



15 Jul 2009

**DRILLING MORNING REPORT # 27**  
**Basker 3 Workover**

Well Data							
Country	Australia	M. Depth	0.00m	Cur. Hole Size	AFE Cost	\$ 32256870	
Permit	VIC/L26	TVD	0.00m	Casing OD	AFE No.	DMGOD209D22	
Drill Co.	Diamond Offshore	Progress	0.0m	Shoe TVD	Daily Cost	\$ 2297262	
Rig	Ocean Patriot	Days from spud		FIT	Cum Cost	\$ 27627183	
Wtr Dpth(MSL)	152.90m	Days on well	26.60	LOT	Planned TD		
RT-ASL(MSL)	21.50m	Lat	38 ° 17 ' 58.972 " S	Long	148 ° 42 ' 24.873 " E	Datum	GDA94
RT-ML	174.40m	Current Op @ 0600	Running in hole completion with tubing landing string c/w annulus access hose and umbilical at 3793 m.				
		Planned Op	Continue running in hole completion with landing string to 3938.59 m. Land and lock tubing hanger. Pressure up tubing and set completion packers. Pressure test annulus. Inflow test SSSV. Set S-line plug in tubing hanger. Un-latch tubing hanger spanner joint and pull out of hole 140 mm (5.5") tubing riser. Unlatch and pull BOP.				

**Summary of Period 0000 to 2400 Hrs**

Continued to run in hole tubing completion BHA from 2234 m to 3653 m.  
Ran in hole E-line with GR/CCL tools and performed correlation with pip tags at packers and casing.  
Spotted 12.4 m3 (70 bbls) packer fluid in annulus.  
Continued to run in hole tubing completion BHA from 3653 m to 3692 m.  
Made up and tested SSSV.  
Continued to run in hole tubing completion BHA from 3697 m to 3755 m.  
Made up 476 mm (18.75") tubing hanger to tubing.  
Connected control lines to hanger and pressure tested.  
Laid out tubing hanger running tool and picked up tubing hanger spanner joint.

**Operations For Period 0000 Hrs to 2400 Hrs on 15 Jul 2009**

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SMRT	0000	0900	9.00	0.0m	Continued to run in hole 89 mm (3.5"), 13.7 kg/m (9.2 lb/ft) 13Cr tubing completion BHA on 114 mm (4.5"), 18.8 kg/m (12.6 lb/ft) 13Cr tubing from 2234 m to 3653 m. Placed control line clamps over all connections.
CMPLT	P	COPS	0900	1000	1.00	0.0m	Rigged up E-line c/w GR/CCL tools. Rigged up long 6.7 m (22 ft) bails.
CMPLT	P	COPS	1000	1230	2.50	0.0m	Picked up tubing string from 3654 m to 3634 m and then slacked off to 3644 m with string in compression. Ran in hole E-line with GR/CCL tools to 3150 m. Performed correlation with pip tags in 7 x packers and at 3340 m in 244 mm (9.625") casing and at 3644.34 m in the 178 mm (7") casing. Correlation measured string 0.5 m above string depth. Pulled out of hole with GR/CCL tools.
CMPLT	P	COPS	1230	1330	1.00	0.0m	Rigged down E-line and laid out GR/CCL tools. Rigged down long bails and rigged up drilling bails.
CMPLT	P	SMRT	1330	1530	2.00	0.0m	Made up top drive and pumped 12.4 m3 (78 bbls) packer fluid at 0.45 m3/min (3 bbls/min), 690 kPa (100 psi) and displaced to spot in annulus with 26.7 m3 (168 bbls) filtered brine, 1.03 sg (8.6 ppg) at 0.45 m3/min (3 bbls/min), 690 kPa (100 psi). Note: Whilst picking up string from slips, string rotated 3/4 turn anti-clockwise. Replaced slips and rotated table clockwise to correct.
CMPLT	P	SMRT	1530	1600	0.50	0.0m	Continued to run in hole 89 mm (3.5"), 13.7 kg/m (9.2 lb/ft) 13Cr tubing completion BHA on 114 mm (4.5"), 18.8 kg/m (12.6 lb/ft) 13Cr tubing from 3653 m to 3692 m. Placed control line clamps over all connections.
CMPLT	P	SMRT	1600	1630	0.50	0.0m	Made up SSSV assembly. Function tested SSSV x 3 at 34.5 MPa (5,000 psi) measuring return volumes - good. Pressure tested TRSV to 51.8 MPa (7,500 psi) - good.
CMPLT	P	SMRT	1630	1730	1.00	0.0m	Continued to run in hole 89 mm (3.5"), 13.7 kg/m (9.2 lb/ft) 13Cr tubing completion BHA on 114 mm (4.5"), 18.8 kg/m (12.6 lb/ft) 13Cr tubing from 3697 m to 3755 m. Placed control line clamps over all connections.
CMPLT	P	SMRT	1730	1800	0.50	0.0m	Made up 476 mm (18.75") tubing hanger to 114 mm (4.5"), 18.8 kg/m (12.6 lb/ft) 13Cr tubing completion string.
CMPLT	P	SMRT	1800	2030	2.50	0.0m	Bleed off control line pressures. Measured and cut control lines. Connected control lines into tubing hanger.
							Note: Required to lightly sand down control line ends above baker jam nut ferrule to



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SMRT	2030	2200	1.50	0.0m	insert into restricted bore of hanger. Pressure tested SSSV control line and flatpack control lines to 5.2 MPa (750 psi) low and 51.8 MPa (7,500 psi) high - good.
CMPLT	P	SMRT	2200	2300	1.00	0.0m	Concurrent Operations : Cement unit flushed annulus access hose with 1.3 m3 (8 bbls) filtered brine treated with oxygen scavenger. Landed 476 mm (18.75") tubing hanger in rotary table. Disconnected control lines from hanger running tool. Laid out tubing hanger running tool.
CMPLT	P	SMRT	2300	2400	1.00	0.0m	Crane lifted 476 mm (18.75") tubing hanger spanner joint to v-door with umbilical connected. Installed annulus access hose to top of spanner joint whilst in v-door. Picked up tubing hanger spanner joint and connected to 476 mm (18.75") tubing hanger.

### Operations For Period 0000 Hrs to 0600 Hrs on 16 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SMRT	0000	0030	0.50	0.0m	Pulled annulus access hose banana sheeve free that had become jammed in behind drill pipe in derrick due to high winds. Laid out flatpack control line sheeve from derrick.
CMPLT	P	SMRT	0030	0330	3.00	0.0m	Function tested 476 mm (18.75") tubing hanger through 20 core umbilical - good. Pressure tested annulus access hose with cement unit to 1.7 MPa (250 psi) low and 31 MPa (4,500 psi) high - good. Pressure tested control lines through umbilical to 5.2 MPa (750 psi) low and 51.8 MPa (7,500 psi) - good.
CMPLT	P	SMRT	0400	0430	0.50	0.0m	Completed Cameron pre-running checks. Picked up tubing hanger and disconnected split landing bowls. Installed hole cover and removed 2 x 25 mm (1") annulus bore plugs from tubing hanger. Removed master bushings. Lowered tubing hanger below rotary table with 244 mm (9.625") part of spanner joint at rotary. Re-installed master bushings.
CMPLT	P	SMRT	0430	0500	0.50	0.0m	Rigged up to run 140 mm (5.5") tubing landing string. Rigged up shuttle table for slips. Cleared floor of SSSV control line basket. Pulled loop in annulus access hose.
CMPLT	P	SMRT	0500	0600	1.00	0.0m	Ran in hole with spanner joint and landed in slips on shuttle table. Continued to run in hole completion with 140 mm (5.5"), 34 kg/m (23 ppf) tubing landing string c/w annulus access hose and umbilical from 3780 m to 3793 m. Drifted landing string and installed umbilical/AA-hose clamps.

### Phase Data to 2400hrs, 15 Jul 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
PRODUCTION SECTION(PROD)	26.50	27 Jun 2009	29 Jun 2009	26.50	1.10	0.0m
COMPLETION(CMPLT)	578.50	19 Jun 2009	15 Jul 2009	605.00	25.21	0.0m

### WBM Data

### Cost Today \$ 42

Mud Type:	API FL:	Cl:	25000mg/l	Solids(%vol):	Viscosity
Sample-From:	Filter-Cake:	K+C*1000:		H2O:	PV
Time:	HTHP-FL:	Hard/Ca:		Oil(%):	YP
Weight:	1.03sg	HTHP-cake:		Sand:	Gels 10s
Temp:	7C°	MBT:		pH:	Gels 10m
		PM:		PHPA:	Fann 003
		PF:			Fann 006
Comment	Total cost:\$ 132,908.83 1.14 sg brine - Cl 105,000				Fann 100
					Fann 200
					Fann 300
					Fann 600

### Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite	mt	0	0	0	69.0
Cement	MT	39	0	0	88.0
Fuel	M3	0	10.9	0	549.9
Potable Water	M3	31	26	0	276.0
Drill Water	M3	230	8	0	619.0

### 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		97													
2	NATIONAL	152.40		97													



Pumps													
Pump Data - Last 24 Hrs							Slow Pump Data						
3	12P - 160 NATIONAL 12P - 160	152.40		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
Subsea Supervision	AGR	Anzon Australia 3rd Party	4
OIM	Rod Dotson	Diamond Offshore	1
Mudlogging	BHI	Anzon Australia 3rd Party	2
Drilling Fluids	MI	Anzon Australia 3rd Party	2
Wellhead	Cameron	Anzon Australia 3rd Party	5
ROV	Subsea 7	Anzon Australia 3rd Party	3
Filtration	Scottech	Anzon Australia 3rd Party	2
Cementing	Dowell	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
Completion Supervision	AWT	Anzon Australia 3rd Party	3
TBG	BJ	Anzon Australia 3rd Party	4
E Line	Schlumberger	Anzon Australia 3rd Party	3
Completions	Baker	Anzon Australia 3rd Party	6
S Line	Schlumberger	Anzon Australia 3rd Party	2
<b>Total</b>			<b>98</b>

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		141		
Abandon Drill	05 Jul 2009	10 Days		Full muster at 10:50 hrs
Fire Drill	05 Jul 2009	10 Days		Simulated in roustabout locker. Full muster at 10:42 hrs
First Aid Case	11 Jul 2009	4 Days		IP caught little finger on left hand between shaft of motor and housing of agitator gear box whilst moving motor on pallet in mud pit room. Small laceration was treated with steri strips and dressed. Asprin given for pain.
JSA	15 Jul 2009	0 Days		Drill crew - 10 Crane crew - 16 Mechanic - 0 Welder - 4 Sub Sea - 0 Marine - 0 Pump room - 0 Electrician - 0
Lost Time Incident	15 Jun 2009	30 Days	141 days	LTI = 141 days since start of rig assignment on 25 Feb 2009.
Permit To Work	15 Jul 2009	0 Days		Hot - 4 Cold - 9
Pre-Tour Meetings	15 Jul 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	15 Jul 2009	0 Days		Safe - 64 Unsafe - 17
Weekly Safety Meeting	28 Jun 2009	17 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	1875mt	249.0deg

Shakers, Volumes and Losses Data				Engineer : Graeme Garrick			
Equip.	Descr.	Mesh Size	Available	281.27m <sup>3</sup>	Losses	27.69m <sup>3</sup>	Comments
			Active		Downhole	24.49m <sup>3</sup>	Down hole losses at 6 bbls/hr. Spotted 76 bbls packer fluid in annulus from top packer to gas lift valve. Displace packer fluid with 168 bbls clean brine. Filtered returns.
			Mixing		Surf+ Equip	0.00m <sup>3</sup>	
			Hole		Dumped	3.20m <sup>3</sup>	
			Slug		De-Gasser		
			Reserve	281.27m <sup>3</sup>	De-Sander		
			Kill		De-Silter		
					Centrifuge		

Marine									
Weather on 15 Jul 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	10kn	225.0deg	1013.0mbar	11C°	1m	225.0deg	2s	1	110.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	108.0
0.3deg	0.3deg	0m	2m	225.0deg	11s			3	113.0
Rig Dir.	Ris. Tension	VDL	Comments					4	112.0
249.0deg	179mt	1875mt						5	112.0
								6	108.0
								7	115.0
								8	119.0

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XC	S61	0947 / 1003	14 / 7	

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Lewek Emerald	19:10 hrs, 13-07-09		Stand by at rig	Item	Unit	Quantity
				Fuel	M3	288.4
				Potable Water	M3	215
				Drill Water	M3	0
				Barite	MT	27
				Gel	MT	
				Cement	MT	0
				Brine	M3	246.6
Lewek Swift		17:15 hrs 03-07-09	Off hire. Undergoing HRP repairs.	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
Pacific Protector			In Geelong	Item	Unit	Quantity
				Diesel	M3	199.4
				Potable Water	M3	373
				Drill Water	M3	0
				Gel	MT	60