



07 Jul 2009

DRILLING MORNING REPORT # 19
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	\$ 1013945	
Rig	Ocean Patriot	Days from spud		FIT	Cum Cost	\$ 17879073	
Wtr Dpth(MSL)	152.90m	Days on well	18.60	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	Laying out bumper sub and overshot.				
		Planned Op	Inspect overshot and if required, revise fishing BHA design. Run in hole fishing BHA and retrieve fish at 3605 m. Rig up E line and perform GR/USIT logging run. Continue with E line to re-perforate well.				

Summary of Period 0000 to 2400 Hrs

Ran in hole fishing BHA to 3520.65 m.
 Performed fishing operation on 178 mm (7") production packer and lower completion at 3520.65 m drill pipe depth.
 Pulled out of hole with fishing BHA. Overshot grapple had failed to hold fish.
 Rigged up and ran in hole with GR/CCL tool string on E line. Tool string hung up on fish at 3607 m.
 Pulled out of hole with E line.
 Ran in hole fishing BHA to 3605 m.
 Performed fishing operation on 178 mm (7") production packer and lower completion at 3605 m drill pipe depth.

Operations For Period 0000 Hrs to 2400 Hrs on 07 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	TP	FISH	0000	0300	3.00	0.0m	Ran in hole fishing BHA on 127 mm (5") drill pipe from 1963 m to 3510 m. Compensated through 244 mm (9.625") x 178 mm (7") liner lap at 3425 m - passed without hang-up. Laid out 1 x joint of drill pipe to space out for tagging fish.
CMPLT	TP	FISH	0300	0430	1.50	0.0m	Took string weights - 136 MT (300 klbs) rotating string weight, 154 MT (340 klbs) up weight, 122 MT (270 klbs) down weight. Pumped at 0.65 m3/min (4 bpm), 2.1 MPa (300 psi), slowly rotated at 10 rpm with 12 kNm (9 kft/lbs) torque and lowered string to engage top of fish at 3520.65 m drill pipe depth measurement. Pressure increased to 5.2 MPa (750 psi), stopped rotation. Attempted to bump down on fish with bumper sub between 154 MT (340 klbs) and 91 MT (200 klbs) for 25 mins, pressure constant at 5.2 MPa (750 psi) - no success. Worked string between 181 MT (400 klbs) and 91 MT (200 klbs) jarring twice before pressure dropped to 2.1 MPa (300 psi). Appeared overshot released or packer released. Worked string twice between 159 MT (350 klbs) and 91 MT (200 klbs) - pressure was 7.6 MPa (1100 psi) on slack off and 2.8 MPa (400 psi) on pick up. Picked up to 159 MT (350 klbs) and then slacked off with 108 MT (240 klbs) where string freed to 3528 m before packer trying to set. Picked up string to 3524 m where string hung up. Attempted to pull string jarring up twice with 181 MT (400 klbs) before string released. Slacked off string to 3532 m without hanging up. Picked string up to 3511 m without hanging up. Slacked off string to 3536 m without hanging up. Whilst picking up string pressure dropped at 0.65 m3/min (4 bpm) from 6.2 MPa (900 psi) to 3.5 MPa (500 psi) at 3520 m. Slacked off string to 3529 m without hanging up with pressure constant at 3.5 MPa (500 psi). Picked string up to 3509 m without hanging up and made connection.
CMPLT	TP	FISH	0430	0530	1.00	0.0m	Pulled out of hole with fishing BHA, 178 mm (7") production packer and lower completion on 127 mm (5") drill pipe from 3509 m to 3374 m. Whilst picking up string to liner lap pumped at 0.65 m3/min (4 bpm), 2.1 MPa (300 psi). Observed no pressure fluctuation. Note: 244 mm (9.625") x 178 mm (7") liner lap at 3425 m. Observed no excess drag or swabbing. Flow checked hole - observed 2 m3/hr (12 bbl/hr) down hole loss rate.
CMPLT	TP	FISH	0530	0930	4.00	0.0m	Continued to pull out of hole with fishing BHA, 178 mm (7") production packer and lower completion on 127 mm (5") drill pipe from 3374 m to surface. Flow checked hole at 695 m - observed 1 m3/hr (6 bbl/hr) down hole loss rate.
CMPLT	TP	FISH	0930	1100	1.50	0.0m	Continued to pull out of hole with fishing BHA, 178 mm (7") production packer and lower completion on 89 mm (3.5") drill pipe from 697.15 m to 64.16 m.
CMPLT	TP	FISH	1100	1200	1.00	0.0m	Pulled out of hole with fishing BHA, 178 mm (7") production packer and lower completion from 64.16 m to surface. Overshot grapple had failed to hold 178 mm (7") production packer and lower completion fish. Spiral grapple was missing from inside overshot and still in hole. Laid out bumper sub and overshot.
CMPLT	TP	COPS	1200	1230	0.50	0.0m	Rigged up E line and GR/CCL tool string.



Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	TP	COPS	1230	1330	1.00	0.0m	Ran in hole with GR/CCL tool string on E line. Correlated against pip tag at 3497 m. Whilst continuing to run in hole tools tagged top of fish at 3607 m (wireline depth).
CMPLT	TP	COPS	1330	1430	1.00	0.0m	Pulled out of hole GR/CCL tool string on E line from 3607 m to surface.
CMPLT	TP	COPS	1430	1500	0.50	0.0m	Rigged down GR/CCL tool string and E line.
CMPLT	TP	FISH	1500	1530	0.50	0.0m	Picked up bumper sub and 146 mm (5.75") SH 150 overshot, c/w 114 mm (4.5") basket grapple and ran in hole with fishing BHA to 65.17 m. Fishing BHA consisted of 146 mm (5.75") SH 150 overshot, c/w 114 mm (4.5") basket grapple with mill control, 121 mm (4.75") bumper sub, 121 mm (4.75") TM fishing jar, 6 x 121 mm (4.75") drill collars and 121 mm (4.75") accelerator.
CMPLT	TP	FISH	1530	1700	1.50	0.0m	Ran in hole fishing BHA on 89 mm (3.5") drill pipe from 65.17 m to 698.16 m.
CMPLT	TP	FISH	1700	2100	4.00	0.0m	Ran in hole fishing BHA on 127 mm (5") drill pipe from 698.16 m to 3597 m. Compensated through 244 mm (9.625") x 178 mm (7") liner lap at 3425 m - passed without hang-up. Laid out 1 x joint of drill pipe to space out for tagging fish.
CMPLT	TP	FISH	2100	2400	3.00	0.0m	<p>Took string weights - 136 MT (300 klbs) rotating string weight, 159 MT (350 klbs) up weight, 125 MT (275 klbs) down weight. Pumped at 0.65 m³/min (4 bpm), 2.1 MPa (300 psi), slowly rotated at 10 rpm with 10 kNm (7 kft/lbs) torque and lowered string from 3597 m to engage top of fish at 3605 m drill pipe depth measurement. Pressure increased to 3.5 MPa (500 psi), stopped rotation. Continued to slack off 9 MT (20 klbs) weight on fish, pressure increased to 6.9 MPa (1000 psi). Picked string up to 159 MT (350 klbs) and pressure dropped off to 2.1 MPa (300 psi) once above top of fish indicating off fish.</p> <p>Slacked off to top of fish and rotated string at 15 rpm with mill control at top of fish. Continued to slack off 11 MT (25 klbs) weight on fish to 3606 m hang up depth which appeared to be 1 m lower. Picked up string and observed 9 MT (20 klbs) overpull and pressure still at (1100 psi). Slacked string off again 11 MT (25 klbs) weight on fish to 3607 m hang up depth (overshot has 1.4 m swallow). Picked up string 10 m to 3597 m with 150 MT (330 klbs) string weight (observed no overpull) and pressure at 4.8 MPa (700 psi). Once at 3597 m pressure dropped to 2.1 MPa (300 psi) indicating fish not engaged.</p> <p>Slacked off to top of fish with 11 MT (25 klbs) weight on fish at 3607 m. Pressure increased to 4.8 MPa (700 psi) at 3605 m. Picked string up to 159 MT (350 klbs) and pressure dropped off to 2.1 MPa (300 psi) once above top of fish indicating fish not engaged. Repeated operation without success.</p> <p>Worked bumper sub (8 times) without pump with string weights 163 MT (360 klbs) up and 113 MT (250 klbs) down. Slacked off to top of fish with 11 MT (25 klbs) weight on fish to 3607 m. Pumped at 0.65 m³/min (4 bpm), 4.8 MPa (700 psi). Picked up string to 195 MT (430 klbs) string weight and pressure at 4.1 MPa (600 psi) indicating fish engaged. Slacked off to cock jar and picked up to 168 MT (370 klbs) and activated jar. Pressure dropped to 2.1 MPa (300 psi) indicating fish not engaged. Re-cocked jar and picked up to 181 MT (400 klbs) and activated jar. Pressure dropped to 2.1 MPa (300 psi) indicating off fish. Re-cocked jar and picked up to 168 MT (370 klbs) and activated jar. Pressure dropped to 2.1 MPa (300 psi) indicating fish not engaged.</p> <p>Slacked off to top of fish and rotated string at 15 rpm with mill control at top of fish. Slacked off to top of fish with 11 MT (25 klbs) weight on fish to 3607 m. Pressure increased to 4.8 MPa (700 psi) at 3605 m. Picked up string to 159 MT (350 klbs) and pressure dropped to 2.1 MPa (300 psi) once above top of fish indicating fish not engaged. Continued to performed operation without success indicating that basket grapple was failing to sufficiently engage fish.</p>

Operations For Period 0000 Hrs to 0600 Hrs on 08 Jul 2009

Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
CMPLT	TP	FISH	0000	0430	4.50	0.0m	Pulled out of hole fishing BHA on 127 mm (5") drill pipe from 3597 m to 698.16 m. Flow checked hole at 698 m - observed 1 m ³ /hr (6 bbl/hr) down hole loss rate.
CMPLT	TP	FISH	0430	0530	1.00	0.0m	Continued to pull out of hole fishing BHA on 89 mm (3.5") drill pipe to 65.16 m.
CMPLT	TP	FISH	0530	0600	0.50	0.0m	Pulled out of hole fishing BHA from 65.16 m to surface. Laid out bumper sub and overshot.

Phase Data to 2400hrs, 07 Jul 2009

Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
PRODUCTION SECTION(PROD)	209.00	19 Jun 2009	29 Jun 2009	209.00	8.71	0.0m
COMPLETION(CMPLT)	204.00	27 Jun 2009	07 Jul 2009	413.00	17.21	0.0m



WBM Data		Cost Today \$ 202			
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:	MBT:	Sand:	Gels 10s	
Temp: 7C°		PM:	pH:	Gels 10m	
		PF:	PHPA:	Fann 003	
Comment	Total cost:\$ 82,379.40 1.14 sg brine - CI 105,000			Fann 006	
				Fann 100	
				Fann 200	
				Fann 300	
				Fann 600	

Bulk Stocks						
Name	Unit	In	Used	Adjust	Balance	
Fuel	M3	0	8.8	0	487.0	
Potable Water	M3	0	23	0	327.0	
Drill Water	M3	296	212	0	529.0	
Cement	MT	49	0	0	49.0	

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	Ivan Parkhurst	Anzon Australia Pty Limited	1
Drilling Supervisor	Philip Burr	Anzon Australia Pty Limited	1
Logistics Coordinator	Lindsay Taylor	Anzon Australia Pty Limited	1
HSE	Gordon Drew	Anzon Australia Pty Limited	1
Subsea Supervision	AGR	Anzon Australia 3rd Party	1
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	2
ROV	Subsea 7	Anzon Australia 3rd Party	3
Filtration	Scotttech	Anzon Australia 3rd Party	2
Cementing	Dowell	Anzon Australia 3rd Party	2
Fishing	Smith	Anzon Australia 3rd Party	1
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	6
Completions	Baker	Anzon Australia 3rd Party	4
Well Clean-up	Baker	Anzon Australia 3rd Party	1
Total			93

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
LTI		133		
Abandon Drill	05 Jul 2009	2 Days		Full muster at 10:50 hrs
Fire Drill	05 Jul 2009	2 Days		Simulated in roustabout locker. Full muster at 10:42 hrs
First Aid Case	15 Jun 2009	22 Days		IP came out of freezer and reached to shut door as



HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
JSA	07 Jul 2009	0 Days		another person opened the outside accommodation door catching the IP right hand between two doors. Minor first aid. Drill crew - 10 Crane crew - 14 Mechanic - 1 Welder - 4 Sub Sea - 0 Marine - 0 Pump room - 0 Electrician - 0
Lost Time Incident	15 Jun 2009	22 Days	133 days	LTI = 133 days since start of rig assignment on 25 Feb 2009.
Permit To Work	07 Jul 2009	0 Days		Hot - 6 Cold - 6
Pre-Tour Meetings	07 Jul 2009	0 Days		0545 hrs 1145 hrs 1745 hrs 2345 hrs
STOP Card	07 Jul 2009	0 Days		Safe - 72 Unsafe - 27
Weekly Safety Meeting	28 Jun 2009	9 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	1913mt	249.0deg

Shakers, Volumes and Losses Data						Engineer : Graeme Garrick	
Equip.	Descr.	Mesh Size	Available	400.52m ³	Losses	59.15m ³	Comments
			Active		Downhole	23.06m ³	Cleaned out pit #4 and mixed full pit of 8.6 ppg brine and filtered. Dumped 227 bbls dirty brine returns. Downhole losses at approximately 0.8 M3/hr (5 bbls/hr). Continued to filter all 8.6 ppg brine in pits.
			Mixing		Surf+ Equip	0.00m ³	
			Hole		Dumped	36.09m ³	
			Slug		De-Gasser		
			Reserve	400.52m ³	De-Sander		
			Kill		De-Silter Centrifuge		

Marine									
Weather on 07 Jul 2009							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (mt)
10nm	7kn	235.0deg	1027.0mbar	12C°	1m	235.0deg	2s	1	102.0
Roll	Pitch	Heave	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	108.0
0.5deg	0.3deg	0m	1m	225.0deg	11s			3	110.0
Rig Dir.	Ris. Tension	VDL	Comments					4	110.0
249.0deg	163mt	1913mt						5	116.0
								6	114.0
								7	112.0
								8	118.0

Helicopter Movement				
Flight #	Helicopter Type	Arr/Dep. Time	Pax In/Out	Comment
XC	S61	0942 / 0958	11 / 8	
XC	S61	1111 / 1115	0 / 0	Freight: Smith SH 5 3/4" overshot.

Boats	Arrived (date/time)	Departed (date/time)	Status	Bulks		
Lewek Emerald	07:55 hrs, 06-07-09		On standby at location	Item	Unit	Quantity
				Fuel	M3	537



				Item	Unit	Quantity
				Potable Water	M3	228
Drill Water	M3	0				
Barite	MT					
Gel	MT					
Cement	MT	0				
Brine	M3	214.4				
Lewek Swift		17:15 hrs 03-07-09	Off hire in Eden. Damage assessment ongoing.	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		15:40 hrs, 07-07-09	Enroute to Geelong	Item	Unit	Quantity
				Diesel	M3	510
				Potable Water	M3	314