

Daily Drilling Report

WELL NAME DORY-1							DATE 14-11-2008		
API # OH		24 HRS PROG 263.00 (m)		TMD 3,218.00 (m)		TVD 3,216.93 (m)		REPT NO 17	
RIG NAME NO OCEAN PATRIOT		FIELD NAME DORY		AUTH TMD 3,821.50 (m)	PLANNED DOW 26.02 (days)		DOL 13.40 (days)	DFS / KO 9.85 (days)	WATER DEPTH 518.48 (m)
SPUD DATE 04-11-2008	Rig Release		WELL SUPERVISOR PAT BROWN / DAVID SYMINGTON			OIM DENNIS GORE		PBTMD	
REGION AUSTRALIA		DISTRICT OFFSHORE		STATE / PROV VICTORIA		RIG PHONE NO (08) 9338 5640		RIG FAX NO	
AFE # 096 08EE6		AFE COSTS			DAILY COSTS			CUMULATIVE COSTS	
DESCRIPTION: Vertical Exploration Well.		DHC: 26,682,148			DHC: 918,632			DHC: 15,592,619	
		DCC:			DCC:			DCC:	
		CWC:			CWC:			CWC:	
		Others:			Others:			Others:	
		TOTAL: 26,682,148			TOTAL: 918,632			TOTAL: 15,592,619	
DEFAULT DATUM / ELEVATION ROTARY TABLE / 21.50 (m)			LAST SAFETY MEETING 14/11/2008		BLOCK VIC-P59		FORMATION LATROBE / VOLADOR / SELENE		BHA HRS OF SERVICE 11.00
LAST SURVEY				LAST CSG SHOE TEST (EMW)		LAST CASING		NEXT CASING	
MD	2,938.52 (m)	INC	1.23°	AZM	64.27°	1.34 (sg)	340.000 mm @ 1,534.1 m		177.800 mm @ 3,800.0 m
CURRENT OPERATIONS: Drilling 216mm (8-1/2") hole at 3436m.									
24 HR SUMMARY: M/U RR bit and NB stab. RIH Quad Combo BHA and shallow tested same - OK. RIH to shoe, slipped and cut drilling line. RIH and conducted MAD run from 2780m to 2875m. RIH and drilled 216mm (8-1/2") hole from 2955m to 3218m. Avg ROP 35.1m/hr.									
24 HR FORECAST: Drill 216mm (8-1/2") hole. POH.									

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	1:00	1.00	P-DRL	TRIPBHA	PP		POOH to bit. Near bit stabiliser 25mm (1") undergauge at bottom of blades and bit rung out. Broke off bit and near bit stabilizer and laid out same. Made up new 214mm (8-7/16") near bit stabilizer and re-run bit and RIH. Offline: Downloaded memory data from BAT tool.
1:00	1:30	0.50	P-DRL	LWD	PN	MW	Broke out failed AFR tool and laid out. Picked up and made up back-up. Offline: Assessed AFR memory data - questionable below 1900m.
1:30	2:00	0.50	P-DRL	LWD	PP		Picked up MWD/LWD stand from derrick consisting of PWD, ALD + CNP and HOC. Cleaned wet connects prior to make up.
2:00	3:00	1.00	P-DRL	LWD	PP		Plugged into HOC and AFR tools. Checked tool string - OK. Initialized same.
3:00	4:00	1.00	P-DRL	LWD	PN	MW	Made up float sub with re-dressed ported float. Picked up back-up BAT. Broke off back-up ACAL and laid out. Made up primary ACAL. Note: Back-up BAT tool needed due to difficulties with downloading useable data from primary tool. No batteries for back-up ACAL - primary ACAL broken off primary BAT and made up to tool string. Laid out 127mm drill pipe single to pipe deck.
4:00	4:30	0.50	P-DRL	LWD	PP		Loaded RA sources into ALD and CNP LWD tools.
4:30	5:00	0.50	P-DRL	TRIPBHA	PP		Picked up and RIH 2 x stands 171mm (6-3/4") drill collars.
5:00	5:30	0.50	P-DRL	LWD	PP		Picked up 1 x stand 127mm (5") DP. Made up TDS and shallow tested MWD at 2.65m³/min (700gpm) - OK.
5:30	6:00	0.50	P-DRL	TRIPBHA	PP		Picked up and RIH 2 x stands 171mm (6-3/4") drill collars and 127mm (5") HWDP (including drilling jar) from derrick to 383m.
6:00	7:00	1.00	P-DRL	TRIP	PP		Picked up 18 joints 127mm (5") drill pipe from pipe deck and RIH BHA from 383m to 553m.
7:00	8:30	1.50	P-DRL	TRIP	PP		RIH 127mm (5") drill pipe from 553m to 1507m. Avg tripping speed 636m/hr.
8:30	9:00	0.50	P-DRL	CUTDL	PP		Held JSA. Made up TIW valve and side-entry sub. Rigged up surface lines for circulating during slip and cut. Rigged up to hang off block.
9:00	11:00	2.00	P-DRL	CUTDL	PP		Slipped and cut 27m drilling line. Function tested crown-o-matic. Note: Circulated through side-entry sub at 2.27m³/min (600gpm).
11:00	13:00	2.00	P-DRL	TRIP	PP		RIH 127mm (5") drill pipe from 1507m to 2780m. Avg tripping speed 636m/hr.
13:00	16:00	3.00	P-DRL	SLOG	PN	MW	Conducted MAD run from 2780m to 2875m at controlled rate of 50m/hr with 2.27m³/min (600gpm) and 60 rpm.
16:00	16:30	0.50	P-DRL	RMWASH	PP		Washed and reamed from 2875m down to 2955m - hole condition good. Note: MWD/LWD tools failed while washing to bottom. Pulse detected at surface but no useable signal from tool string decoded. Cycled pumps (2-2-2 cycle) and attempted to mode switch HCIM - unsuccessful.
16:30	0:00	7.50	P-DRL	DRLG	PP		Drilled 216mm (8-1/2") hole from 2955m to 3218m. Avg ROP 35.1m/hr. Boosted riser

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OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
							while drilling with 1.51m³/min (400gpm) and 2,068kPa (300psi). 11.3 - 18.1MT (25 - 40klbs) WOB, 60 - 120 rpm, 10.8 - 19.0kN.m (8 - 14kft.lbs) torque, 2.82m³/min (745gpm) flow rate, 27,752kPa (4025psi) SPP, 172.4MT (380klbs) string weight up, 161.1MT (355klbs) string weight down, 165.6MT (365klbs) string weight rotating.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00 - 06:00hrs: Drilled 216mm (8-1/2") hole from 3218m to 3436m. Ave ROP 36.3m/hr.

11.3 - 18.1MT (25 - 40klbs) WOB, 60 - 120 rpm, 10.8 - 36.6kN.m (8 - 27kft.lbs) torque, 2.82m³/min (745gpm) flow rate, 28,200kPa (4090psi) SPP, 176.9MT (390klbs) string weight up, 167.8MT (370klbs) string weight down, 172.4MT (380klbs) string weight rotating.

Note: String rotation stalled while drilling at 3285m - no increase in standpipe pressure. Worked torque out of string and worked pipe with 22.6MT (50klbs) overpull. Regained rotation and reamed single from 3285m to 3276m. Washed and reamed back to bottom - hole condition good.

HSE: 1 FAC reported. Welder had piece of debris lodge in eye despite appropriate PPE being worn. Report to follow.
Total Stop cards - 76 (21 unsafe, 55 safe).
JSA - 30, PTW - 11.

BIT DATA

BIT / RUN	SIZE (mm)	MANUFACTURER	TYPE	SERIAL NO	JETS OR TFA	DEPTH IN / DATE IN	I-O-D-L-B-G-O-R
3RR / 4	216.0	SMITH	Mi519BPX	JX5589	5x13	1,537.00 / 11-11-2008	4-8-RO-S-X-1-BT-PR
4RR / 5	216.0	HUGHES CHRISTENSEN	HC506ZX	7211635	6x14	2,955.00 / 14-11-2008	5-2-CR-N-X-I-BT-TD

BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
4RR/5	19/14	80/100	2,797.40	26,615	4091	3.58	114.00	31.8	3.58	114.00	31.8

LCM: MUD PROPERTIES MUD TYPE: KCL/POLYMER

VIS (s/l)	PV/YP (cp) / (Pa)	GELS (Pa)	WL/HTHP (ml/30 min)	FC/T.SOL (mm) / (%)	OIL/WAT (%)	% SAND/MBT (%) / (sg)	pH/Pm (mL)	Pf/Mf (mL)	Cl (ppm)	Ca (ppm)	H2S (%)	KCL (ppm)	LGS (%)
53	13/26	9/10	76	1/3		0							2

Density (sg) 1.15 PP DAILY COST 3507 CUM COST 309,195 %OIL

BHA 5 JAR S/N 17602018 BHA / HOLE CONDITIONS JAR HRS 91.50 BIT 4RR

BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
23 (tonne)	170 (tonne)	156 (tonne)	163 (tonne)	16 (kN-m)	383.80 (m)

ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Heavy Weight Drill Pipe	17	158.79	127.00	79.38		
Hydraulic Jar	1	9.36	158.70	69.85		
Heavy Weight Drill Pipe	6	56.17	127.00	79.38		
Spiral Drill Collar	12	112.92	171.40	69.85		
Integral Blade Stabilizer	1	1.78	216.00	73.02		
Logging While Drilling	1	8.65	171.40	47.63		
Float Sub	1	0.78	171.40	73.02		
Pulser Sub	1	3.06	171.40	47.63		
Pulser Sub	1	2.70	171.40	47.63		
Logging While Drilling	1	7.89	171.40	47.63		
MWD Tool	1	2.51	171.40	47.63		
Integral Blade Stabilizer	1	1.22	212.70	73.02		

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ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Logging While Drilling	1	9.57	171.40	47.63		
MWD Tool	1	2.70	171.40	73.02		
Integral Blade Stabilizer	1	1.67	214.30	73.02		
Pony Drill Collar	1	2.53	171.40	47.63		
Near Bit Stabilizer	1	1.17	214.30	73.02		
Polycrystalline Diamond Bit	1	0.33	216.00	73.02		

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
OH	SURFACE	340.00			1,534.14
OH	CONDUCTOR	762.00			585.00

MUD PUMPS/HYDRAULICS

SPR

#	STROKE	SPM	LINER	FLOW	SPP: 26,615 (kPa)		SPM	PPSR	
									# 1
# 2	304.80	30	152.40	485			PUMPS # 2	87/30/40/50	26,615/2,482/3,241/4,068
# 3	304.80	94	152.40	1521		HP: 0.521 (kW/cm ²)			

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
BRANDT	1		SUBSEA 7	8	
BAKER ATLAS	8		KEMTECH	2	
DOWELL	2		DODI	56	
SPERRY SUN	4		BJ CASING	2	
BHI	4		VETCO	1	
APACHE	5				

TOTAL PERSONNEL ON BOARD: 93

SUPPORT CRAFT

TYPE	REMARKS
FAR GRIP	On Location.
NOR CAPTAIN	In Geelong.
FAR SKY	On Location.
HELICOPTER	JYN (Pax On - 5, Pax Off - 7).

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		139	BENTONITE	MT		43
CEMENT	MT		102	DIESEL	m3		498
WATER, POTABLE	m3	29	338	WATER, DRILLING	m3	35	789

WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
00:00	1.00/45.00/3	0.20/45.00/3	/	9.8/45.00	

DECKLOG

MAX VDL	ACT VDL	AVG VDL	LEG PEN (BOW)	LEG PEN (PORT)	LEG PEN (S BOARD)
2560	2082	2082			

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SAFETY DRILLS

RAMS (kPa)	ANNULARS (kPa)	CASING	LAST BOP DRILL	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	MAN OVERBRD	ABND. DRILL
09-11-2008 / 41,370	09-11-2008 / 41,370	10-11-2008 / 17,238	10-11-2007	24-11-2007	09-11-2008			09-11-2008

INCIDENT REPORT

INCIDENTS TYPE	FIRST AID	LOST TIME? NO	INCIDENTS DESCRIPTION
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ANCHOR TENSION DATA

ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION
1	185	2	183	3	164
4	165	5	183	6	182
7	195	8	188	9	
10		11		12	

MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
CIRCAL Y	25.00 kg		0.00	96.00
SOLTEX	25.00 kg	26.00	2,305.42	180.00
KWIKSEAL (F)	40.00 lbs		0.00	90.00
POLYSAI	25.00 kg		0.00	60.00
CALCIUM CHLORIDE 74-77%	25.00 kg		0.00	80.00
DRISPAC SL	25.00 kg	5.00	610.95	174.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	40.00
CAUSTIC SODA - NaOH	25.00 kg		0.00	20.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	0.00
DEFOAM A	25.00 l		0.00	0.00
FLOWZAN	25.00 kg		0.00	94.00
			0.00	0.00
CIRCAL 60/16	25.00 kg	22.00	389.18	166.00
CITRIC ACID	25.00 kg		0.00	40.00
SAFE-CIDE	25.00 l	2.00	201.58	46.00
SAPP	25.00 kg		0.00	40.00
OMYACARB 10	25.00 kg		0.00	0.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	23.00
BARITE (bulk)	MT		0.00	85.30
KWIKSEAL (M)	40.00 lbs		0.00	90.00
CIRCAL 1000	25.00 kg		0.00	94.00
NUT PLUG	25.00 kg		0.00	0.00
BENTONITE (BULK)	MT		0.00	47.00
GUAR GUM	25.00 kg		0.00	0.00