors.				

Summary of Period 0000 to 2400 Hrs	
<p>Landed and latched subsea tree on wellhead at 173.42 m. Performed tree function and pressure tests. Rigged up S-line and ran in hole to retrieve 102 mm (4") ARH plug from wellhead at 174 m. Inflow tested PMV. Completed final subsea tree suspension tests. Function tested down hole completion HCM-A valves.</p>	

**Operations For Period 0000 Hrs to 2400 Hrs on 28 Aug 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	SST	0000	0030	0.50	3921.0m	Picked up landing string stiff joint and made up to landing string. String weight was 95 MT (210 klbs).
PROD	P	SST	0030	0100	0.50	3921.0m	Flushed control lines with IWOCs. Installed storm loops on umbilicals. Installed cement line to stiff joint flow tee.
PROD	TP	SST	0100	0230	1.50	3921.0m	ROV had trouble finding wellhead due to strong current and poor visibility. ROV also had fault with sonar and was required to surface to fix. Once sonar was fixed ROV held on to guide line going down to wellhead to ensure fix on location.
PROD	P	SST	0230	0330	1.00	3921.0m	Landed out subsea tree on wellhead at 173.42 m with 68 MT (150 klbs) string weight. String weight with subsea tree was 95 MT (210 klbs) with block weight at 57 MT (125 klbs). ROV confirmed that subsea tree had landed as required and that all umbilicals were clear. Activated subsea tree x wellhead latch from IWOCs with 10.4 MPa (1,500 psi) - connector didn't fully lock as shown on indicator. Increased pressure on latch to 13.8 MPa (2,000 psi) - indicator showed locked. Conducted overpull test to 23 MT (50 klbs) - good. Continued to hold 16 MT (35 klbs) overpull on landing string.
PROD	P	SST	0330	0430	1.00	3921.0m	Pressure tested VX gasket with IWOCs to 34.5 MPa (5000 psi), 15 mins - good test. Pressure tested with cement unit landing string from top through body of subsea tree to top of ARH plug to 3.5 MPa (500 psi), 5 mins and 34.5 MPa (5000 psi), 10 mins - good test.
PROD	P	SLIK	0430	0600	1.50	3921.0m	Rigged up slick-line. Ran in hole with S-line to 174 m and retrieved ARH prong. Ran in hole with S-line to 174 m and retrieved 102 mm (4") ARH plug. Rigged down S-line. Re-installed pressure cap on stiff joint.
PROD	P	SMRT	0600	0630	0.50	3921.0m	Pressured up on completion control line DH-3 (CC) to 51.8 MPa (7,500psi). Locked in pressure for remainder of testing. Monitored the DH-2 line for communication - nil. Pressured up on DH-1 (UO) to 10.4 MPa (1500psi). Locked in pressure and monitored TRSV & DH-2 lines for communication - nil.
PROD	P	SMRT	0630	0830	2.00	3921.0m	Lined up to pump down tubing via cement unit. Equalised pressure above TRSV to 10.4 MPa (1500 psi). Pressured up on TRSV line to 51.8 MPa (7500 psi) - good test. Bled off tubing pressure to zero. Pressured up on completion control line DH-2 (LO) to 51.8 MPa (7500 psi). Locked in & tested for 15 min - good test. Increased pressure on DH-1 to 51.8 MPa (7500 psi). Locked in & tested for 15 min - good test. Bled off pressure to 0 psi in the following order: DH-1, DH-2, TRSV, DH-3. Concurrent operation: Performed management of change subsea suspension test #1. Opened AAV, XOv, PWV and closed AWV, AMV, PMV, PSV. Tested to 35 MPa (500 psi), 5 mins and 34.5 MPa (5000 psi), 10 mins - good test.
PROD	P	SMRT	0830	0930	1.00	3921.0m	Opened TRSV. Pressured up on tubing via cement line to 5.2 MPa (750 psi). Closed subsea tree PMV, bled off above to 1.4 MPa (200 psi) and inflow tested for 15mins - good test. Equalised above TRSV to 5.2 MPa (750 psi). Opened PMV and bled off



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	SMRT	0930	1830	9.00	3921.0m	<p>tubing pressure to zero. Closed TRSV and PMV.</p> <p>Function tested lower HCM-A valve bank. Cycled from start position 14 to position 12. Observed discrepancy in HCM-A fluid return volumes after functioning position 3. Used 34.5 MPa (5000 psi) to function valves and then increased pressure to 44.9 MPa (6500 psi) on position 3 and then to 51.8 MPa (7500 psi) for 3 and all following position cycles.</p> <p>Concurrent operation: Performed subsea tree suspension tests.</p> <p>Test #1. Closed PMV, AMV, AWV, XOV, CIV1, CIV2, CIV3. Opened PSV, PWV, AAV. Pressure tested via tubing PMV downstream, XOV, CIV1, CIV2, CIV3 from wellbore to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good.</p> <p>Test #2. Closed AAV and opened AWV, XOV. Pressure tested via tubing AAV upstream and AMV to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good.</p> <p>Test #3. Closed PWV and opened AAV. Pressure tested via tubing PWV upstream to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good.</p> <p>Test #4. Opened PWV and closed XOV. Pressure tested XOV 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.</p> <p>Test #5. Closed PSV and opened XOV. 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.</p> <p>Test #6. Closed PWV, AWV, XOV, AAV. Pressure tested via annulus access line AAV downstream to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good.</p> <p>Test #7. Opened PWV. Pressure tested via tubing PSV downstream to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good.</p> <p>Performed operational checks on SCM-A Tronic connector - good tests. Disconnected SCM-A connector and parked on stress joint.</p> <p>ROV removed annulus access line from UH-550 connector and parked on stress joint. Installed UH-550 blind plug.</p> <p>Test #8. Pressure tested UH-550 blind plug via IWOCSS pressured down AMON line to 3.5 MPa (500 psi) for 5 mins low and 34.5 MPa (5,000 psi) for 10 mins high - good.</p>
PROD	TP	SMRT	1830	1930	1.00	3921.0m	<p>Trouble shot discrepancy in HCM-A fluid return volumes on lower bank. Opened subsea tree valves PMV, PSV and TRSV. Pressured down tubing to confirm HCM-A valves are closed at position 12. Pressure held at 6.9 MPa (1000 psi). Bled off tubing pressure. Closed PMV, PSV, TRSV. Functioned HCM-A valves from position 12 to position 13. Opened PMV, PSV &amp; TRSV. Pressured down tubing to confirm HCM-A valves are open at position 13. Pressure bled off from 6.9 MPa (1000 psi) to 4.8 MPa (700 psi) in 3 mins confirming HCM-A opened. Lost 0.2 m3 (1 bbl) to formation.</p> <p>Shifted valves from position 13 to 14.</p> <p>Pressured down tubing to confirm HCM-A valves are closed. Pressure tested to 6.9 MPa (1000 psi) - good test. Bled off tubing pressure to zero. Closed PMV, PSV, TRSV.</p>
PROD	P	SMRT	1930	2400	4.50	3921.0m	<p>Function tested upper HCM-A valve bank. Cycled from start position 14 to position 12. Used 51.8 MPa (7500 psi) to cycle all positions. Observed consistent 50 to 100 ml over expected fluid return volumes indicating correct function.</p>

### Operations For Period 0000 Hrs to 0600 Hrs on 29 Aug 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	SMRT	0000	0030	0.50	3921.0m	Continued to function test upper HCM-A valve bank. Cycled from position 12 to position 14. Used 51.8 MPa (7500 psi) to cycle all positions. Observed consistent 50 to 100 ml over expected fluid return volumes indicating correct function.
PROD	P	SMRT	0030	0100	0.50	3921.0m	Opened subsea tree valves PMV, PSV and TRSV. Pressured down tubing to confirm HCM-A valves are closed at position 14. Pressure held at 6.9 MPa (1000 psi). Bled off tubing pressure. Observed gas whilst bleeding off from 0.5 MPa (70 psi). Shut off at cement unit and bled off gas to zero through rig choke to mud de-gasser. Closed PMV, PSV and TRSV.
PROD	TP	SMRT	0100	0600	5.00	3921.0m	Trouble shot discrepancy in HCM-A fluid return volumes on lower bank. Repeated function testing on lower HCM-A valve bank to confirm position of the 3 lower HCM-A valves. Cycled starting from position 14 to position 9. Used 51.8 MPa (7500 psi) to cycle all positions. Observed consistent 100 to 300 ml over expected fluid return volumes indicating correct function.

### Phase Data to 2400hrs, 28 Aug 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
RIG MOVE(MOVE)	1.50	21 Jul 2009	21 Jul 2009	1.50	.06	0.0m
CONDUCTOR(COND)	28.50	21 Jul 2009	22 Jul 2009	30.00	1.25	210.7m
SURFACE SECTION(SURF)	81.00	23 Jul 2009	26 Jul 2009	111.00	4.62	1061.7m
INTERMEDIATE SECTION 1(INT1)	118.00	26 Jul 2009	31 Jul 2009	229.00	9.54	2918.0m
PRODUCTION SECTION(PROD)	687.50	31 Jul 2009	28 Aug 2009	916.50	38.19	3921.0m



WBM Data			Cost Today \$ 0			
Mud Type: Filtered Brine	API FL:	Cl: 80000mg/l	Solids(%vol):	Viscosity		
Sample-From:	Filter-Cake:	K+C*1000: 12.0%	H2O:	PV		
Time:	HTHP-FL:	Hard/Ca:	Oil(%):	YP		
Weight: 1.08sg	HTHP-cake:	MBT:	Sand:	Gels 10s		
Temp:		PM:	pH:	Gels 10m		
		PF:	PHPA:	Fann 003		
Comment	Total cost:			Fann 006		
	\$ 600,681.07			Fann 100		
				Fann 200		
				Fann 300		
				Fann 600		

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Barite	mt	0	0	0	63.0	
Gel	MT	0	0	0	51.0	
Cement	MT	0	0	0	103.0	
35% Silica Blend Cement	MT	0	0	0	0.0	
Fuel	M3	0	5.4	0	351.7	
Potable Water	M3	32	33	0	377.0	
Drill Water	M3	0	18	0	529.0	

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	1.08	97													
2	NATIONAL 12P - 160	152.40	1.08	97													
3	NATIONAL 12P - 160	152.40	1.08	97													

Personnel On Board			
Job Title	Personnel	Company	Pax
Senior Drilling Supervisor	Ivan Parkhurst	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
ROV	Subsea 7	Anzon Australia 3rd Party	6
Cementing	Schlumberger	Anzon Australia 3rd Party	1
Rig Crew	Drilling	Diamond Offshore 3rd Party	45
Other		Diamond Offshore 3rd Party	5
Catering	ESS	Diamond Offshore 3rd Party	8
Casing Hands	BJ Tubulars	Anzon Australia 3rd Party	1
Completion	Baker Oil Tools	Anzon Australia 3rd Party	1
Completions Supervisors	AWT	Anzon Australia 3rd Party	2
Subsea Completion	Cameron	Anzon Australia 3rd Party	5
Subsea Supervisors	AGR	Anzon Australia 3rd Party	4
S-line	Schlumberger	Anzon Australia 3rd Party	2
Surveyor	Neptune	Anzon Australia 3rd Party	2
Electricians	Megawatts	Diamond Offshore 3rd Party	4
Safety Trainer	Check 6	Diamond Offshore 3rd Party	2
Rig mover	OMS	Anzon Australia 3rd Party	1
Total			94

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		185		
Abandon Drill	23 Aug 2009	5 Days		Full muster at 22:47 hrs



HSE Summary					
Events	Date of last	Days Since	Descr.	Remarks	
Fire Drill	23 Aug 2009	5 Days		Simulated at heli fuel tanks. Full muster at 22:38 hrs	
First Aid Case	22 Aug 2009	6 Days		Top drive service loop hose dropped to floor knocking down third party person standing at rotary table. IP was checked by medic. No major injuries apparent.	
JSA	28 Aug 2009	0 Days		Drill crew - 5 Trip - 1 Pump room - 0 Crane crew - 20 Mechanic - 4 Electrician - 2 Welder - 4 Sub Sea - 0 Marine - 0 3rd Party - 0	
Lost Time Incident	15 Jun 2009	74 Days	185 days	LTI = 185 days since start of rig assignment on 25 Feb 2009.	
Permit To Work	28 Aug 2009	0 Days		Hot - 7 Cold - 13	
Pre-Tour Meetings	28 Aug 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs	
STOP Card	28 Aug 2009	0 Days		Safe - 51 Unsafe - 5	
Weekly Safety Meeting	23 Aug 2009	5 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	1953mt	249.0deg	

Shakers, Volumes and Losses Data							Engineer :
Equip.	Descr.	Mesh Size	Available	117.18m <sup>3</sup>	Losses	0.00m <sup>3</sup>	Comments
Shaker 1	BEM 650	40/170/170	Active	117.18m <sup>3</sup>	Downhole		
Shaker 2	BEM 650	40/100/120	Mixing		Surf+ Equip	0.00m <sup>3</sup>	
Shaker 3	BEM 650	40/100/120	Hole		Dumped		
Shaker 4	BEM 650	40/100/120	Slug		De-Gasser		
			Reserve		De-Sander		
			Kill		De-Silter		
					Centrifuge		

Marine									
Weather on 28 Aug 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	18kn	248.0deg	1012.0mbar	17C°	1m	248.0deg	2s	1	118.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	116.0
0.2deg	0.3deg	0m	1m	248.0deg	11s			3	114.0
Rig Dir.	Ris. Tension	VDL	Comments					4	116.0
249.0deg		1953mt						5	120.0
								6	118.0
								7	116.0
								8	120.0

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XEC	S61N	09:35 / 09:49	9 / 4	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks



<b>Lewek Emerald</b>	02:00 hrs 28-08-09		On location at rig.	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Fuel	M3	465.5
				Potable Water	M3	220
				Drill Water	M3	365
				Barite	MT	75
				Gel	MT	43
				Cement	MT	87
				Brine	M3	73.45
<b>Lewek Swift</b>		05:02 hrs 28-08-09	On route to Rig	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Fuel	M3	381.3
				Potable Water	M3	482
				Drill Water	M3	335
				Barite	MT	
				Gel	M3	25
				Cement	MT	0
				Brine	M3	248.68
35% Silica Blend Cement	MT	0				
<b>Protector</b>	19:00 hrs, 25-08-09		Protector on stand by at rig.	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Diesel	M3	247.2
				Potable Water	M3	359
				Drill Water	M3	76
<b>Far Scimitar</b>			Standby on location	<b>Item</b>	<b>Unit</b>	<b>Quantity</b>
				Diesel	M3	560
				Potable Water	M3	148