



16 Jul 2009

DRILLING MORNING REPORT # 28
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	\$ 1893298	
Rig	Ocean Patriot	Days from spud		FIT	Cum Cost	\$ 29520481	
Wtr Dpth(MSL)	152.90m	Days on well	27.60	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	Unlatched BOP from wellhead and preparing to skid off location 14.9 m to port (heavy lift safe area).				
		Planned Op	Skid 14.9 m to port to heavy lift safe area. Lay out landing joint and slip joint. Pull BOP on marine riser. Position subsea tree in moon pool area. Pick up subsea tree running tool and connect to subsea tree. Connect IWOCS umbilical and annulus access hose to running tool and subsea tree. Perform function and pressure tests prior to running subsea tree on landing string.				

Summary of Period 0000 to 2400 Hrs

Made up tubing hanger spanner joint to 476 mm (18.75") tubing hanger and function tested.
 Ran in hole completion with tubing landing string c/w annulus access hose and umbilical from 3780 m to 3939.1 m.
 Landed and locked tubing hanger.
 Pressured up tubing and set completion packers.
 Pressure tested annulus.
 Inflow tested SSSV.
 Set S-line plug in tubing hanger.
 Un-latched tubing hanger running tool and pulled out of hole 140 mm (5.5") tubing riser.

Operations For Period 0000 Hrs to 2400 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	0400	3.50	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	1000	5.00	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 3934 m. Drifted landing string and installed umbilical/AA-hose clamps. String weights at 3909 m were 104 MT (230 klbs) slack off and 143 MT (315 klbs) pick up. Picked up and installed stiff joint c/w wireline side entry sub and cap. Rigged up S-line sheeve on block.
CMPLT	P	SMRT	1000	1130	1.50	0.0m	Continued to rig up S-line sheeve on block. Rigged up 85 MT shackles to drilling bails and rigged up 15 m (50 ft) bails. Picked up stiff joint c/w wireline pump in tee and cap.
CMPLT	P	SMRT	1130	1300	1.50	0.0m	Ran in hole from 3934 m to 3939.1 m and landed 476 mm (18.75") tubing hanger at 174.21 m as to Cameron procedures with 4.5 MT (10 klbs) slack off on hanger. Locked tubing hanger. Applied 9 MT (20 klbs) pick up weight to confirm locked - good. Closed lower annular and pressure tested between annular and tubing hanger to 1.7 MPa (250 psi) low, 5 mins and 20.7 MPa (3000 psi) high, 10 mins - good. Bled off pressure and open annular.
CMPLT	P	SMRT	1300	1630	3.50	0.0m	Functioned the lower bank of HCM-A's from position 13 (both open) to position 14 (both closed). Note: Upper HCM-A's are already in position 14 (all 3 closed).
							Concurrent operation: Rigged up cement line to flow tee and pressure tested line to 3.5 MPa (500 psi) low and 34.5 MPa (5,000 psi) high - good. Slowly pressured up tubing string to set 7 x completion packers with cement unit to 31 MPa (4,500 psi), 0.4 m3 (2.5



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SLIK	1630	1900	2.50	0.0m	bbls) brine for 15 mins - good. Monitored annulus line for leaks - nil. Bled down tubing pressure from 31 MPa (4,500 psi) to 27.6 MPa (4,000 psi). Pressured up annulus with cement unit to 31 MPa (4,500 psi), 1.5 m3 (9.5 bbls) brine for 10 mins - good. Note: Gas lift valve shears at 13.8 MPa (2000 psi) from annulus. Slowly bled annulus off to 0. Slowly bled tubing off to 10.4 MPa (1500 psi). Closed SSSV. Bled tubing pressure above TRSV to 3.5 MPa (500 psi) and monitored inflow for 15 mins - good. Bled off tubing pressure above SSSV to 0 MPa. Note: Tubing pressure below SSSV is still at 10.4 MPa (1500 psi).
CMPLT	P	SMRT	1900	2030	1.50	0.0m	Rigged up S-line. Ran in hole S-line with 102 mm (4") ARH plug and set in tubing hanger at 174 m. POH with ARH plug running tool. Ran in hole with ARH prong on S-line and set inside 102 mm (4") ARH plug at wellhead. POH with ARH prong running tool on S-line. Pressure tested down tubing to top of 102 mm (4") ARH plug and set in tubing hanger to 27.6 MPa (4,000 psi) for 10 mins - good. Rigged down S-line.
CMPLT	P	RSER	2030	2300	2.50	0.0m	Slacked off to 140 MT (310 klbs) and unlatched tubing hanger running tool from tubing hanger. Laid out stiff joint. Rigged down 15 m (50 ft) bails and 85 MT shackles. Rigged down S-line sheeve.
CMPLT	P	RSER	2300	2400	1.00	0.0m	Pulled out of hole tubing hanger running tool on 140 mm (5.5") tubing landing string c/w annulus access hose and umbilical from 174 m to surface. Recovered all umbilical/AA-hose clamps.
CMPLT	P	RSER	2300	2400	1.00	0.0m	Held tubing hanger spanner joint c/w annulus access hose and umbilical in v-door and disconnected umbilical and annulus access hoses. Laid out spanner joint and running tool to deck.

Operations For Period 0000 Hrs to 0600 Hrs on 17 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	P	SMRT	0000	0100	1.00	0.0m	Rigged down and laid out tubing handling equipment. Cleared drill floor of excess equipment in preparation for pulling marine riser.
CMPLT	P	RSER	0100	0230	1.50	0.0m	Changed out drilling bails for 500 MT riser handling bails. Rigged up marine riser handling equipment. Pulled master bushings and outer split bushings. Installed marine riser spider.
CMPLT	P	RSER	0230	0400	1.50	0.0m	De-energized diverter system. Pulled diverter and laid out to deck.
CMPLT	P	RSER	0400	0530	1.50	0.0m	Concurrent operations: Pulled moon pool subsea camera to surface and tied back. Picked up landing joint. Made up landing joint to slip joint and scoped in. Locked slip joint and confirmed with 4.5 MT (10 klbs) over pull.
CMPLT	P	RSER	0530	0600	0.50	0.0m	Unlatched BOP. Pulled BOP above guide posts.

Phase Data to 2400hrs, 16 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)	602.50	19 Jun 2009	16 Jul 2009	629.00	26.21	0.0m

WBM Data Cost Today \$ 0

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°	PM:		pH:	Gels 10m	
		PF:		PHPA:	Fann 003	
Comment	Total cost:\$ 132,908.83 1.14 sg brine - Cl 105,000				Fann 006	
					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	0	0	0	88.0
Fuel	M3	0	9.7	0	540.2
Potable Water	M3	30	24	0	282.0
Drill Water	M3	0	2	0	617.0



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 12P - 160	152.40		97													
3	NATIONAL 12P - 160	152.40		97													

Personnel On Board			
Job Title	Personnel	Company	Pax
Senior Drilling Supervisor	Pat Brown	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	6
Filtration	Scottech	Anzon Australia 3rd Party	2
Cementing	Dowell	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
Completion Supervision	AWT	Anzon Australia 3rd Party	3
TBG	BJ	Anzon Australia 3rd Party	2
E Line	Schlumberger	Anzon Australia 3rd Party	3
Completions	Baker	Anzon Australia 3rd Party	6
S Line	Schlumberger	Anzon Australia 3rd Party	2
Total			98

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		142		
Abandon Drill	05 Jul 2009	11 Days		Full muster at 10:50 hrs
Fire Drill	05 Jul 2009	11 Days		Simulated in roustabout locker. Full muster at 10:42 hrs
First Aid Case	16 Jul 2009	0 Days		IP slipped on pump room floor. IP had right foot on anti-slip flooring and left foot on area with out anti-slip. IF's left foot slipped and felt a pop in behind his upper back leg. IP complained of pain in hamstring area. Treated with cold pack and anti-inflammatories.
JSA	16 Jul 2009	0 Days		Drill crew - 12 Crane crew - 13 Mechanic - 1 Welder - 4 Sub Sea - 0 Marine - 0 Pump room - 0 Electrician - 0
Lost Time Incident	15 Jun 2009	31 Days	142 days	LTI = 142 days since start of rig assignment on 25 Feb 2009.
Permit To Work	16 Jul 2009	0 Days		Hot - 4 Cold - 4
Pre-Tour Meetings	16 Jul 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	16 Jul 2009	0 Days		Safe - 38 Unsafe - 15
Weekly Safety Meeting	28 Jun 2009	18 Days		13:00 hrs



HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
				19:00 hrs 00:30 hrs

Rig Data				
Company Name	Rig Name	Max Deck Load	VDL @ Midnight	Rig Heading
Diamond Offshore	Ocean Patriot	mt	1895mt	249.0deg

Shakers, Volumes and Losses Data				Engineer : Graeme Garrick			
Equip.	Descr.	Mesh Size	Available	256.15m ³	Losses	25.12m ³	Comments
			Active		Downhole	12.40m ³	Rigged down filtration units. Cement unit taking 20 bbls periodically for pressure testing purposes. Backloaded completion chemicals on Emerald.
			Mixing		Surf+ Equip	0.00m ³	
			Hole		Dumped	12.72m ³	
			Slug		De-Gasser		
			Reserve	256.15m ³	De-Sander		
			Kill		De-Silter		
					Centrifuge		

Marine									
Weather on 16 Jul 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	26kn	190.0deg	1012.0mbar	11C°	3m	190.0deg	3s	1	108.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	106.0
0.6deg	0.4deg	1m	2m	225.0deg	11s			3	111.0
Rig Dir.	Ris. Tension	VDL	Comments				4	108.0	
249.0deg	163mt	1895mt					5	112.0	
							6	109.0	
							7	117.0	
							8	121.0	

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XC	S61	0953 / 1008	13 / 16	
XC	S61	1219 / 1227	3 / 3	

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	280.4
				Potable Water	M3	210
				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