25 Jul 2009

DRILLING MORNING REPORT # 5
Basker 7

Well Data

Country	Australia	M. Depth	1061.70m	Cur. Hole Size	406mm	AFE Cost	$ 62560540
Permit	VIC/L26	TVD	981.30m	Casing OD	340mm	AFE No.	BMGOD209D23
Drill Co.	Diamond Offshore	Progress	0.0m	Shoe TVD	981.30m	Daily Cost	$ 931246
Rig	Ocean Patriot	Days from spud	3.87	FIT		Cum Cost	$ 4450682
Wtr Dpth(MSL)	152.90m	Days on well	4.25	LOT		Planned TD	
RT-ASL(MSL)	21.50m	Lat	38 ° 17 ' 58.779 " S	Long	148 ° 42 ' 22.313 " E	Datum	GDA94
RT-ML	174.40m	Current Op @ 0600	Laying out marine riser landing joint.				
		Planned Op	Install diverter. Lay out marine riser handling equipment. Make up and run in hole with 311.15 mm (12 1/4") directional BHA. Tag cement, drill out shoe track , clean out rathole and drill 3 m of new 311.15 mm (12 1/4") hole. Perform FIT to EMW 1.56 SG. Continue drilling 311.15 mm (12 1/4") hole.				

Summary of Period 0000 to 2400 Hrs

Made up 476.25mm (18 3/4") wellhead joint to casing c/w Schlumberger plug launching assembly. Continued to run 339.7mm (13 3/8") casing on 127mm (5") landing string to 1009m. Washed casing down from 1009m to 1047m. Made up DSE stand. Landed out 339.7mm (13 3/8") casing and confirmed same with 22.67 mt (50k) overpull, shoe at 1056.65m. Circulated casing with sea water prior to cementing. Cemented casing and bumped plug with 13788 kPa (2000 psi), no back flow. Released wellhead RT from 476.25mm (18 3/4") wellhead and pulled 127mm (5") landing string. Laid out 476.25mm (18 3/4") wellhead RT and DSE stand. Rigged up and ran BOP. Commenced testing choke and kill manifold.
Concurrent operations: Completed sequence testing between Crystal Ocean,SS manifold and Basker 3 SST.

Operations For Period 0000 Hrs to 2400 Hrs on 25 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SURF	P	RCAS	0000	0200	2.00	1061.7m	Made up and ran 476.25mm (18 3/4") wellhead joint. Laid out running tool. Picked up 476.25mm (18 3/4") wellhead RT stand. Made up Schlumberger plug launching assembly. Filled casing with water. Made up 476.2mm (18 3/4") wellhead RT to wellhead.
SURF	P	RCAS	0200	0400	2.00	1061.7m	Continued to run 339.7mm (13 3/8") 101.2 kg/m (68 ppf) K-55 casing, c/w buttress thread, on 127mm (5") landing string from 884m to 1009m. Made up TDS and established circulation while working casing. Washed 339.7mm (13 3/8") casing down from 1009m to 1047m at 1323 lpm (350 gpm). Made up DSE stand. Pick up weight 163 MT (360 klbs), slack off weight 117.91 MT (260 klbs).
SURF	P	RCAS	0400	0530	1.50	1061.7m	Landed out 476.25mm (18 3/4") wellhead in 762mm (30") low pressure wellhead housing, confirmed latched with 22.67 MT (50 klbs) overpull above pick up weight, total pick up weight 185.94 MT (410 klbs). Circulated 76.94 m3 (484 bbls) of seawater, staging up from 1323 lpm (350gpm) to 2381 lpm (630gpm). Note: 339.7mm (13 3/8") Shoe at 1056.65m. 2 degree Slope indicators reading 3/4 degree fwd.
SURF	P	CRU	0530	0600	0.50	1061.7m	Rigged up surface cement line.
SURF	P	CMTP	0600	0830	2.50	1061.7m	Cemented 339.7mm (13 3/8") casing. 06:18 hrs - Pumped 0.79 m3 (5 bbls) of seawater spacer. 06:30 hrs - Pressure tested surface line to 20682 kPa (3000 psi), good test. 06:35 hrs - Pumped 0.79 m3 (5 bbls) of seawater spacer. 06:40 hrs - Dropped bottom dart. Pumped 1.68 m3 (10.6 bbls) of sea water and observed shear out at 15166 kPa (2200 psi). 06:44 hrs - Commenced mixing and pumping 31.54 m3 (198.44 bbls - 497 sx) of 1.5 sg lead slurry. 07:17 hrs - Commenced mixing and pumping 18.12 m3 (114 bbls - 537 sx) of 1.89 sg tail slurry. 07:35 hrs - Dropped top dart. Pumped 1.68 m3 (10.6 bbls) of sea water and observed shear out at 13788 kPa (2000 psi). 07:50 hrs - Continued to displace with sea water, using rig pump at 1587 lpm (420gpm). Reduced rate to 794 lpm (210 gpm) prior to bump. Total pumped with rig pump 66 m3 (415.44 bbls). Bumped with 13788 KPa (2000 psi), good test. Bled off pressure, no back flow. Note: ROV monitored good returns during cement job, cement returns observed.
SURF	P	RCAS	0830	1000	1.50	1061.7m	Rigged down cement line. Released 476.2 mm (18 3/4") wellhead RT. Skidded rig to safe zone (15m fwd). Pulled 476.2 mm (18 3/4") wellhead RT on landing string.
SURF	P	RCAS	1000	1100	1.00	1061.7m	Laid out DSE stand and 476.2 mm (18 3/4") wellhead RT Concurrent operation: AGR commenced sequence testing on B3 between Crystal Ocean, SS manifold and B3 SST at 10:35 hrs
SURF	P	RSER	1100	2400	13.00	1061.7m	Rigged up and ran BOP on 1 x termination joint, 8 x flotation marine riser joints, 1 x

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							marine riser pup joint, slip joint and landing joint. Commenced pressure testing choke and kill lines to 1723/34470 KPa (250/5000 psi) for 5/10 mins. Concurrent operation: Completed sequence testing between Crystal Ocean, SS manifold and Basker 3 SST at 15:30 hrs Tested choke manifold 1723/34470 KPa (250/5000 psi) for 5/10 mins

Operations For Period 0000 Hrs to 0600 Hrs on 26 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
SURF	P	RSER	0000	0030	0.50	1061.7m	Continued to pressure test slip joint, kill and choke lines to 1723/34470 kPa (250/5000 psi) for 5/10 mins.
SURF	P	RSER	0030	0100	0.50	1061.7m	Picked up and latched SDL ring
SURF	P	RSER	0100	0300	2.00	1061.7m	Installed storm saddles c/w pod hoses. Concurrent operation: Skidded rig back over location.
SURF	P	RSER	0300	0400	1.00	1061.7m	Landed BOP connector on 476.25mm (18 3/4") wellhead and latched same. Confirmed latched with 22.67 MT (50 klbs) overpull on both yellow and blue pods.
SURF	P	RSER	0400	0500	1.00	1061.7m	Installed jumper hoses to pod reels and pressured up BOP panel. Broke circulation with cement unit, closed shear rams and pressure tested BOP connector against casing to 13788 KPa (2000 psi) for 10 mins on yellow pod, switched to blue pod and repeat test for 5 mins, good test.
SURF	P	RSER	0500	0600	1.00	1061.7m	Released slip joint inner barrell and scoped out same. Laid out landing joint.

Phase Data to 2400hrs, 25 Jul 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)	72.00	23 Jul 2009	25 Jul 2009	102.00	4.25	1061.7m

WBM Data

Cost Today $ 227

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:$ 37462.58

Building new KCL/Polymer mud system

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite	mt	56	0	0	101.0
Gel	MT	26	0	0	51.0
Cement	MT	0	43	0	89.0
Fuel	M3	0	9.7	0	442.7
Potable Water	M3	11	17	0	322.0
Drill Water	M3	395	81	0	447.0

Pumps

Pump Data - Last 24 Hrs

No.	Type	Liner (mm)	MW (sg)	Eff (%)	SPM (SPM)	SPP (kPa)	Flow (lpm)
1	NATIONAL 12P - 160	152.40		97			
2	NATIONAL 12P - 160	152.40		97			
3	NATIONAL 12P - 160	152.40		97			

Slow Pump Data

Depth (m)	SPM1 (SPM)	SPP1 (kPa)	Flow1 (lpm)	SPM2 (SPM)	SPP2 (kPa)	Flow2 (lpm)	SPM3 (SPM)	SPP3 (kPa)	Flow3 (lpm)

Personnel On Board

Job Title	Personnel	Company	Pax
Senior Drilling Supervisor	Pat Brown	Anzon Australia Pty Limited	1
Drilling Supervisor	Calvin McCabe	Anzon Australia Pty Limited	1
Logistics Coordinator	Shelly Hares	Anzon Australia Pty Limited	1
HSE	Shaun Hingerty	Anzon Australia Pty Limited	1
OIM	Rod Dotson	Diamond Offshore	1
Mudlogging	BHI	Anzon Australia 3rd Party	4
Drilling Fluids	MI	Anzon Australia 3rd Party	2
Wellhead	Cameron	Anzon Australia 3rd Party	3
ROV	Subsea 7	Anzon Australia 3rd Party	6
Cementing	Dowell	Anzon Australia 3rd Party	2
Rig Crew	Drilling	Diamond Offshore 3rd Party	48
Other		Diamond Offshore 3rd Party	1
Catering	ESS	Diamond Offshore 3rd Party	8
TBG	BJ	Anzon Australia 3rd Party	4
DD	Schlumberger	Anzon Australia 3rd Party	2
MWD	Schlumberger	Anzon Australia 3rd Party	3
Subsea	AGR	Anzon Australia 3rd Party	2
Geologist	Shane Robbie	Anzon Australia Pty Limited	1
MWD/DD Supervisor	Justin Sarmiento	Anzon Australia Pty Limited	1
Caprock	Lundgren Sixten	Anzon Australia 3rd Party	1
		Total	93

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
LTI		151		
Abandon Drill	19 Jul 2009	6 Days		Full muster at 22:26 hrs
Fire Drill	19 Jul 2009	6 Days		Simulated in store room, port box girder. Full muster at 22:21 hrs
First Aid Case	19 Jul 2009	6 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	25 Jul 2009	0 Days		Drill crew -15 Crane crew - 12 Mechanic - 2 Welder - 5 Sub Sea - 4 Marine - 0 Pump room - 1 Electrician - 0
Lost Time Incident	15 Jun 2009	40 Days	147 days	LTI = 147 days since start of rig assignment on 25 Feb 2009.
Permit To Work	25 Jul 2009	0 Days		Hot - 4 Cold - 14
Pre-Tour Meetings	25 Jul 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	25 Jul 2009	0 Days		Safe - 72 Unsafe - 24
Weekly Safety Meeting	19 Jun 2009	36 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	2100mt	249.0deg

Shakers, Volumes and Losses Data

Engineer : Manfred Olejniczak

Equip.	Descr.	Mesh Size

Available	**0.00m³**
Active	
Mixing	
Hole	
Slug	
Reserve	
Kill	

Losses	**0.00m³**
Downhole	
Surf+ Equip	0.00m³
Dumped	
De-Gasser	
De-Sander	
De-Silter	
Centrifuge	

Comments

Mixing new mud system

Marine

Weather on 25 Jul 2009

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10nm	15kn	10.0deg	1018.0mbar	16C°	1m	10.0deg	2s

Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments
0.2deg	0.2deg	0m	1m	140.0deg	10s	

Rig Dir.	Ris. Tension	VDL	Comments
249.0deg	0mt	2100mt	

Rig Support

Anchors	Tension (mt)
1	109.0
2	113.0
3	110.0
4	107.0
5	117.0
6	104.0
7	106.0
8	104.0

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Lewek Emerald		18:47 hrs 25-07-09	En route to Port Phillip Bay ETA 13:30 hrs 26-07-09	

Item	Unit	Quantity
Fuel	M3	277
Potable Water	M3	197
Drill Water	M3	0
Barite	MT	75
Gel	MT	0
Cement	MT	0
Brine	M3	114.46

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Lewek Swift		17:15 hrs 03-07-09	On hire at 06:00 on 25-07-09. On standby in Geelong.	

Item	Unit	Quantity
Fuel	M3	644.7
Potable Water	M3	305
Drill Water	M3	255
Barite	MT	
Gel	MT	
Cement	MT	40.6
Brine	M3	206.67

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Pacific Protector	17:00 hrs 24-07-09		On standby at location.	

Item	Unit	Quantity
Diesel	M3	311.6
Potable Water	M3	284
Drill Water	M3	
Gel	MT	
Barite	MT	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Yarabah	09:00 hrs 25-07-09	15:45 hrs 25-0709	En-route to Barry's Beach ETA 06:00 hrs 26-07-09	

Item	Unit	Quantity
Diesel	M3	95
Potable Water	M3	90