



14 Aug 2009

DRILLING MORNING REPORT # 25
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	\$ 1101513
Rig	Ocean Patriot	Days from spud	23.87	FIT	1.56sg	Cum Cost	\$ 26040742
Wtr Dpth(MSL)	154.20m	Days on well	24.25	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	Circulating hole clean with sea water, mixing HEC pill and filtering brine				
		Planned Op	Circulate hole clean with sea water. Displace hole to 1.08 sg filtered brine. Spot HEC pill across perforating intervals. Pull out of hole to 244mm (9 5/8") clean out assembly. Make up and run in hole with BOP jetting sub and riser brush, clean marine riser and jet BOP. Pull out of hole, lay out both clean out assembly and 3 1/2" drill pipe. Run correlation log.				

Summary of Period 0000 to 2400 Hrs

Cemented 178mm (7") liner in place. Attempted to pressure test casing after top plug bumped. Plug failed after holding 34,470 KPa (5000 psi) for 3 mins, pressure stabilized at 8617 KPa (1250 psi), floats held. Pressure tested ZX packer against annular to 34,470 KPa (5000 psi), good test. Displaced hole and flushed surface equipment to sea water. Pulled out of hole with 178mm (7") liner RT. Made up and ran in hole with 178mm (7") x 244 mm (9 5/8") clean out assembly to 3290 m. Scraped intervals from 3290 m to 3710 m.

Operations For Period 0000 Hrs to 2400 Hrs on 14 Aug 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	CMTF	0000	0130	1.50	3921.0m	Continued to cement 178mm (7") liner. 00:02 hrs - Completed pumping 13.88 m3 (87.3 bbls) of 1.86 sg (15.5 ppg) HTB cement slurry. 00:03 hrs - Dropped dart. 00:05 hrs - Flushed surface line with seawater. 00:09 hrs - Commenced displacing cement with seawater. 00:26 hrs - Completed displacing cement with 20.11m3 (126.5 bbls) of seawater 00:27 hrs - Switched over to rig pump and continued to displace cement with mud. Sheared out wiper plug with 8962 KPa (1300 psi). Pumped 24.64 m3 (155 bbls) 00:54 hrs - Bumped plug at 793 lpm (210 gpm) with 10341 KPa (1500 psi), increased to 17,237 KPa (2500 psi). Bled off pressure, switched over to cement unit. 00:58 hrs - Pumped 0.71 m3 (4.5 bbls) and attempted pressure test liner to 34470 KPa (5000 psi), plug failed after holding for 3 mins. Pressure stabilized at 8617 KPa (1250 psi) Bled off pressure, returns 0.31 m3 (2 bbls). Floats held. Note: Shoe track volume 0.8 m3 (5 bbls). Shoe at 3920.7 m, float collar at 3894.18 m, landing collar at 3879.8 m and TOL at 2849.24 m. Liner rotated continuously during cementing and displacement at 20 rpm up until bumping plug with 16,269/20,337 KNm (12,000/15,000 ftlbs) torque.
PROD	P	TEST	0130	0200	0.50	3921.0m	Cement unit pumped 1.29 m3 (8.1 bbls) of seawater and pressured tested ZX packer against annular to 34,470 KPa (5000 psi) for 10 mins, good test. Bled off pressure, 1.29 m3 (8.1 bbls) returned.
PROD	P	PIKL	0200	0400	2.00	3921.0m	Released liner RT, picked up 1 m above liner lap and displaced hole to seawater, dumping mud. Flushed kill / choke lines, surface manifolds and boosted marine riser. Rigged down surface lines. Note : Cement traces noted in returns at bottom up.
PROD	P	POOH	0400	0830	4.50	3921.0m	Racked back cement head stand. Pulled out of hole with 178mm (7") liner running tool on 127mm (5") drill pipe. Concurrent operations: Commenced installation of air line for 20 core umbilical reeler and testing HFL. Connected power to HPU.
PROD	P	BOP	0830	0900	0.50	3921.0m	Function tested BOP on blue pod from drillers panel and function tested diverter system from toolpushers panel. Concurrent operations: Continued installation of air line for 20 core umbilical reeler and testing HFL.
PROD	P	POOH	0900	0930	0.50	3921.0m	Continued to pull out of hole with 178mm (7") liner running tool on 127mm (5") drill pipe. Concurrent operations: Continued testing HFL.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	POOH	0930	1100	1.50	3921.0m	Laid out 178mm (7") liner running tool and cement plug releasing head stand.
PROD	P	RCO	1100	1200	1.00	3921.0m	Re-arranged pipe in derrick. Made up 178mm (7") clean out assembly.
							Concurrent operations: Completed testing HFL. Commenced conducting checks on 20 core umbilical.
PROD	P	RCO	1200	1400	2.00	3921.0m	Ran in hole with 178mm (7") clean out assembly, picking up 89mm (3 1/2") drill pipe to 347 m.
							Concurrent operations: Continued to conduct checks on 20 core umbilical.
PROD	P	RCO	1400	1530	1.50	3921.0m	Continued to run in hole with clean out assembly, running 89mm (3 1/2") drill pipe from derrick to 1017 m.
							Concurrent operations: Continued to conduct checks on 20 core umbilical.
PROD	P	RCO	1530	1630	1.00	3921.0m	Changed out handling tools from 89mm (3 1/2") to 127mm (5"). Made up 244mm (9 5/8") to 1080 m.
							Concurrent operations: Continued to conduct checks on 20 core umbilical.
PROD	P	RCO	1630	2100	4.50	3921.0m	Continued to run in hole with 178mm (7") x 244mm (9 5/8") clean out assembly on 127mm (5") drill pipe to 3290 m.
							Concurrent operation: Fit TH lock/unlock hydraulic valve to 20 core umbilical reeler. Schlumberger commenced fitting wire drum to unit and making up guns.
PROD	P	RCO	2100	2400	3.00	3921.0m	Continued to run in hole with 178mm (7") x 244mm (9 5/8") clean out assembly on 127mm (5") drill pipe, making two passes with scraper over intervals from 3290 m to 3320 m, from 3545 m to 3575 m, from 3615 m to 3630 m, from 3680 m to 3710 m, pumping at 1890 lpm (500 gpm) with 27,576 KPa (4000 psi) and 60 rpm with 6779 KNm (5000 ft/lbs) torque.
							Concurrent operation: Schlumberger continued to fit wire drum to unit and making up guns.

Operations For Period 0000 Hrs to 0600 Hrs on 15 Aug 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	P	RCO	0000	0100	1.00	3921.0m	Continued to run in hole with 178mm (7") x 244mm (9 5/8") clean out assembly on 127mm (5") drill pipe, making two passes with scraper over intervals from 3785 m to 3815 m and from 3825 m to 3855 m, pumping at 1890 lpm (500 gpm) with 27,576 KPa (4000 psi) and 60 rpm with 6779 KNm (5000 ft/lbs) torque.
							Concurrent operation: Commenced brine filtration. Schlumberger continued to fit wire drum to unit and making up guns.
PROD	P	CIRC	0100	0230	1.50	3921.0m	Mixed and pumped wellbore clean out pills. Pumped 50 bbls seawater treated with 1.5ppb M-1 Flo - Vis with rig pump. Pumped 100 bbls seawater treated with 2 drums SafeSurf WN with cement unit. Pumped 50 bbls seawater treated with 1.5ppb M-1 Flo - Vis with rig pump. Displaced pills with 300 bbls of seawater at 1874 lpm (496 gpm) with 28,954 KPa(4200 psi).
							Concurrent operation: Continued brine filtration. Schlumberger continued to fit wire drum to unit and making up guns.
PROD	P	CIRC	0230	0600	3.50	3921.0m	Landed out on hanger with 27.21 mt (60klbs) and opened pump out sub. Continued circulating hole clean at 3969 lpm (1050gpm) with 24,129 KPa (3500 psi). Observed gel hi vis and cuttings on bottom's up. Pumped third 50 bbls seawater treated with 1.5ppb M-1 Flo - Vis with rig pump. Bottom's up clean.
							Concurrent operation: Continued brine filtration and mixed HEC pill.

Phase Data to 2400hrs, 14 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)	353.00	31 Jul 2009	14 Aug 2009	582.00	24.25	3921.0m



WBM Data				Cost Today			
Mud Type:	Filtered Brine	API FL:	Cl:	80000mg/l	Solids(%vol):	Viscosity	
Sample-From:		Filter-Cake:	K+C*1000:		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	
	\$ 491038.98					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	17	0	21.0	
Fuel	M3	0	11	0	492.4	
Potable Water	M3	0	22	0	342.0	
Drill Water	M3	32	68	0	704.0	

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				3829	20	3726	323	30	4830	484	40	5865	646	
2	NATIONAL 12P - 160	152.40	1.14	97				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	Ivan Parkhurst	Anzon Australia Pty Limited	1
Drilling Supervisor	Calvin McCabe	Anzon Australia Pty Limited	1
Logistics Coordinator	Lindsay Taylor	Anzon Australia Pty Limited	1
HSE	Gordon Drew	Anzon Australia Pty Limited	1
OIM	Dennis Gore	Diamond Offshore	1
Mudlogging	BHI	Anzon Australia 3rd Party	2
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	45
Other		Diamond Offshore 3rd Party	4
Catering	ESS	Diamond Offshore 3rd Party	8
Casing Hands	BJ Tubulars	Anzon Australia 3rd Party	4
Wireline	Schlumberger	Anzon Australia 3rd Party	6
Completion	Baker Oil Tools	Anzon Australia 3rd Party	6
Reservoir Engineer	Russel Love	Anzon Australia Pty Limited	1
Completions Supervisors	AWT	Anzon Australia 3rd Party	2
Wellhead	Cameron	Anzon Australia 3rd Party	1
Subsea Completion	Cameron	Anzon Australia 3rd Party	2
Cleanout Technicain	Baker Oil Tools	Anzon Australia 3rd Party	1
Filtration Technician	Scottech Filtration	Anzon Australia 3rd Party	2
Subsea Supervisors	AGR	Anzon Australia 3rd Party	2
Total			98



HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
LTI		170		
Abandon Drill	09 Aug 2009	5 Days		Full muster at 10:47 hrs
Fire Drill	09 Aug 2009	5 Days		Simulated in Cement room. Full muster at 10:36 hrs
First Aid Case	19 Jul 2009	26 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	14 Aug 2009	0 Days		Drill crew 1 Trip - 5 Pump room - 2 Crane crew - 14 Mechanic - 0 Electrician - 1 Welder - 6 Sub Sea - 0 Marine - 2 3rd Party - 0
Lost Time Incident	15 Jun 2009	60 Days	170 days	LTI = 170 days since start of rig assignment on 25 Feb 2009.
Permit To Work	14 Aug 2009	0 Days		Hot - 5 Cold - 14
Pre-Tour Meetings	14 Aug 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	14 Aug 2009	0 Days		Safe - 67 Unsafe - 16
Weekly Safety Meeting	09 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	2009mt	249.0deg

Shakers, Volumes and Losses Data

Engineer : Graeme Garrick

Equip.	Descr.	Mesh Size	Available	0.00m ³	Losses	241.00m ³	Comments
Shaker 1	BEM 650	40/170/170	Active		Downhole		Building 1.08 sg filtered brine system. 238.47 m3 (1500 bbls) on board
Shaker 2	BEM 650	40/100/120	Mixing		Surf+ Equip	0.00m ³	
Shaker 3	BEM 650	40/100/120	Hole		Dumped	241.00m ³	
Shaker 4	BEM 650	40/100/120	Slug		De-Gasser		
			Reserve		De-Sander	0.00m ³	
			Kill		De-Silter	0.00m ³	
					Centrifuge		
			Shakers				

Marine

Weather on 14 Aug 2009								Rig Support	
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	26kn	240.0deg	1017.0mbar	15C°	1m	240.0deg	2s	1	111.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	115.0
0.3deg	0.3deg	0m	2m	240.0deg	11s			3	106.0
Rig Dir.	Ris. Tension	VDL	Comments					4	110.0
249.0deg	109mt	2009mt						5	116.0
								6	114.0
								7	120.0
								8	124.0



Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XEC	S61	09:44 / 10:01	10 / 7	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Lewek Emerald	14:30 hrs 14-08-09		On location.	Item	Unit	Quantity
				Fuel	M3	368.5
				Potable Water	M3	230
				Drill Water	M3	268
				Barite	MT	75
				Gel	MT	0
				Cement	MT	0
Brine	M3	129.72				
Lewek Swift		20:45 14-08-09	En-Route to Geelong ETA 23:00 HRS 15-08-09	Item	Unit	Quantity
				Fuel	M3	331
				Potable Water	M3	460
				Drill Water	M3	120
				Barite	MT	
				Gel	MT	
				Cement	MT	0
				Brine	M3	11.69
35% Silica Blend Cement	MT	0				