



05 Aug 2009

**DRILLING MORNING REPORT # 16**  
**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	123.0m	Shoe TVD	2469.28m	Daily Cost	\$ 956067
Rig	Ocean Patriot	Days from spud	14.87	FIT	1.56sg	Cum Cost	\$ 15434173
Wtr Dpth(MSL)	154.20m	Days on well	15.25	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	Continuing to make up PEX logging assembly.				
		Planned Op	Perform wireline HNGS-PEX-HRLA-MSIP log. Perform FMI-DSI-GR log. Perform wireline MDT's.				

**Summary of Period 0000 to 2400 Hrs**

Drilled 216 mm (8.5") hole with PDM BHA from 3798 m to 3921 m TD.  
Conditioned hole.  
POH with 216 mm (8.5") PDM BHA to surface and laid out lower BHA.  
Rigged up wireline equipment and RIH PEX-Sonic-FMI logging assembly to 500 m.

**Operations For Period 0000 Hrs to 2400 Hrs on 05 Aug 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	DRMO	0000	0930	9.50	3921.0m	Drilled 216 mm (8.5") hole with PDM BHA from 3798 m to 3921 m TD (3311.87 m TVD). Averaged 13 m/hr.  Note: Control drilled at +/- 20m/hr from 3798 m to 3845 m to allow for Flair unit sampling. String weights: 181 MT (400 klbs) pick up, 145 MT (320 klbs) slack off, 154 MT (350 klbs) rotating. Off bottom SPP 20 MPa (2900 psi). On bottom torque was 24-35 kNm (18-26 kft/lbs) with 22.1 MPa (3200 psi) - differential 2.1 MPa (300 psi). Boosted riser on connections.
PROD	P	CIRC	0930	1100	1.50	3921.0m	Pumped 8.8 m3 (55 bbls) hi-vis sweep and circulated hole clean whilst rotating at 120 rpm, circulating at 1969 lpm (600 gpm) and reciprocating string. Whilst pumping at (240 gpm) string weights were 177 MT (390 klbs) pick up, 150 MT (330 klbs) slack off, 163 MT (360 klbs) rotating. Off bottom torques were: 10 rpm - 20 kNm (15 kft/lbs), 15 rpm - 23 kNm (17 kft/lbs), 20 rpm - 27 kNm (20 kft/lbs).
PROD	P	POOH	1100	1900	8.00	3921.0m	Pulled out of hole 216 mm (8.5") PDM BHA on 127 mm (5") drill pipe from 3921 m to 286.70 m. Tight spots observed at 3560 m, 3598 m and 3627 m. Maximum overpull of 13.6 MT (30 klbs) over these sections.  Note: Flow checked well at shoe and with BHA below BOP - static. Took torque and drag reading at 2926 m whilst pumping at (240 gpm). String weights were 163 MT (360 klbs) pick up, 125 MT (275 klbs) slack off, 136 MT (300 klbs) rotating. Torques were: 10 rpm - 10 kNm (7.5 kft/lbs), 20 rpm - 12 kNm (9 kft/lbs), 30 rpm - 14 kNm (10 kft/lbs).
PROD	P	BHA	1900	2100	2.00	3921.0m	Concurrent operations: 18:30 hrs lifted subsea tree from Emerald to starboard side of rig. Pulled out of hole 216 mm (8.5") PDM BHA from 286.70 m to surface. Racked back HWDP and jar. Laid out all lower BHA components.
PROD	P	OLOG	2100	2300	2.00	3921.0m	Rigged up wireline equipment. Made up and ran in hole PEX-Sonic-FMI logging BHA to 46.12 m. String weight was 1045 kg (2300 lbs).
PROD	P	OLOG	2300	2400	1.00	3921.0m	Continued to run in hole PEX-Sonic-FMI logging BHA on E-line from 46.12 m to 500 m.

**Operations For Period 0000 Hrs to 0600 Hrs on 06 Aug 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	OLOG	0000	0200	2.00	3921.0m	Continued to run in hole PEX-Sonic-FMI logging BHA on E-line from 500 m to 2750 m. Performed drag check: 2818 kg (6200 lbs) pick up, 1045 kg (2300 lbs) slack off. Continued to run in hole from 2750 m to 3250 m. Performed drag check: 3045 kg (6700 lbs) pick up, 1045 kg (2300 lbs) slack off. Continued to run in hole from 3250 m to 3558 m where string hung up with 455 kg (1000 lbs) slack off. Picked up string to 3636 kg (8000 lbs) and freed sting. Continued to pull out of hole with string weight of approx 3273 kg (7200 lbs) pick up.
PROD	TP	OLOG	0200	0400	2.00	3921.0m	Continued to pull out of hole PEX-Sonic-FMI logging BHA on E-line from 3558 m to



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	TP	OLOG	0400	0600	2.00	3921.0m	3480 m and observed 4364 kg (9600 lbs) pick up weight. Continued to pull out of hole from 3480 m to 2910 m (9 5/8" shoe) with pick up string weights of 3273 kg (7200 lbs) to 2864 kg (6300 lbs). Continued to pull out of hole to surface. Pulled out of hole PEX-Sonic-FMI logging BHA from 46.12 m. Broke off Sonic-FMI tools from BHA. Made up PEX logging BHA.

Phase Data to 2400hrs, 05 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)	137.00	31 Jul 2009	05 Aug 2009	366.00	15.25	3921.0m

WBM Data		Cost Today \$ 10961	
Mud Type: KCL/Polymer/Klastop	API FL: 3.80cm <sup>3</sup> /30m	Cl: 44000mg/l	Solids(%vol): 8.8%
Sample-From: Active	Filter-Cake: 1mm	K+C*1000: 8.0%	H2O: 91.0%
Time: 10:00	HTHP-FL:	Hard/Ca: 80mg/l	Oil(%): 0.0%
Weight: 1.14sg	HTHP-cake:	MBT: 4	Sand: 0.2
Temp: 49C°		PM:	pH: 10
		PF: 2	PHPA:
Comment	Total cost: \$ 448,074.02		
			Viscosity 55sec/L PV 19Pa/s YP 27Pa Gels 10s 8 Gels 10m 10 Fann 003 6 Fann 006 8 Fann 100 28 Fann 200 38 Fann 300 46 Fann 600 65

Bit # 6 RR-1				Wear	I	O1	D	L	B	G	O2	R
				1	1	WT	S	X	I	WT	TD	
Size: 216 mm (8 1/2 in)	IADC# M223	Nozzles		Drilled over last 24 hrs				Calculated over Bit Run				
Mfr: SMITH	WOB(avg) 7.70mt	No.	Size	Progress		123m	Cum. Progress		384m			
Type: PDC	RPM 232	3	9mm	On Bottom Hrs		7.30h	Cum. On Btm Hrs		16.30h			
Serial No.: JX6263	F.Rate 2071lpm	3	10mm	IADC Drill Hrs		9.50h	Cum IADC Drill Hrs		20.50h			
Bit Model MSi616BPX	SPP 21222kPa			Total Revs		98500	Cum Total Revs		216300			
Depth In 3537m	TFA 0.72			ROP(avg)		16.85 m/hr	Cum. ROP(avg)		23.56 m/hr			
Depth Out 3921m												

BHA # 6			
Weight(Wet) 21.77mt	Length 287m	Torque(max) 35256Nm	D.C. (1) Ann Velocity 484.10
Wt Below Jar(Wet) 4.50mt	String 163.00mt	Torque(Off.Btm) 24408Nm	D.C. (2) Ann Velocity 0.00
	Pick-Up 177.00mt	Torque(On.Btm) 35256Nm	H.W.D.P. Ann Velocity 86.38
	Slack-Off 150.00mt		D.P. Ann Velocity 86.38

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.31m	216mm	52mm	JX6263	RR-1
Mud Motor	8.22m	213mm	127mm	2019	A675M7850XP c/w 8 3/8" Stab.
Float Sub	0.80m	171mm	73mm	ASQ8039	C/w ported float
X/Over	0.47m	176mm	86mm	SDB3049	
LWD Tools	3.58m	213mm	98mm	41022	GVR-6 c/w 8 3/8" stab.
LWD Tools	8.47m	171mm	98mm	3088	Telescope
Drill Collar	9.34m	171mm	71mm	1438	Non-Mag
HWDP	18.62m	127mm	78mm		
Drilling Jars	9.18m	162mm	70mm	214E-7	
HWDP	227.71m	127mm	78mm		



Survey								
MD (m)	Incl (deg)	Azim (deg)	TVD (m)	Vsec (deg)	N-S (m)	E-W (m)	DLS (deg/30m)	Tool Type
3809.98	26.7	155.5	3211.29	1895.3	-1659.3	916.0	1.2	
3837.30	25.9	155.0	3235.79	1907.4	-1670.3	921.1	0.9	
3865.97	25.2	154.8	3261.65	1919.7	-1681.5	926.3	0.7	
3894.36	25.2	155.5	3287.34	1931.8	-1692.4	931.4	0.3	
3902.42	25.1	155.7	3294.64	1935.2	-1695.6	932.8	0.5	
3921.00	25.1	156.2	3311.46	1943.1	-1702.8	936.0	0.3	

Bulk Stocks					
Name	Unit	In	Used	Adjust	Balance
Barite	mt	0	6	0	79.0
Gel	MT	0	0	0	51.0
Cement	MT	41	0	0	103.0
35% Silica Blend Cement	MT	38	0	0	38.0
Fuel	M3	0	13	0	400.5
Potable Water	M3	33	29	0	358.0
Drill Water	M3	276	60	0	571.0

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	1.14	97	64	21400	1041	3829	20	3726	323	30	4830	484	40	5865	646
2	NATIONAL 12P - 160	152.40	1.14	97	64	21400	1041	3829	20	3795	323	30	4761	484	40	5865	646
3	NATIONAL 12P - 160	152.40	1.13	97													

Personnel On Board			
Job Title	Personnel	Company	Pax
Senior Drilling Supervisor	Calvin McCabe	Anzon Australia Pty Limited	1
Drilling Supervisor	Philip Burr	Anzon Australia Pty Limited	1
Logistics Coordinator	Lindsay Taylor	Anzon Australia Pty Limited	1
HSE	Shaun Hingerty	Anzon Australia Pty Limited	1
OIM	Dennis Gore	Diamond Offshore	1
Mudlogging	BHI	Anzon Australia 3rd Party	6
Drilling Fluids	MI	Anzon Australia 3rd Party	2
ROV	Subsea 7	Anzon Australia 3rd Party	3
Cementing	Schlumberger	Anzon Australia 3rd Party	2
Rig Crew	Drilling	Diamond Offshore 3rd Party	46
Other		Diamond Offshore 3rd Party	1
Catering	ESS	Diamond Offshore 3rd Party	8
DD	Schlumberger	Anzon Australia 3rd Party	1
MWD	Schlumberger	Anzon Australia 3rd Party	3
Geologist	Shane/ Ian/Joann	Anzon Australia Pty Limited	3
MWD/DD Supervisor	Justin Sarmiento	Anzon Australia Pty Limited	1
Casing Hands	BJ Tubulars	Anzon Australia 3rd Party	4
Flare engineer	Geotech	Anzon Australia 3rd Party	2
Wireline	Schlumberger	Anzon Australia 3rd Party	7
Liner Technician	Baker Oil Tools	Anzon Australia 3rd Party	1
Reservoir Engineer	Russel/Steven	Anzon Australia Pty Limited	2
Filtration Technicians	Scottech	Anzon Australia 3rd Party	2
Total			99

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		162		



## HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
Abandon Drill	02 Aug 2009	3 Days		Full muster at 10:49 hrs
Fire Drill	02 Aug 2009	3 Days		Simulated in Cement room. Full muster at 10:38 hrs
First Aid Case	19 Jul 2009	17 Days		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	05 Aug 2009	0 Days		Drill crew - 3 Trip - 9 Pump room - 1 Crane crew - 16 Mechanic - 3 Electrician - 1 Welder - 8 Sub Sea - 0 Marine - 1 3rd Party - 0
Lost Time Incident	15 Jun 2009	51 Days	162 days	LTI = 162 days since start of rig assignment on 25 Feb 2009.
Permit To Work	05 Aug 2009	0 Days		Hot - 11 Cold - 9
Pre-Tour Meetings	05 Aug 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	05 Aug 2009	0 Days		Safe - 75 Unsafe - 36
Weekly Safety Meeting	02 Aug 2009	3 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	2077mt	249.0deg

## Shakers, Volumes and Losses Data

Engineer : Manfred Olejniczak

Equip.	Descr.	Mesh Size	Available	390.02m <sup>3</sup>	Losses	35.20m <sup>3</sup>	Comments
Shaker 1	BEM 650	40/170/170	Active	261.87m <sup>3</sup>	Downhole	0.00m <sup>3</sup>	Treated active to reduce filtrate and density. No significant change in cuttings returned with hi-vis pill. Hole cleaned up within single bottoms up.
Shaker 2	BEM 650	40/120/120	Mixing		Surf+ Equip	0.00m <sup>3</sup>	
Shaker 3	BEM 650	40/120/120	Hole		Dumped	14.30m <sup>3</sup>	
Shaker 4	BEM 650	40/120/100	Slug		De-Gasser		
			Reserve	128.15m <sup>3</sup>	De-Sander	5.20m <sup>3</sup>	
			Kill		De-Silter	5.20m <sup>3</sup>	
					Centrifuge		
			Shakers	10.50m <sup>3</sup>			

## Marine

Weather on 05 Aug 2009								Rig Support	
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	17kn	10.0deg	1019.0mbar	12C°	1m	10.0deg	4s	1	109.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	111.0
0.3deg	0.1deg	0m	1m	240.0deg	10s			3	109.0
Rig Dir.	Ris. Tension	VDL	Comments					4	107.0
249.0deg	110mt	2077mt						5	113.0
								6	112.0
								7	118.0
								8	121.0

## Helicopter Movement

Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
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Helicopter Movement																															
XC	S61	11:01 / 11:09	3 / 0																												
Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks																											
Lewek Emerald	18:00 hrs 05-07-09		Stand by at rig.	<table border="1"> <thead> <tr> <th>Item</th> <th>Unit</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>Fuel</td> <td>M3</td> <td>723</td> </tr> <tr> <td>Potable Water</td> <td>M3</td> <td>220</td> </tr> <tr> <td>Drill Water</td> <td>M3</td> <td>272</td> </tr> <tr> <td>Barite</td> <td>MT</td> <td>75</td> </tr> <tr> <td>Gel</td> <td>MT</td> <td>0</td> </tr> <tr> <td>Cement</td> <td>MT</td> <td>0</td> </tr> <tr> <td>Brine</td> <td>M3</td> <td>107.6</td> </tr> </tbody> </table>	Item	Unit	Quantity	Fuel	M3	723	Potable Water	M3	220	Drill Water	M3	272	Barite	MT	75	Gel	MT	0	Cement	MT	0	Brine	M3	107.6			
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Lewek Swift		21:10 hrs 05-08-09	Departed rig for Geelong	<table border="1"> <thead> <tr> <th>Item</th> <th>Unit</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>Fuel</td> <td>M3</td> <td>408.24</td> </tr> <tr> <td>Potable Water</td> <td>M3</td> <td>111</td> </tr> <tr> <td>Drill Water</td> <td>M3</td> <td>31</td> </tr> <tr> <td>Barite</td> <td>MT</td> <td></td> </tr> <tr> <td>Gel</td> <td>MT</td> <td></td> </tr> <tr> <td>Cement</td> <td>MT</td> <td>0</td> </tr> <tr> <td>Brine</td> <td>M3</td> <td>0</td> </tr> <tr> <td>35% Silica Blend Cement</td> <td>MT</td> <td>0</td> </tr> </tbody> </table>	Item	Unit	Quantity	Fuel	M3	408.24	Potable Water	M3	111	Drill Water	M3	31	Barite	MT		Gel	MT		Cement	MT	0	Brine	M3	0	35% Silica Blend Cement	MT	0
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Yarabah	09:00 hrs 05-08-09		Vessel off hire from 09:00 hrs 5th Aug 09 all fast alongside Pt Welshpool.	<table border="1"> <thead> <tr> <th>Item</th> <th>Unit</th> <th>Quantity</th> </tr> </thead> <tbody> <tr> <td>Diesel</td> <td>M3</td> <td>70</td> </tr> <tr> <td>Potable Water</td> <td>M3</td> <td>340</td> </tr> </tbody> </table>	Item	Unit	Quantity	Diesel	M3	70	Potable Water	M3	340																		
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