



03 Aug 2009

DRILLING MORNING REPORT # 14
Basker 7

Well Data							
Country	Australia	M. Depth	3537.00m	Cur. Hole Size	216mm	AFE Cost	\$ 62560540
Permit	VIC/L26	TVD	2977.00m	Casing OD	244mm	AFE No.	BMGOD209D23
Drill Co.	Diamond Offshore	Progress	90.0m	Shoe TVD	2469.28m	Daily Cost	\$ 980507
Rig	Ocean Patriot	Days from spud	12.87	FIT	1.56sg	Cum Cost	\$ 13555079
Wtr Dpth(MSL)	154.20m	Days on well	13.25	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	Slipping and cutting drill line.				
		Planned Op	Complete slipping and cutting drill line. RIH 216 mm (8.5") PDM BHA on 127 mm (5") drill pipe from 2809 m to 3537 m. Drill 216 mm (8.5") hole with PDM BHA to 3950 m TD.				

Summary of Period 0000 to 2400 Hrs	
RIH 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 3182 m to 3448 m. Directionally drill 216 mm (8.5") hole with Vortex RSS BHA from 3448 m to 3537 m. Mud motor failed. POH 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 3537 m to surface. RIH 216 mm (8.5") PDM BHA on 127 mm (5") drill pipe to 31 m.	

Operations For Period 0000 Hrs to 2400 Hrs on 03 Aug 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	RIH	0000	0400	4.00	3448.0m	Ran in hole 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 301.38 m to 2854 m
PROD	TP	WAIT	0400	0500	1.00	3448.0m	Waited on weather. High winds were averaging between 93 km/hr (50 knots) to 111 km/hr (60 knots). Diamond procedures maximum 56 km/hr (30 knots) for man riding in derrick and maximum 93 km/hr (50 knots) for tripping. Concurrent Operations: Performed lower top drive service.
PROD	P	RIH	0500	0700	2.00	3448.0m	Ran in hole 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 2854 m to 3411 m.
PROD	P	RIH	0700	0800	1.00	3448.0m	Washed in hole 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 3411 m to 3448 m. String weights: 181 MT (400 klbs) pick up, 136 MT (300 klbs) slack off, 159 MT (350 klbs) rotating. Off bottom torque was 24 kNm (18 kft/lbs) with 22.8 MPa (3300 psi). On bottom torque was 28-31 kNm (21-23 kft/lbs) with 26.7 MPa (3850 psi) - differential 3.8 MPa (550 psi).
PROD	P	DRRS	0800	1200	4.00	3537.0m	Directionally drilled 216 mm (8.5") hole with Vortex RSS BHA from 3448 m to 3537 m MD. Averaged 22.5 m/hr.
PROD	TP	DRRS	1200	1300	1.00	3537.0m	Whilst drilling observed increase in pump pressure. Trouble shot downhole tool failure. Observed mud motor stator rubber at shakers. Flow checked well - static.
PROD	TP	POOH	1300	2030	7.50	3537.0m	Pulled out of hole 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 3537 m to 301.38 m. Observed 13.6 MT (30 klbs) drag at 2976 m. Flow check well at shoe and with BHA below BOP - static.
PROD	TP	BHA	2030	2300	2.50	3537.0m	Pulled out of hole 216 mm (8.5") Vortex RSS BHA on 127 mm (5") drill pipe from 301.38 m to surface. Broke out bit, mud motor and Xceed, C-link adapters. Bit had two nozzles plugged with stator rubber. Concurrent Operations: Downloaded and re-programmed MWD in derrick.
PROD	TP	BHA	2300	2400	1.00	3537.0m	Picked up new PDM mud motor, float sub, crossover and re-run bit. Made up 216 mm (8.5") PDM BHA to 31 m. Function tested MWD/LWD tools - good test.

Operations For Period 0000 Hrs to 0600 Hrs on 04 Aug 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	TP	BHA	0000	0100	1.00	3537.0m	Continued to run in hole 216 mm (8.5") PDM BHA from 31 m to 286.70 m.
PROD	TP	RIH	0100	0530	4.50	3537.0m	Ran in hole 216 mm (8.5") PDM BHA on 127 mm (5") drill pipe from 286.70 m to 2809 m. Swapped out elevators at 462 m due to broken bolt on face plate - 10 mins.
PROD	P	SLIP	0530	0600	0.50	3537.0m	Slipped and cut drill line.



Phase Data to 2400hrs, 03 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)	89.00	31 Jul 2009	03 Aug 2009	318.00	13.25	3537.0m

WBM Data Cost Today \$ 1223

Mud Type: KCL/Polymer/Klastop	API FL: 3.90cm ³ /30m	Cl: 44500mg/l	Solids(%vol): 9.5%	Viscosity 51sec/L
Sample-From: Active	Filter-Cake: 1mm	K+C*1000: 9.6%	H ₂ O: 89.0%	PV 16Pa/s
Time: 18:00	HTHP-FL:	Hard/Ca: 140mg/l	Oil(%): 2.0%	YP 26Pa
Weight: 1.14sg	HTHP-cake:	MBT: 3.5	Sand:	Gels 10s 8
Temp: 49C°		PM:	pH: 10.1	Gels 10m 9
		PF: 1.9	PHPA:	Fann 003 7
				Fann 006 9
				Fann 100 27
				Fann 200 36
				Fann 300 42
				Fann 600 58
Comment	Total cost: \$ 421,764.92			

Bit # 5

Wear	I	O1	D	L	B	G	O2	R
	1	0	CT	C	X	I	NO	DMF
Size: 216 mm (8 1/2 in)	IADC# M223	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr: SMITH	WOB(avg) 8.40mt	No.	Size	Progress	90m	Cum. Progress 90m		
Type: PDC	RPM 246	3	10mm	On Bottom Hrs	2.10h	Cum. On Btm Hrs 2.10h		
Serial No.: JX6263	F.Rate 2252lpm	3	9mm	IADC Drill Hrs	5.00h	Cum IADC Drill Hrs 5.00h		
Bit Model MSi616BPX	SPP 26207kPa			Total Revs	26500	Cum Total Revs 26500		
Depth In 3448m	TFA 0.72			ROP(avg)	42.86 m/hr	Cum. ROP(avg) 42.86 m/hr		
Depth Out 3538m								

Bit # 6 RR-1

Wear	I	O1	D	L	B	G	O2	R
							NO	
Size: 216 mm (8 1/2 in)	IADC# M223	Nozzles		Drilled over last 24 hrs		Calculated over Bit Run		
Mfr: SMITH	WOB(avg)	No.	Size	Progress		Cum. Progress 0m		
Type: PDC	RPM	3	9mm	On Bottom Hrs		Cum. On Btm Hrs 0.00h		
Serial No.: JX6263	F.Rate	3	10mm	IADC Drill Hrs		Cum IADC Drill Hrs 0.00h		
Bit Model MSi616BPX	SPP			Total Revs		Cum Total Revs 0		
Depth In 3538m	TFA 0.72			ROP(avg)	N/A	Cum. ROP(avg) 0.00 m/hr		
Depth Out								

BHA # 6

Weight(Wet) 21.77mt	Length 287m	Torque(max)	D.C. (1) Ann Velocity 0.00
Wt Below Jar(Wet) 4.50mt	String	Torque(Off.Btm)	D.C. (2) Ann Velocity 0.00
	Pick-Up	Torque(On.Btm)	H.W.D.P. Ann Velocity 0.00
	Slack-Off		D.P. Ann Velocity 0.00

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		



Equipment	Length	OD	ID	Serial #	Comment
Drilling Jars	9.18m	162mm	70mm	214E-7	
HWDP	227.71m	127mm	78mm		

BHA # 5						
Weight(Wet)	20.41mt	Length	301m	Torque(max)	D.C. (1) Ann Velocity	526.41
Wt Below Jar(Wet)	9.00mt	String		Torque(Off.Btm)	D.C. (2) Ann Velocity	0.00
		Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity	93.93
		Slack-Off			D.P. Ann Velocity	93.93

BHA Run Description

BHA Run Comment

Equipment	Length	OD	ID	Serial #	Comment
Bit	0.31m	216mm	52mm	JX6263	
PD RSS 675	7.64m	203mm	84mm	266	c/w ported float in bottom.
LWD Tools	3.14m	176mm	98mm	6063	C-Link Lower
LWD Tools	1.23m	171mm	78mm	1	Filter Sub
Mud Motor	9.49m	178mm	73mm	364806	Vortex Motor
LWD Tools	2.67m	175mm	79mm	6053	C-Link Upper.
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
175.70	0.0	0.0	175.70	0.0	0.0	0.0	0.0	
3433.68	36.9	153.9	2893.43	1695.1	-1479.2	827.8	0.6	
3462.78	36.5	152.0	2916.76	1712.5	-1494.7	835.7	1.2	
3492.05	35.8	152.9	2940.40	1729.7	-1510.0	843.7	0.9	
3500.29	35.5	152.9	2947.10	1734.5	-1514.3	845.9	1.1	
3537.00	34.1	153.0	2977.24	1755.5	-1533.0	855.4	1.1	

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite	mt	0	5	0	85.0
Gel	MT	0	0	0	51.0
Cement	MT	0	0	0	62.0
Fuel	M3	0	16.3	0	427.5
Potable Water	M3	32	26	0	343.0
Drill Water	M3	8	74	0	313.0

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	1.13	97	70	26207	1126	3472	20	2967	323	30	3657	484	40	4623	646
2	NATIONAL 12P - 160	152.40	1.13	97	70	26207	1126	3472	20	2898	323	30	3657	484	40	4554	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



Personnel On Board

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	6
Cementing	Schlumberger	Anzon Australia 3rd Party	2
Rig Crew	Drilling	Diamond Offshore 3rd Party	45
Other		Diamond Offshore 3rd Party	1
Catering	ESS	Diamond Offshore 3rd Party	8
DD	Schlumberger	Anzon Australia 3rd Party	2
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
Toshiki Tsuchiya	Reservoir Engineer	Anzon Australia Pty Limited	1
Casing Hands	BJ Tubulars	Anzon Australia 3rd Party	2
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
Total			99

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
LTI		160		
Abandon Drill	02 Aug 2009	1 Day		Full muster at 10:49 hrs
Fire Drill	02 Aug 2009	1 Day		Simulated in Cement room. Full muster at 10:38 hrs
First Aid Case	19 Jul 2009	15 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	03 Aug 2009	0 Days		Drill crew - 0 Trip - 3 Crane crew - 14 Mechanic - 4 Welder - 7 Sub Sea - 0 Marine - 0 Pump room - 0 Electrician - 0
Lost Time Incident	15 Jun 2009	49 Days	160 days	LTI = 160 days since start of rig assignment on 25 Feb 2009.
Permit To Work	03 Aug 2009	0 Days		Hot - 8 Cold - 11
Pre-Tour Meetings	03 Aug 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	03 Aug 2009	0 Days		Safe - 60 Unsafe - 26
Weekly Safety Meeting	02 Aug 2009	1 Day		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	2117mt	249.0deg



Shakers, Volumes and Losses Data				Engineer : Manfred Olejniczak			
Equip.	Descr.	Mesh Size	Available	448.22m ³	Losses	3.70m ³	Comments
Shaker 1	BEM 650	30/170/120	Active	248.36m ³	Downhole	0.00m ³	Made slug to POH.
Shaker 2	BEM 650	30/120/120	Mixing		Surf+ Equip	0.00m ³	
Shaker 3	BEM 650	30/170/120	Hole		Dumped		
Shaker 4	BEM 650	20/170/120	Slug		De-Gasser		
			Reserve	199.86m ³	De-Sander	1.20m ³	
			Kill		De-Silter	1.20m ³	
					Centrifuge		
			Shakers	1.30m ³			

Marine									
Weather on 03 Aug 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	60kn	310.0deg	1020.0mbar	12C°	4m	310.0deg	4s	1	112.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	114.0
0.3deg	0.3deg	0m	2m	250.0deg	10s			3	109.0
Rig Dir.	Ris. Tension	VDL	Comments					4	110.0
249.0deg	109mt	2117mt						5	112.0
								6	108.0
								7	120.0
								8	117.0

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XC	S61	10:27 / 10:36	4 / 3	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks																											
Lewek Emerald	24:00 hrs 02-07-09		In 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>359</td></tr> <tr><td>Potable Water</td><td>M3</td><td>231</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	359	Potable Water	M3	231	Drill Water	M3	272	Barite	MT	75	Gel	MT	0	Cement	MT	0	Brine	M3	107.6			
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Lewek Swift	22:05 hrs 02-08-09		Standby 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>431</td></tr> <tr><td>Potable Water</td><td>M3</td><td>395</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>41</td></tr> <tr><td>Brine</td><td>M3</td><td>0</td></tr> <tr><td>35% Silica Blend Cement</td><td>MT</td><td>40</td></tr> </tbody> </table>	Item	Unit	Quantity	Fuel	M3	431	Potable Water	M3	395	Drill Water	M3	31	Barite	MT		Gel	MT		Cement	MT	41	Brine	M3	0	35% Silica Blend Cement	MT	40
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