

DRILLING MORNING REPORT # 43
Longtom-3 H

21 Aug 2006

From: John Wrenn/Webby
To: John Ah-Cann

Well Data							
Country	Australia	MDBRT	4080.0m	Cur. Hole Size	9.500in	AFE Cost	\$40,292,054
Field	Gippsland Basin	TVDBRT	2518.8m	Last Casing OD	10.750in	AFE No.	LSDED01/0
Drill Co.	DOGC	Progress	0.0m	Shoe TVDBRT	2184.3m	Daily Cost	\$0
Rig	OCEAN PATRIOT	Days from spud	41.37	Shoe MDBRT	2374.3m	Cum Cost	\$35,017,207
Wtr Dpth (LAT)	56.7m	Days on well	43.00	FIT/LOT:	15.00ppg /	Days Since Last LTI	76
RT-ASL (LAT)	21.5m	Planned TD MD	5834.0m				
RT-ML	78.2m	Planned TD TVDRT	2458.0m				
Current Op @ 0600		Handling BHA.					
Planned Op		Trip in hole to 4080m MDRT. Drill ahead 9 1/2" hole to section TD.					

Summary of Period 0000 to 2400 Hrs
Complete trip out of hole. Make up new BHA consisting of new Bit/ Xceed/ Telescope/ Jars. Remove excess HWDP. Run in hole and shallow test MWD/ Xceed. Test BOP's on blue pod, function test BOP's on yellow pod from Koomey panel.

FORMATION	
Name	Top
300 sand	
200 sand	
100 sand	
Emperor Volcanics	
TD	

Operations For Period 0000 Hrs to 2400 Hrs on 21 Aug 2006							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	TP (DTF)	CHC	0000	0030	0.50	4080.0m	Continued to circulate bottoms up at 3452m MDRT.
PH	TP (DTF)	TO	0030	1000	9.50	4080.0m	Pulled out of hole from 3452m MDRT to 210m MDRT. Flow checked and slugged pipe at 3165m MDRT
PH	TP (DTF)	TO	1000	1330	3.50	4080.0m	Rack HWDP in derrick and lay out Jars, Anadril Xceed/ Ecoscope/ Telescope. Down load Eco-scope on deck. Bit graded 1-4-WT-T-X-I-No-DTF.
PH	P	RS	1330	1400	0.50	4080.0m	Service Top drive and travelling blocks.
PH	TP (DTF)	HBHA	1400	1730	3.50	4080.0m	Pick up 9 1/2" BHA. New bit/ telescope/ Xceed. Shallow test MWD, ok.
PH	P	BOP	1730	1830	1.00	4080.0m	Run 6 1/2" dc's and HWDP for weight assist BOP test tool. Make up BOP test tool in string and run in hole.
PH	P	BOP	1830	2400	5.50	4080.0m	Land BOP test tool and commence testing of BOP's on blue pod. 250/5000psi, 5/5mins rams, failsafes, 250/5000psi 5/5mins Annulars. Function test BOP's from koomey on yellow pod.

Operations For Period 0000 Hrs to 0600 Hrs on 22 Aug 2006							
Phse	Cls (RC)	Op	From	To	Hrs	Depth	Activity Description
PH	P	BOP	0000	0200	2.00	4080.0m	Pull out of hole with BOP test plug and excess BHA required for weight set test tool. Rack in derrick.
PH	P	BOP	0200	0500	3.00	4080.0m	Rig up and test 1 x TIW stab in valve, 1 x IBOP, 1 x TDS hose against standpipe isolation valve. 250/5000psi, 5/5mins. Dowell had problems pumping thick mud (20mins), change out cold mud in tanks for fresh SBM.
PH	P	HBHA	0500	0600	1.00	4080.0m	Load source in LWD. Run in hole, change out 2 x HWDP due to worn tool joints.

Phase Data to 2400hrs, 21 Aug 2006						
Phase	Phase Hrs	Start On	Finish On	Cum Hrs	Cum Days	Max Depth
PRODUCTION HOLE (1)(PH)	240	12 Aug 2006	21 Aug 2006	240.00	10.000	4080.0m

WBM Data				Cost Today \$ 723				
Mud Type:	Petrofree	API FL:	Cl:	Solids(%vol):	16%	Viscosity	110sec/qt	
Sample-From:	Active pit	Filter-Cake:	K+C*1000:	H2O:	16%	PV	44cp	
Time:	21:15	HTHP-FL:	3.2cc/30min	Hard/Ca:		YP	20lb/100ft ²	
Weight:		HTHP-cake:	2/32nd"	MBT:		Gels 10s	70	
Temp:	52C°			PM:		Gels 10m	78	
				PF:		Fann 003	12	
						Fann 006	13	
						Fann 100	32	
						Fann 200		
Comment	Total product costs to date \$ 1,687,059 Cumulative total \$ 1,765,259 (including engineer)						Fann 300	64
						Fann 600	108	

Bit # 11				Wear	I	O1	D	L	B	G	O2	R
					1	4	WT	T	X	I	NO	DTF
Bitwear Comments:												
Size ("):	9.500in	IADC#	M323	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	SMITH BITS	WOB(avg)	23.00klb	No.	Size	Progress	0.0m	Cum. Progress	1696.0m			
Type:	PDC	RPM(avg)	140	7	20/32nd"	On Bottom Hrs	0.0h	Cum. On Btm Hrs	138.1h			
Serial No.:	JW8581	F.Rate	15.60bpm			IADC Drill Hrs	0.0h	Cum IADC Drill Hrs	167.7h			
Bit Model	M716PXC	SPP	4400psi			Total Revs	1309000	Cum Total Revs	7199000			
Depth In	2384.0m	HSI	0.56HSI			ROP(avg)	N/A	ROP(avg)	12.28 m/hr			
Depth Out	4080.0m	TFA	2.149									
Bit Comment												

Bit # 12				Wear	I	O1	D	L	B	G	O2	R
Bitwear Comments:												
Size ("):	9.500in	IADC#	M323	Nozzles		Drilled over last 24 hrs			Calculated over Bit Run			
Mfr:	SMITH	WOB(avg)		No.	Size	Progress		Cum. Progress	0.0m			
Type:	PDC	RPM(avg)		7	20/32nd"	On Bottom Hrs		Cum. On Btm Hrs	0.0h			
Serial No.:	JW8664	F.Rate				IADC Drill Hrs		Cum IADC Drill Hrs	0.0h			
Bit Model	M716PXC	SPP				Total Revs		Cum Total Revs	0			
Depth In	4080.0m	HSI				ROP(avg)	N/A	ROP(avg)	0.00 m/hr			
Depth Out		TFA	2.149									
Bit Comment												

BHA # 13						
Weight(Wet)	30.00klb	Length	210.7m	Torque(max)	13500ft-lbs	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	10.00klb	String	250.00klb	Torque(Off.Btm)	10000ft-lbs	D.C. (2) Ann Velocity
Drilling Jar Hours	107.5	Pick-Up	280.00klb	Torque(On.Btm)	11800ft-lbs	H.W.D.P. Ann Velocity
		Slack-Off	220.00klb			D.P. Ann Velocity

BHA Run Description PD Exceed Rotary Steerable System

BHA Run Comment

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
Bit	0.30m	9.500in		4 1/2 Reg pin	JW8581	
Power drive Xceed	7.66m	6.375in		5 1/2 FH box	CAS 111	
Ecoscope	8.05m	9.375in		5 1/2 FH box	779	
Telescope x/o	8.51m	6.687in		NC50 box	FA 28	
5" Non-mag HWDP	9.09m	6.375in	2.750in	NC50 box	4449	
5in HWDP	55.71m	6.250in	3.000in	NC50 box		
Drilling Jars	9.40m	6.375in	2.750in	NC50 box	DAH02247	

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
5in HWDP	112.02m	6.500in	3.000in	NC50 box		

BHA # 14

Weight(Wet)	10.00klb	Length	61.6m	Torque(max)	D.C. (1) Ann Velocity
Wt Below Jar(Wet)	8.00klb	String		Torque(Off.Btm)	D.C. (2) Ann Velocity
Drilling Jar Hours	0	Pick-Up		Torque(On.Btm)	H.W.D.P. Ann Velocity
		Slack-Off			D.P. Ann Velocity

BHA Run Description PD Exceed Rotary Steerable System

BHA Run Comment

Equipment	Length	OD	ID	Top Conn	Serial #	Comment
Bit	0.30m	9.500in		4 1/2 Reg pin	JW8664	Smith M716PXC
Power drive Xceed	7.65m	6.375in		5 1/2 FH box	CRSC-116	
Ecoscope	8.05m	9.375in		5 1/2 FH box	779	
Telescope x/o	8.48m	6.687in		NC50 box	MDC33514	
5" Non-mag HWDP	9.09m	6.375in	2.750in	NC50 box	4449	
5in HWDP	9.10m	6.250in	3.000in	NC50 box		
Drilling Jars	9.65m	6.375in	2.750in	NC50 box	DAH01904	
5in HWDP	9.30m	6.500in	3.000in	NC50 box		

Bulk Stocks

Name	Unit	In	Used	Adjust	Balance
Barite Bulk	MT	0	0	0	229.2
Bentonite Bulk	MT	0	0	0	21.8
Diesel	m3	0	14.1	0	389.5
Fresh Water	m3	28	27.4	0	320.3
Drill Water	m3	0	6	0	753.3
Cement G	MT	0	0	0	33.5
Cement HT (Silica)	MT	0	0	0	0.0
Brine	m3	0	0	0	0.0

Pumps

Pump Data - Last 24 Hrs								Slow Pump Data									
No.	Type	Liner (in)	MW (ppg)	Eff (%)	SPM (SPM)	SPP (psi)	Flow (bpm)	Depth (m)	SPM1 (SPM)	SPP1 (psi)	Flow1 (bpm)	SPM2 (SPM)	SPP2 (psi)	Flow2 (bpm)	SPM3 (SPM)	SPP3 (psi)	Flow3 (bpm)
1	A1700PT	5.500	12.00	97					30			40			50		
2	12P 160	6.000	12.00	97	79	4400	7.90	3937.0	20	525	2.00	30	615	3.00	40	680	4.00
3	12P 160	6.000	12.00	97	75	4400	7.62	3937.0	20	530	2.00	30	610	3.00	40	700	4.00

Casing

OD (in)	Csg Shoe MD (m)	Csg Shoe TVD (m)	Csg Landing Depth MD (m)	Csg Landing Depth TVD (m)	LOT/FIT (ppg)
10 3/4"	2374.30	2184.30	75.30	75.30	15.00

Personnel On Board

Company	Pax	Comment
NEXUS	6	
DOGC	52	45 x DOGC 3x DOGC extra (, 1 x crane op, 1 x dogman, 1 x welder) 5 x DOGC other (2 x painter, 3 x union hydraulic,)
DOWELL SCHLUMBERGER	2	
FUGRO SURVEY LTD (ROV)	3	
SCHLUMBERGER ANADRIL	6	3 x MWD, 3 x DD.
BAROID	2	
ESS	8	

Personnel On Board		
GEOSERVICES OVERSEAS S.A.	6	
Q-Tech	1	
K & M	2	
Brandt	1	
Total	89	

HSE Summary				
Events	Date of last	Days Since	Descr.	Remarks
Last BOP Test	04 Aug 2006			
Abandon Drill	20 Aug 2006	1 Day	Weekly abandon rig drill	
Environmental Issue	15 Aug 2006	6 Days	Spill containment drill	Held drill with both crews
Fire Drill	20 Aug 2006	1 Day	Weekly fire drill	
JSA	21 Aug 2006	0 Days	Drillcrew 9, deckcrew 11, Mechanic 2, Marine 1	
Man Overboard Drill	21 Jul 2006	31 Days	Monthly man overboard drill	
Safety Meeting	20 Aug 2006	1 Day	Weekly crew safety meetings	0100/1300/1900hrs
STOP Card	21 Aug 2006	0 Days	Safe 4 , Unsafe 12	
Trip / Kick Drill	13 Aug 2006	8 Days	Trip drill	Held trip drill at shoe on trip in hole

Shakers, Volumes and Losses Data							
Available	3,230.7bbl	Losses	51bbl	Equip.	Descr.	Mesh Size	
Active	381.5bbl	Centrifuge	51bbl	Shaker1	VSM 100	10/260/260/230/230	
Hole	1,286.7bbl			Centrifuge1	Brandt HS 3400		
Reserve	1,200.5bbl			Shaker1	VSM 100	10/260/260/230/230	
Petrofree ester	362bbl			Centrifuge1	Brandt HS 3400		
				Shaker2	VSM 100	10/260/260/230/230	
				Centrifuge2	Brandt HS 3400		
				Shaker2	VSM 100	10/260/260/230/230	
				Centrifuge2	Brandt HS 3400		
				Shaker3	VSM 100	10/260/260/200/230	
				Shaker3	VSM 100	10/260/260/200/230	
				Shaker4	VSM 100	10/260/260/200/200	
Shaker4	VSM 100			10/260/260/200/200			

Marine									
Weather on 21 Aug 2006							Rig Support		
Visibility	Wind Speed	Wind Dir.	Pressure	Air Temp.	Wave Height	Wave Dir.	Wave Period	Anchors	Tension (klb)
10.0nm	14kn	180.0deg	1017.0mbar	10C°	0.2m	0.0deg	4s	1	243.0
Rig Dir.	Ris. Tension	VDL	Swell Height	Swell Dir.	Swell Period	Weather Comments		2	157.0
270.0deg	300.00klb	5062.00klb	0.5m	180.0deg	7s			3	251.0
Comments							4	291.0	
							5	362.0	
							6	267.0	
							7	207.0	
							8	227.0	

Vessel Name	Arrived (Date/Time)	Departed (Date/Time)	Status	Bulks				
Far Grip	09:00hrs 20th Aug		At running stand by	Item	Unit	Used	Trf. to Rig	Qty. Remaining
				Diesel	m3	5		595
				Fresh Water	m3	0		128
				Drill Water	m3			0
				Cement G	mt			84
				Cement HT (Silica)	mt			0
				Barite Bulk	mt		157.7	86
				Bentonite Bulk	mt			0
					bbls			0
				Base Oil	bbls			0
				Brine	bbls			3314

Pacific Wrangler		09:05hrs 20th Aug	En-route to port	Item	Unit	Used	Trf. to Rig	Qty. Remaining
				Diesel	m3			360
Fresh Water	m3			223				
Drill Water	m3			0				
Cement G	mt			79.5				
Cement HT (Silica)	mt			0				
Barite Bulk	mt			0				
Bentonite Bulk	mt			0				
	bbls			93				
	bbls			318				
Brine	bbls			0				