

Daily Drilling Report

<b>WELL NAME</b> DORY-1							<b>DATE</b> 15-11-2008	
<b>API #</b> OH		<b>24 HRS PROG</b> 596.00 (m)		<b>TMD</b> 3,814.00 (m)		<b>TVD</b> 3,812.77 (m)		<b>REPT NO</b> 18
<b>RIG NAME NO</b> OCEAN PATRIOT		<b>FIELD NAME</b> DORY		<b>AUTH TMD</b> 3,821.50 (m)	<b>PLANNED DOW</b> 26.02 (days)	<b>DOL</b> 14.40 (days)	<b>DFS / KO</b> 10.85 (days)	<b>WATER DEPTH</b> 518.48 (m)
<b>SPUD DATE</b> 04-11-2008	<b>Rig Release</b>		<b>WELL SUPERVISOR</b> PAT BROWN / DAVID SYMINGTON			<b>OIM</b> DENNIS GORE		<b>PBTMD</b>
<b>REGION</b> AUSTRALIA		<b>DISTRICT</b> OFFSHORE		<b>STATE / PROV</b> VICTORIA		<b>RIG PHONE NO</b> (08) 9338 5640		<b>RIG FAX NO</b>
<b>AFE # 096 08EE6</b>		<b>AFE COSTS</b>		<b>DAILY COSTS</b>		<b>CUMULATIVE COSTS</b>		
<b>DESCRIPTION:</b> Vertical Exploration Well.		DHC: 26,682,148		DHC: 943,192		DHC: 16,535,811		
		DCC:		DCC:		DCC:		
		CWC:		CWC:		CWC:		
		Others:		Others:		Others:		
		TOTAL: 26,682,148		TOTAL: 943,192		TOTAL: 16,535,811		
<b>DEFAULT DATUM / ELEVATION</b> ROTARY TABLE / 21.50 (m)			<b>LAST SAFETY MEETING</b> 15/11/2008	<b>BLOCK</b> VIC-P59		<b>FORMATION</b> LATROBE / VOLADOR / SELENE		<b>BHA HRS OF SERVICE</b> 35.00
<b>LAST SURVEY</b>				<b>LAST CSG SHOE TEST (EMW)</b>	<b>LAST CASING</b>		<b>NEXT CASING</b>	
<b>MD</b>	2,938.52 (m)	<b>INC</b>	1.23°	<b>AZM</b>	64.27°	1.34 (sg)	340.000 mm @ 1,534.1 m	
							177.800 mm @ 3,800.0 m	

**CURRENT OPERATIONS:** POH 127mm drill pipe and rack back in derrick.  
**24 HR SUMMARY:** Drilled 216mm (8-1/2") hole from 3218m to 3814m TD. Avg ROP 24.8m/hr.  
**24 HR FORECAST:** Circulate hole clean. POH and rack back BHA. L/O MWD/LWD tools. R/U electric line sheaves and commence formation evaluation operations.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	6:00	6.00	P-DRL	DRLG	PP		Drilled 216mm (8-1/2") hole from 3218m to 3436m. Avg 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.
6:00	21:30	15.50	P-DRL	DRLG	PP		Drilled 216mm (8-1/2") hole from 3436m to 3804m. Avg ROP 23.7m/hr.  13.6 - 22.6MT (30 - 50klbs) WOB, 85 - 100 rpm, 5.4 - 36.6kN.m (4 - 27kft.lbs) torque, 2.75m³/min (726gpm) flow rate, 28,890kPa (4190psi) SPP, 186.9MT (410klbs) string weight up, 176.9MT (390klbs) string weight down, 176.9MT (390klbs) string weight rotating.
21:30	22:30	1.00	P-DRL	DRLG	PP		Hard stringer encountered at 3804m with ROP decreasing to <1m/hr. Drilled 216mm (8-1/2") hole to 3805m. Note: Pumped 9.54m³ calcium carbonate pill at 22:00hrs (commenced preparations to POH). Continued drilling on stringer while sweeping hole with pill. No increase in cuttings volume accompanied pill on bottom's up.
22:30	0:00	1.50	P-DRL	DRLG	PP		Drilled 216mm (8-1/2") hole from 3805m to 3814m TD. Avg ROP 6m/hr. Confirmed TD with Perth office.  13.6 - 22.6MT (30 - 50klbs) WOB, 40 - 100 rpm, 5.4 - 36.6kN.m (4 - 27kft.lbs) torque, 2.75m³/min (726gpm) flow rate, 28,890kPa (4190psi) SPP, 186.9MT (410klbs) string weight up, 176.9MT (390klbs) string weight down, 176.9MT (390klbs) string weight rotating.

24.00 = Total Hours Today

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06:00 UPDATE

0000-0600 00:00 - 02:30hrs: Pumped 9.54m<sup>3</sup> calcium carbonate pill and swept same from hole. No increase in cuttings volume accompanied pill on bottom's up. Continued circulating at 2.75m<sup>3</sup>/min (726gpm) and 28,890kPa (4190psi) until shakers clean (total ~3 bottom's up since encountering stringer at 3804m). Reciprocated and rotated pipe while circulating.  
 02:30 - 06:00hrs: POH 127mm (5") drill pipe from 3814m to 2570m. Encountered several tight spots from 3525m to 2981m - max overpull 40.8MT (90klbs), max drag 27.2MT (60klbs). Worked pipe in singles as required. Tight hole wiped clean. Avg tripping speed 355m/hr.

HSE: 1 incident reported. While spotting ROV on Port Aft deck, boom on Port crane continued to lower at slow speed until ROV landed on ROV platform. Emergency stop was functioned. Boom came to rest on ROV winch guide frame. Whip line ball and main block came to rest on ROV work deck. No injuries to personnel or damage to equipment. 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
4RR / 5	216.0	HUGHES CHRISTENSEN	HC506ZX	7211635	6x14, 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	15/21	40/95	2,764.00	29,580	3994	20.83	517.00	24.8	30.83	859.00	27.9

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 (%)
56	14/28	10/11	4	1/3		0							2

Density (sg) 1.15 PP DAILY COST 14,819 CUM COST 324,014 %OIL

BHA	JAR S/N	BHA / HOLE CONDITIONS	JAR HRS	BIT
5	17602018		115.50	4RR

BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
23 (tonne)	175 (tonne)	166 (tonne)	172 (tonne)	16 (kN-m)	383.80 (m)
23 (tonne)	191 (tonne)	181 (tonne)	186 (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		
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		

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## 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: 29,580 (kPa)		SPM	PPSR
# 1	304.80	84	152.40	1359	HP: 0.502 (kW/cm <sup>2</sup> )	PUMPS # 2	90/30/40/50	27,856/3,448/4,137/5,171
# 2	304.80	40	152.40	647				
# 3	304.80	94	152.40	1521				

## PERSONNEL DATA

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

TOTAL PERSONNEL ON BOARD: 93

## SUPPORT CRAFT

TYPE	REMARKS
FAR GRIP	At Barry Beach Marine Terminal.
NOR CAPTAIN	On Location.
FAR SKY	Enroute to Geelong.

## MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		139	BENTONITE	MT		43
CEMENT	MT		102	DIESEL	m3		476
WATER, POTABLE	m3	22	349	WATER, DRILLING	m3	84	705

## 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	2083	2083			

## 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 NONE 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	187	2	185	3	163
4	164	5	182	6	180
7	198	8	192	9	
10		11		12	

## MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
DEFOAM A	25.00 l		0.00	24.00
CIRCAL Y	25.00 kg		0.00	96.00
BENTONITE (BULK)	MT		0.00	47.00
POLYSAI	25.00 kg	30.00	1,061.40	30.00
DRISPAC SL	25.00 kg	26.00	3,176.94	228.00
OMYACARB 10	25.00 kg		0.00	96.00
KWIKSEAL (M)	40.00 lbs		0.00	90.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	40.00
BARITE (bulk)	MT		0.00	140.30
CALCIUM CHLORIDE 74-77%	25.00 kg		0.00	80.00
SAPP	25.00 kg		0.00	40.00
NUT PLUG	25.00 kg		0.00	28.00
FLOWZAN	25.00 kg	7.00	1,906.31	87.00
CIRCAL 1000	25.00 kg		0.00	94.00
CITRIC ACID	25.00 kg		0.00	40.00
CAUSTIC SODA - NaOH	25.00 kg		0.00	20.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	23.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	0.00
SAFE-CIDE	25.00 l	2.00	201.58	44.00
			0.00	0.00
KWIKSEAL (F)	40.00 lbs		0.00	90.00
GUAR GUM	25.00 kg		0.00	0.00
CIRCAL 60/16	25.00 kg	88.00	1,556.72	78.00
SOLTEX	25.00 kg	78.00	6,916.26	182.00