24 Jun 2009

DRILLING MORNING REPORT # 6
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.	N/A - Ocean Patriot	Progress	0.0m	Shoe TVD		Daily Cost	$ 879798
Rig	Ocean Patriot	Days from spud		FIT		Cum Cost	$ 5577450
Wtr Dpth(MSL)	152.90m	Days on well	5.60	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	Crystal Ocean bleeding off annulus pressure				
		Planned Op	Crystal Ocean to complete bleeding off annulus pressure. Slick line to run in hole with Xlock/no seals and set same. Spot Calicum Carbonate pill at perfs. Slick line to run hole and set Simlock at 400 m Slick line run crown plug. Pull SST.				

Summary of Period 0000 to 2400 Hrs

Pulled out of hole with SSD shifting tool. Inspected and calipered SSD shifting tool. No obvious defects, tool fully functional. Ran in hole with SSD shifting tool string to SSD at 3507 m. Attempted to open SSD. Pulled out of hole with SSD shifting tool to SSSV. Stuck SSD shifting tool string at SSSV, Bullheaded down tubing, free SSD shifting tool string, pulled SSD shifting tool string to surface. Inspected shifting tool string, found pin sheared SSD failed to open. Observed stabilizer roller and pin missing off SSD shifting tool assembly. Cut off 76.2 m slick line and re-terminated same. Installed SSD shifting tool in lubricator. Bullheaded down tubing with 1.08 sg filtered brine, THP zero MPa. Ran in hole with SSD shifting tool string to SSD at 3507 m. Attempted to open SSD. Pulled out of hole with SSD shifting tool string. Inspected shifting tool, pin sheared SSD failed to open. Commenced bleeding off annulus pressure via Crystal Ocean.

Operations For Period 0000 Hrs to 2400 Hrs on 24 Jun 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	TP	SLIK	0000	0030	0.50	0.0m	Pulled out of hole with SSD shifting tool on slick line. Concurrent operations: Prepared well kill procedures using FPSO to bleed off annulus pressure. ROV installing well service line on SST.
PROD	TP	SLIK	0030	0100	0.50	0.0m	Closed PSV, bled off pressure via well test choke manifold. Closed WOV. Concurrent operations: Prepared well kill procedures using FPSO to bleed off annulus pressure. ROV installing well service line on SST.
PROD	TP	SLIK	0100	0200	1.00	0.0m	Broke out in-situ sub connection on lubricator. Lowered SSD shifting tool string to drill floor. Inspected and calipered shifting tool, tool appeared fully functional with no obvious defects. Installed SSD shifting tool in lubricator. Made up in-situ sub connection on lubricator and tested same to 27.58 MPa (4000 psi), good test. Opened tubing lo torq valve and WOV. Applied 8.96 MPa (1300 psi) on PSV, opened PSV. Concurrent operation: Prepared well kill procedures using FPSO to bleed off annulus pressure. ROV completed re-installation of well service line on SST 01:22 hrs and prepared for WSL test.
PROD	P	SLIK	0200	0330	1.50	0.0m	Ran in hole with SSD shifting tool on slick line to SSD at 3507 m. Opened SSD, jarred down 9 times and passed through 3 times. Note: Observed slight weight loss passing through SSSV at 234 m. Concurrent operations: Prepared well kill procedures using FPSO to bleed off annulus pressure. Prepared for WSL test. At 03:00 hrs isolated THP at 8.96 MPa (1300 psi) and bled down surface lines via well test choke manifold.
PROD	TP	SLIK	0330	0500	1.50	0.0m	Pulled out of hole with SSD shifting tool on slick line, stopped at 231 m. Concurrent operations: Prepared well kill procedures using FPSO to bleed off annulus pressure. Commenced well service line test at 03:36 hrs.
PROD	TP	SLIK	0500	0830	3.50	0.0m	Attempted to get movement on slick line, unsuccessful. Rigged up gauge on lubricator to get THP reading. Troubleshoot problem.

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Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							Concurrent operations: Prepared well kill procedures using FPSO to bleed off annulus pressure. Completed well service line test as per procedure 3.45/27.58 MPa (500/4000 psi) for 5/10 mins, good test.
PROD	TP	SLIK	0830	0900	0.50	0.0m	Applied 9.65 MPa (1400 psi) with rig pump on tubing lo torq valve, equalized pressure and opened lo torq valve. THP at 8.96 MPa (1300 psi). Attempted to bullhead with 3.66 m3 (23 bbls) of 1.08 sg filtered brine down tubing with rig pump at 317.5 lts/mins (2 bbl/min) to free SSD shifting tool, unsuccessful. THP 8.27 MPa (1200 psi).
PROD	TP	SLIK	0900	1000	1.00	0.0m	Continued to bullhead with 19.24 m3 (121 bbls) of 1.08 sg and 7.15 m3 of 1.03 sg (45 bbls) filtered brine down tubing with rig pump at 317.5 to 1905 lts/min (2 to 12 bbls/min). THP went from 8.27 MPa to 1.38 MPa (1200 psi to 200 psi). SSD shifting tool free, slacked off slick line to 239 m. Pulled out of hole with SSD shifting tool string.
PROD	TP	SLIK	1000	1100	1.00	0.0m	Closed PSV, bled of pressure via well test choke manifold. Closed WOV, broke out lubricator in-situ sub connection. Lowered SSD shifting tool to drill floor, inspected and calipered shifting tool, observed SSD shifting tool pin sheared indicating SSD still in closed position and stabilizer roller and pin missing from tool string. Cut off 76.2 m (250 ft) of slick line and reterminated same.
PROD	TP	SLIK	1100	1130	0.50	0.0m	Installed SSD shifting tool into lubricator, made up in-situ sub connection on lubricator and tested same to 27.58 MPa (4000 psi), good test. Opened tubing lo torq valve and WOV. Applied 3.45 MPa (500 psi) on PSV with rig pump, opened PSV. THP at 2.07 MPa (300 psi).
PROD	TP	SLIK	1130	1200	0.50	0.0m	Bullheaded 29.57 m3 (186 bbls) of 1.08 sg filtered brine using rig pump at 3.02 m3/min (19 bbls/min) with 16.75 MPa (2430 psi). Stopped bullheading THP at zero pressure.
PROD	TP	SLIK	1200	1400	2.00	0.0m	Ran in hole with SSD shifting tool string on slick line. Attempted to shift SSD to open jarred down 4 times and passed through SSD. Concurrent operations: Applied 17.24 MPa (2500 psi) on AMV. Closed AA line, bled down pressure and lined up on tubing, THP at zero pressure. Opened AMV, annulus pressure at 14.48 MPa (2100 psi)
PROD	TP	SLIK	1400	1530	1.50	0.0m	Pulled out of hole with SSD shifting tool string on slick line. Closed PSV and WOV, opened needle valve on lubricator. Broke out in-situ sub connection on lubricator, lowered SSD shifting tool to drill floor. Inspected SSD shifting tool string and confirmed pin sheared, SSD still in the closed position. Installed slick line tool string in lubricator without SSD shifting tool. Made up in-situ sub connection on lubricator and pressure tested same to 27.58 MPa (4000 psi), good test. Opened PSV and WOV, THP at zero pressure.
PROD	TP	KILL	1530	1730	2.00	0.0m	Established communication with Crystal Ocean. ROV opened GLV B3 A & B valves. Note: Valve indicator on B3 A broken. Concurrent operations: Opened AMV. Pumped 0.79 m3 (5 bbl) of 1.08 filtered brine down tubing.
PROD	TP	KILL	1730	2100	3.50	0.0m	Commenced bleed down of annulus pressure to Crystal Ocean from 14.48 MPa to 12.06 MPa (2100 psi to 1750 psi) as per procedure. Concurrent operations: Pumped 3.18 m3 (20 bbls) of 1.08 sg filtered brine down tubing at 317.5 lts/min (2 bbl/min), reduced THP to 0.21 MPa (30 psi). Monitored THP, pumped 0.32 m3 (2bbls) every 10 mins
PROD	TP	KILL	2100	2200	1.00	0.0m	Crystal Ocean shut in at AWV with annulus pressure at 12.06 MPa (1750 psi) and 2.41 MPa (350 psi) bled off annulus. Observed surface leak on slick line lubricator section connection. Closed WOV and lo torq valve. Broke out in-situ sub connection on lubricator. Made up new in-situ sub top section connection c/w test cap and needle valve. Attempted to pressure test in-situ sub connection, observed leak on hammer union connection on coflexip hose. Bled off pressure and tightened hammer union connection. Pressure tested in-situ sub connection against test cap to 27.58 MPa (4000 psi), good test.
PROD	TP	KILL	2200	2230	0.50	0.0m	Pressured up against AA line lo torq valve to 12.06 MPa (1750 psi), using rig pump. Opened AA line lo torq valve and pumped 7.95 m3 (50 bbls) of 1.03 sg down annulus at 412.8 lts/min (2.6 bbls/min) with 17.24 MPa (2500 psi). Annulus pressure at 10.34 MPa (1500 psi). Closed AA line lo torq valve, bled down pressure.
PROD	TP	KILL	2230	2400	1.50	0.0m	Opened AWV, continued to bleed annulus pressure down to Crystal Ocean, bled annulus pressure to 8.27 Mpa (1200 psi). Concurrent operations: Pumped 4.77 m3 (30 bbls) of 1.03 sg filtered brine down tubing at 317.5 lts/min (2 bbls/min), reduced THP to 0.21 MPa (30 psi). Monitored THP, pumped 0.32 m3 (2bbls) every 10 mins.

Operations For Period 0000 Hrs to 0600 Hrs on 25 Jun 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PROD	TP	KILL	0000	0030	0.50	0.0m	Crystal Ocean shut in at AWV. Annulus pressure at 8.27 MPa (1200 psi). Pressured up against AA line lo torq valve to 8.27 MPa (1200 psi), using rig pump. Opened AA line lo torq valve and pumped 12.72 m3 (80 bbls) of 1.03 sg filtered brine down annulus at

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
							317.5 lts/min (2 bbls/min). Annulus pressure at 7.24 MPa (1050 psi). Closed AA line lo torq valve, bled down pressure.
PROD	TP	KILL	0030	0330	3.00	0.0m	Opened AWV, continued to bleed annulus pressure to Crystal Ocean, annulus pressure bled down to 4.14 MPa (600 psi). Concurrent operations: THP at 1.1 MPa (160 psi), pumped 6.36 m3 (40 bbls) of 1.03 sg filtered brine down tubing at 317.5 lts/min (2 bbls/min), reduced THP to 0.28 MPa (40 psi). Monitored THP, pumped 0.32 m3 (2 bbls) every 10 mins.
PROD	TP	KILL	0330	0430	1.00	0.0m	Crystal Ocean shut in at AWV. Annulus pressure at 4.14 MPa (600 psi). Pressured up against AA line lo torq valve to 4,14 MPa (600 psi), using rig pump. Opened AA line lo torq valve and pumped 11.45 m3 (72 bbls) of 1.03 sg filtered brine down annulus at 317.5 lts/min (2 bbls/min). Annulus pressure at 300 psi. Closed AA line lo torq valve, bled down pressure.
PROD	TP	KILL	0430	0600	1.50	0.0m	Opened AWV, Continued to bleed annulus pressure to Crystal Ocean, annulus pressure bled down to 0.28 MPa (40 psi). Concurrent operations: THP at 1.1 MPa (160 psi), pumped 6.36 m3 (20 bbls) of 1.03 sg filtered brine down tubing at 317.5 lts/min (2 bbls/min), reduced THP to 0.34 MPa (50 psi). Monitored THP, pumped 0.32 m3 (2 bbls) every 10 mins.

Phase Data to 2400hrs, 24 Jun 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
PRODUCTION SECTION(PROD)	134.50	19 Jun 2009	24 Jun 2009	134.50	5.60	0.0m

WBM Data

Cost Today $ 101

Mud Type:		API FL:		Cl:	25000mg/l	Solids(%vol):	
Sample-From:		Filter-Cake:		K+C*1000:		H2O:	
Time:		HTHP-FL:		Hard/Ca:		Oil(%):	
Weight:	1.03sg	HTHP-cake:		MBT:		Sand:	
Temp:	7C°			PM:		pH:	
				PF:		PHPA:	

Viscosity	
PV	
YP	
Gels 10s	
Gels 10m	
Fann 003	
Fann 006	
Fann 100	
Fann 200	
Fann 300	
Fann 600	

Comment: Total cost:$ 10324.81

1.08 sg brine - Cl 62000

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Fuel	M3	0	8.7	0	442.8
Potable Water	M3	31	20	0	327.0
Drill Water	M3	0	36	0	355.0

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	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	Shaun Hingerty	Anzon Australia Pty Limited	1
Subsea Supervision	AGR	Anzon Australia 3rd Party	5
OIM	Dennis Gore	Diamond Offshore	1
Slick Line	Schlumberger	Anzon Australia 3rd Party	4
Mudlogging	BHI	Anzon Australia 3rd Party	2

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Personnel On Board

Drilling Fluids	MI	Anzon Australia 3rd Party	1
Wellhead	Cameron	Anzon Australia 3rd Party	5
ROV	Subsea 7	Anzon Australia 3rd Party	6
Well test	Schlumberger	Anzon Australia 3rd Party	4
Filtration	Scottech	Anzon Australia 3rd Party	2
Cementing	Dowell	Anzon Australia 3rd Party	1
Surveying	Neptune Marine	Anzon Australia 3rd Party	1
Rig Crew	Drilling	Diamond Offshore 3rd Party	46
Other		Diamond Offshore 3rd Party	3
Catering	ESS	Diamond Offshore 3rd Party	8
Completion Supervision	AWT	Anzon Australia 3rd Party	2
TBG	BJ	Anzon Australia 3rd Party	1
		Total	96

HSE Summary

Events	Date of last	Days Since	Descr.	Remarks
LTI		120		
Abandon Drill	21 Jun 2009	3 Days		Full muster at 11:00 hrs
Fire Drill	21 Jun 2009	3 Days		Simulated in well test area. Full muster at 10:53 hrs
First Aid Case	15 Jun 2009	9 Days		IP came out of freezer and reached to shut door as another person opened the outside accommodation door catching the IP right hand between two doors. Minor first aid.
JSA	24 Jun 2009	0 Days		Drill crew - 11 Crane crew - 13 Mechanic - 0 Welder - 0 Sub Sea - 3 Marine - 0 Pump room - 1 Electrician - 0
Lost Time Incident	15 Jun 2009	9 Days	120 days	LTI = 120 days since start of rig assignment on 25 Feb 2009.
Permit To Work	24 Jun 2009	0 Days		Hot - 2 Cold - 7
Pre-Tour Meetings	24 Jun 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	24 Jun 2009	0 Days		Safe - 66 Unsafe - 26
Weekly Safety Meeting	21 Jun 2009	3 Days		13:00 hrs 19:00 hrs 00:30 hrs

Shakers, Volumes and Losses Data

Engineer : Manfred Olejniczak

Equip.	Descr.	Mesh Size

Available	**214.63m³**	**Losses**	**107.47m³**	Comments
Active		Downhole	107.47m³	Filtered brine
Mixing		Surf+ Equip	0.00m³	
Hole		Dumped		
Slug		De-Gasser		
Reserve	214.63m³	De-Sander		
Kill		De-Silter		
		Centrifuge		

Marine

Weather on 24 Jun 2009

Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period
10nm	16kn	250.0deg	1012.0mbar	17C°	1m	250.0deg	3s

Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments
0.3deg	0.3deg	0m	2m	90.0deg	10s	

Rig Dir.	Ris. Tension	VDL	Comments
249.0deg		1974mt	

Helicopter Movement

Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XC	S61	12:05 / 12:40	5 / 4	Crew change.

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Lewek Emerald	23:40 hrs 20-06-09		On location.	

Item	Unit	Quantity
Fuel	M3	512.1
Potable Water	M3	205
Drill Water	M3	277
Barite	MT	
Gel	MT	
Cement	MT	
Brine	M3	218.08

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Lewek Swift			At Geelong	

Item	Unit	Quantity
Fuel	M3	356.1
Potable Water	M3	339
Drill Water	M3	
Barite	MT	
Gel	MT	
Cement	MT	
Brine	M3	157.07

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Pacific Protector	17:30 hrs 23-6-09		On location	

Item	Unit	Quantity
Fuel	M3	274.6
Potable Water	M3	372
Drill Water	M3	129

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks
Yarabah		17:45 hrs 23-6-09	On route to Rig	

Item	Unit	Quantity
Fuel	M3	137
Potable Water	M3	416