

Daily Drilling Report

WELL NAME DORY-1							DATE 06-11-2008		
API # OH		24 HRS PROG 248.54 (m)		TMD 835.00 (m)		TVD 834.94 (m)		REPT NO 9	
RIG NAME NO OCEAN PATRIOT		FIELD NAME DORY		AUTH TMD 3,821.50 (m)	PLANNED DOW 26.02 (days)		DOL 5.40 (days)	DFS / KO 1.85 (days)	WATER DEPTH 517.00 (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: 881,019		DHC: 8,052,400		
		DCC:			DCC:		DCC:		
		CWC:			CWC:		CWC:		
		Others:			Others:		Others:		
		TOTAL: 26,682,148			TOTAL: 881,019		TOTAL: 8,052,400		
DEFAULT DATUM / ELEVATION ROTARY TABLE / 21.50 (m)			LAST SAFETY MEETING 6/11/2008	BLOCK VIC-P59		FORMATION LATROBE / VOLADOR / SELENE		BHA HRS OF SERVICE 3.50	

LAST SURVEY				LAST CSG SHOE TEST (EMW)		LAST CASING		NEXT CASING	
MD	815.76 (m)	INC	1.05°	AZM	343.05°	(sg)		762.000 mm @ 585.0 m	
								340.000 mm @ 1,532.0 m	

CURRENT OPERATIONS: Drilling 406mm (16") hole at 1052m.

24 HR SUMMARY: WOC. Released CART, flushed LPWHH and POH. M/U and RIH 406mm (16") BHA. Repaired TDS hydraulic leak. Drilled out 508mm (20") float shoe. Drilled 406mm (16") hole from 585m to 835m. Ave ROP 50m/hr.

24 HR FORECAST: Drill 406mm (16") hole to section TD. Sweep hole with hi-vis PHG and displace same to 1.15SG WBM. POH. Run and cement 340mm (13-3/8") casing.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	3:00	3.00	C-CSG	WOC	PP		Continued to WOC. Offline: Picked up 9 stands 127mm (5") DP and racked back in derrick. Repaired BJ stabbing arm and conducted sensor calibration - OK.
3:00	3:30	0.50	C-CSG	WOC	PP		Skidded rig back over well centre. Observed bullseyes at all times while moving rig to confirm PGB inclination - Port Aft bullseye 0.75° STB, Bow bullseye 0°.
3:30	4:00	0.50	C-CSG	CIRC	PP		Released 762mm (30") CART with Vetco instructions. Dropped drill pipe wiper ball and displaced same with seawater. Flushed LPWHH. Recorded SPP's (stinger at 545m): 2.27m³/min. (600gpm); 1,725 kPa (250psi); 3.03m³/min. (800gpm); 3,445kPa (500psi); 3.79m³/min. (1000gpm); 4,825kPa (700psi); 4.54m³/min. (1,200gpm); 7,2140kPa (1,050psi).
4:00	6:00	2.00	C-CSG	RIHPOOH	PP		POH and laid out 762mm (30") CART to pipe deck. Note: Encountered problems with hydraulic elevators. Changed out same.
6:00	8:00	2.00	S-DRL	TRIPBHA	PP		Picked up and RIH MWD tools from derrick. Made up 127mm (5") HWDP handling joint and laid out Sperry RLL and HOC.
8:00	8:30	0.50	S-DRL	TRIPBHA	PP		Broke out side entry sub cementing assembly. Laid out 2 x TIW valves and side entry sub. Made up stand and racked back same while changing out Sperry MWD pulsar on catwalk.
8:30	10:00	1.50	S-DRL	TRIPBHA	PP		Picked up preassembled 406mm (16") packed sub assembly consisting of 406mm (16") bit, 406mm (16") near-bit stabiliser, pony DC and 406mm (16") string stabiliser. Made up Sperry RLL and HOC. Attached guide ropes in moonpool to 406mm (16") BHA. Note: Checked torque on all connections in sub assembly.
10:00	10:30	0.50	S-DRL	TRIPBHA	PP		Plugged into MWD tool and initialised same.
10:30	12:30	2.00	S-DRL	TRIPBHA	PP		Made up and RIH 406mm (16") BHA to 133m.
12:30	13:00	0.50	S-DRL	CIRC	PP		Shallow tested MWD with 3.41m³/min (900gpm) and 7,585kPa (1100psi) - OK
13:00	13:30	0.50	S-DRL	TRIPBHA	PP		RIH 406mm (16") BHA on 127mm (5") HWDP to 377m.
13:30	16:00	2.50	S-DRL	TRIP	PP		Picked up 14 stands 127mm (5") DP and racked back. Continued to RIH to 530m.
16:00	17:00	1.00	S-DRL	TRIP	PP		406mm (16") BHA off-centre at LPWHH with guide wire #2 wrapped around BHA. ROV untangled same while skidding rig 6m Port Fwd and stabbed 406mm (16") BHA into LPWHH with ROV assistance. Continued RIH to 570m.
17:00	18:00	1.00	S-DRL	RIGSER	PN	TD	DOWNTIME: Hydraulic hose failure on TDS. Repaired same.
18:00	18:30	0.50	S-DRL	RMWASH	PP		Held JSA as per DODI shallow gas procedures. Made up TDS and washed down from 570m to tag float shoe at 585m with 4.5MT (10klbs).
18:30	19:00	0.50	S-DRL	DRLCMT	PP		Drilled out 508mm float shoe. Worked through shoe track three times to confirm clear.
19:00	0:00	5.00	S-DRL	DRLG	PP		Drilled 406mm (16") hole riserless from 585m to 835m. Ave ROP 50m/hr. Pumped 7.95m³ (50bbls) PHG mid-stand and spotted 7.95m³ (50bbls) PHG around BHA on

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OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
							connections. Surveys recorded on connections only. Note: 2 x gasket seals failed on mud pump #3 suction. Pump offline from 20:15 to 21:30 while replacing gaskets and 4 x valve/seat sets. Drilled with 3.41m³/min (900gpm) on two pumps - lost detection and surveys due to insufficient flow rate.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 Drilled 406mm (16") hole from 835m to 1052m. Ave ROP 36.2m/hr.
Pumped 7.95m³ (50bbbls) hi-vis guar gum sweeps mid-stand and 7.95m³ (50bbbls) hi-vis PHG spotted around BHA on connections.
Note: Poor real-time detection with Sperry tools. No problems getting surveys.

HSE: 1 FAC reported (24hrs late): IP presented to medic with injured foot from previous day's tour. Stepped on clamp on main deck and injured foot but failed to report immediately. IP being sent into town for further investigation.
(JSA-34)-(PTW-13),(Total stop cards - 44 unsafe acts - 14, safe acts 30).

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
1 / 2	406.0	SMITH	TCT+CR	MZ7899	1x22, 4x22	586.48 / 06-11-2008	-----

BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
1/2	18/18	180/180	4,921.00	27,235	2703	2.50	205.00	82.0	2.50	205.00	82.0

MOTOR OUTPUT

RPG: ROTARY CURRENT: 180 TOTAL RPM: 360

LCM: MUD PROPERTIES MUD TYPE: FRESHWATER GEL

VIS (s/l)	PV/YP (cp) / (Pa)	GELS (Pa)	WL/HHP (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 (%)
120	10/66	33/34		4									

Density (sg) 1.05 PP DAILY COST 3805 CUM COST 24,655 %OIL

BHA 2 JAR S/N 17602018 BHA / HOLE CONDITIONS JAR HRS BIT 1

BHA WT BELOW JARS (tonne)	STRING WT UP (tonne)	STRING WT DN (tonne)	STRING WT ROT (tonne)	TORQUE/UNITS (5 (kN-m))	BHA LENGTH (377.35 (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	158.75	69.85		
Heavy Weight Drill Pipe	6	56.17	127.00	79.38		
Cross Over	1	1.07	200.02	73.02		
Drill Collar	12	111.00	209.50	69.85		
Cross Over	1	1.12	238.12	76.20		
Non-Mag Drill Collar	1	9.31	241.30	76.20		
Integral Blade Stabilizer	1	2.42	406.40	76.20		
Logging While Drilling	1	6.84	279.40	92.08		
Logging While Drilling	1	4.80	241.30	82.55		
Logging While Drilling	1	7.43	241.30	76.20		
Integral Blade Stabilizer	1	2.53	241.30	76.20		7 5/8 REG
Non-Mag Pony Collar	1	3.25	241.30	76.20		
Near Bit Stabilizer	1	2.83	241.30	76.20		7 5/8 REG

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ITEM DESCRIPTION		NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Tri-Cone Bit		1	0.43	660.40			

SURVEY

TYPE	MD (m)	DEG (°)	AZI (°)	TVD (m)	+N/-S (m)	+E/-W (m)	V.SECT (m)	D.L (°/30m)
NORMAL	538.75	0.00	0.00	538.75	0.00	0.00	0.00	0.00
NORMAL	613.93	1.24	346.95	613.92	0.79	-0.18	0.81	0.50
NORMAL	641.31	1.32	347.27	641.30	1.39	-0.32	1.43	0.09
NORMAL	729.08	1.27	349.67	729.04	3.34	-0.72	3.41	0.03
NORMAL	758.04	1.30	347.73	758.00	3.97	-0.85	4.06	0.05
NORMAL	815.76	1.05	343.05	815.71	5.12	-1.14	5.24	0.14

MUD PUMPS/HYDRAULICS

SPR

	STROKE	SPM	LINER	FLOW	SPP: 27,235 (kPa)		SPM	PPSR
# 1	304.80	97	152.40	1553	HP: 0.171 (kW/cm²)			
# 2	304.80	102	152.40	1633				
# 3	304.80	105	152.40	1681				

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
Diamond Offshore Extra	3		BJ	2	
Diamond Offshorte Other	3		Catering	8	
Sub Sea WFD	1		Dowell	2	
Grn	2		Apache	7	
Sperry	3		Diamond Offshore	45	
TMT	6		Vetco	2	
BHI	2		Kemtech	2	
BJ Casing	2				

TOTAL PERSONNEL ON BOARD: 90

SUPPORT CRAFT

TYPE	REMARKS
Far Grip	To running standby.
Nor Captain	

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		56	BENTONITE	MT		81
CEMENT	MT		158	DIESEL	m3		337
WATER, POTABLE	m3	22	290	WATER, DRILLING	m3	112	529

WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
00:00	1.50/230.00/3	0.30/230.00/3	/	10.3/230.00	

DECKLOG

MAX VDL	ACT VDL	AVG VDL	LEG PEN (BOW)	LEG PEN (PORT)	LEG PEN (S BOARD)
2335	2335	2560			

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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
31-10-2008	31-10-2008				03-11-2008			03-11-2008

INCIDENT REPORT

INCIDENTS TYPE	FIRST AID	LOST TIME?	NO	INCIDENTS DESCRIPTION IP presented to medic with injured foot from previous day's tour. Stepped on clamp on main deck but failed to report immediately. IP being sent into town for further investigation.
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MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
BENTONITE (BULK)	MT	10.00	3,672.80	71.00
BARITE (bulk)	MT		0.00	54.00
GUAR GUM	25.00 kg		0.00	168.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	24.00
CAUSTIC SODA - NaOH	25.00 kg	4.00	132.44	22.00
CALCIUM CHLORIDE 74-77%	25.00 kg		0.00	80.00