



29 Aug 2009

**DRILLING MORNING REPORT # 40**  
**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	\$ 970289
Rig	Ocean Patriot	Days from spud	38.87	FIT	1.56sg	Cum Cost	\$ 43732317
Wtr Dpth(MSL)	154.20m	Days on well	39.25	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	Waiting on weather window to pull anchors.				
		Planned Op	Wait on weather window to pull anchors. Pull anchors. Move 1 km off location.				

**Summary of Period 0000 to 2400 Hrs**

Completed function tests on HCM-A completion valves.  
 Disconnected from subsea tree and recovered subsea tree running tool with 140 mm (5.5") landing string.  
 Ran subsea tree cap with 127 mm (5") drill pipe.  
 ROV performed final subsea tree checks and seabed survey.  
 Waited on weather window to pull anchors.

**Operations For Period 0000 Hrs to 2400 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 increase in pressure whilst bleeding off. Shut off at cement unit and bled off to zero through rig choke. Closed PMV, PSV and TRSV.
PROD	TP	SMRT	0100	0730	6.50	3921.0m	Trouble shot discrepancy in HCM-A fluid return volumes and position change with HCM-A (Type B) #2 (Lower) on lower valve bank. Repeated function testing on lower HCM-A valve bank to confirm position of the 3 lower HCM-A valves. Cycled valves starting from position 14 to position 12. Used 51.8 MPa (7500 psi) pressure to cycle all positions. Observed consistent 100 to 200 ml over expected fluid return volumes indicating correct function.
PROD	TP	SMRT	0730	0900	1.50	3921.0m	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. Observed increase in pressure once bled off. Shut off at cement unit and bled off to zero through rig choke. Cycled HCM-A valves from position 12 to position 14. Again 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. This confirmed understanding of lower bank HCM-A valve positions.
PROD	U	SMRT	0900	1000	1.00	3921.0m	Production required upper HCM valve bank to be handed over in position 4 (Upper HCM-A valve open (Zone 2872), middle HCM-B valve closed (Zone 1.1), lower valve HCM-C open (Zone 1.2) and lower bank in position 14 (All 3 valves closed). Cycled upper HCM valve bank from position 14 to position 4. Used 51.8 MPa (7500 psi) to cycle all positions.
PROD	P	SMRT	1000	1100	1.00	3921.0m	Opened subsea tree PSV. Pressured above PMV to 0.7 MPa (100 psi). Opened PMV. Pumped down tubing with 2.9 M3 (18 bbl total) of 1.08 sg (9.0 ppg) brine (1.5 times landing string volume) to bullhead any hydrocarbons that could have migrated during tubing pressure tests. Pump at 79 lpm (0.5 bpm), 22.1 MPa (3200 psi) into Zone 2872 and Zone 1.2. Stopped pumps and monitored pressure. Pressure slowly bleed back to 20.7 MPa (3000 psi). Closed PMV. Bled off above PMV to 2.1 MPa (300 psi). Inflow tested PMV for 5 mins - good test. Bleed off pressure above PMV to zero.
PROD	P	SST	1100	1330	2.50	3921.0m	Pressure tested PMV from above to 34.5 MPa (5000 psi), 10 mins - good test. Bled off to zero. Closed PSV and pressure tested from above to 3.5 MPa (500 psi), 5 mins and 34.5 MPa (5000 psi), 10 mins - good test. Bled off to zero.
PROD	P	SST	1330	1800	4.50	3921.0m	Set down 18 MT (40 klb) on string to apply 2 MT (5 klb) on landing string weight. Applied 20.7 MPa (3000 psi) to unlatch function on running tool. Unlatched subsea tree running tool from subsea tree. Rigged down stiff joint c/w WOV and laid out. Rigged down long bails c/w 85 MT shackles and laid out. Skidded rig 15 m forward to safe lift area. Pulled out subsea tree running tool on 140 mm (5.5") tubing landing string. Laid out tubing joints and removed umbilical clamps in moonpool whilst pulling out. Broke out subsea tree running tool and laid out.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	SST	1800	2000	2.00	3921.0m	Skidded conductor cart with subsea tree cap to below rotary table. Drill floor made up J-slot tree cap running tool and fitted to tree cap on cart. Installed tree cap operation hot stabs and function tested - good test. Ran through splash zone and continued to run in on 2 x stands of 127 mm (5") HWDP and 4 x stands of 127 mm (5") drill pipe to 171 m. Ran 4 core umbilical with running string and installed clamps whilst running in. Skidded rig back over location whilst running last stand drill pipe.
PROD	P	SST	2000	2100	1.00	3921.0m	Landed subsea tree cap on subsea tree. Functioned HTC lock and confirmed visually that HTC was fully locked - good. Pressure tested below tree cap via umbilical to 3.5 MPa (500 psi), 5 mins and 34.5 MPa (5000 psi), 10 mins - good test. Bled off to zero. ROV pulled all 3 x hot stabs. Trouble shot one hot stab that rope handle broke and managed to pull and retrieve - 15 mins.
PROD	P	SST	2100	2230	1.50	3921.0m	Rotated string anti-clockwise 1/4 turn at J-slot running tool and disconnected from tree cap. Pulled out tree cap running tool whilst laying out drill pipe running string. Pulled out 4 core umbilical and disconnected clamps whilst pulling out string. Broke out tree cap running tool and laid out. Concurrent operation: ROV disconnected guide lines. ROV performed final subsea tree checks and installed marine growth covers. ROV performed final seabed and wellhead survey.
ANKR	TP	ANKR	2230	2400	1.50	3921.0m	Waited on weather window to pull anchors. 23:00 hrs: Wind-45 kts, Seas-1.5m, Swell-2.0m, Pitch-0.4°, Roll-0.4°, Heave-0.5m 24:00 hrs: Wind-45 kts, Seas-1.5m, Swell-4.0m, Pitch-0.4°, Roll-0.4°, Heave-0.5m

### Operations For Period 0000 Hrs to 0600 Hrs on 30 Aug 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
ANKR	TP	ANKR	0000	0600	6.00	3921.0m	Waited on weather window to pull anchors. 03:00 hrs: Wind-60 kts, Seas-2.0m, Swell-5.0m, Pitch-1.0°, Roll-1.0°, Heave-1.5m 06:00 hrs: Wind-45 kts, Seas-2.0m, Swell-5.0m, Pitch-1.0°, Roll-1.0°, Heave-1.5m

### Phase Data to 2400hrs, 29 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)	710.00	31 Jul 2009	29 Aug 2009	939.00	39.12	3921.0m
ANCHOR / PRELAY(ANKR)	1.50	29 Aug 2009	29 Aug 2009	940.50	39.19	3921.0m

### WBM Data

### Cost Today \$ 0

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

### 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	150	9.3	0	492.4
Potable Water	M3	33	22	0	388.0
Drill Water	M3	0	69	0	460.0

### 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)



Pumps													
Pump Data - Last 24 Hrs							Slow Pump Data						
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	1
Subsea Completion	Cameron	Anzon Australia 3rd Party	4
Subsea Supervisors	AGR	Anzon Australia 3rd Party	4
Surveyor	Neptune	Anzon Australia 3rd Party	1
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			89

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		186		
Abandon Drill	23 Aug 2009	6 Days		Full muster at 22:47 hrs
Fire Drill	23 Aug 2009	6 Days		Simulated at heli fuel tanks. Full muster at 22:38 hrs
First Aid Case	22 Aug 2009	7 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	29 Aug 2009	0 Days		Drill crew 3 Trip - 9 Pump room - 0 Crane crew - 5 Mechanic -6 Electrician - 1 Welder - 7 Sub Sea - 2 Marine - 0 3rd Party - 0
Lost Time Incident	15 Jun 2009	75 Days	186 days	LTI = 186 days since start of rig assignment on 25 Feb 2009.
Permit To Work	29 Aug 2009	0 Days		Hot - 10 Cold - 14
Pre-Tour Meetings	29 Aug 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	29 Aug 2009	0 Days		Safe - 59 Unsafe - 21
Weekly Safety Meeting	23 Aug 2009	6 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	1800mt	249.0deg

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

Marine									
Weather on 29 Aug 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	45kn	225.0deg	998.0mbar	12C°	2m	225.0deg	2s	1	120.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	118.0
0.3deg	0.3deg	1m	2m	225.0deg	11s			3	116.0
Rig Dir.	Ris. Tension	VDL	Comments					4	114.0
249.0deg		1800mt						5	116.0
								6	112.0
								7	114.0
								8	119.0

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XEC	S61N	12:00 / 12:04	1 / 5	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
				Item	Unit	Quantity
Lewek Emerald	02:00 hrs 28-08-09		On location at rig.	Fuel	M3	305.5
				Potable Water	M3	215
				Drill Water	M3	365
				Barite	MT	75
				Gel	MT	43
				Cement	MT	87
				Brine	M3	73.45
Lewek Swift	05:15 hrs 29-08-09		On location at rig.	Fuel	M3	356
				Potable Water	M3	478
				Drill Water	M3	335
				Barite	MT	
				Gel	MT	25
				Cement	MT	0
				Brine	M3	248.68
				35% Silica Blend Cement	MT	0
Protector	19:00 hrs, 25-08-09		Protector on stand by at rig.	Diesel	M3	239
				Potable Water	M3	359
				Drill Water	M3	76