

Daily Drilling Report

<b>WELL NAME</b> ELVER-1							<b>DATE</b> 09-01-2009	
<b>API #</b> OH		<b>24 HRS PROG</b> 165.00 (m)		<b>TMD</b> 4,764.00 (m)		<b>TVD</b> 3,536.34 (m)		<b>REPT NO</b> 23
<b>RIG NAME NO</b> OCEAN PATRIOT		<b>FIELD NAME</b> ELVER		<b>AUTH TMD</b>	<b>PLANNED DOW</b> 36.40 (days)	<b>DOL</b> 22.79 (days)	<b>DFS / KO</b> 20.27 (days)	<b>WATER DEPTH</b> 504.90 (m)
<b>SPUD DATE</b> 21-12-2008	<b>Rig Release</b>		<b>WELL SUPERVISOR</b> PAT BROWN / KERRY PARKER			<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 # 09408EF5</b>		<b>AFE COSTS</b>		<b>DAILY COSTS</b>		<b>CUMULATIVE COSTS</b>		
<b>DESCRIPTION:</b> Directional Exploration Well		DHC: 38,786,601		DHC: 980,099		DHC: 27,801,742		
		DCC:		DCC:		DCC:		
		CWC:		CWC:		CWC:		
		Others:		Others:		Others:		
		TOTAL: 38,786,601		TOTAL: 980,099		TOTAL: 27,801,742		

<b>DEFAULT DATUM / ELEVATION</b> WELL / 21.50 (m)		<b>LAST SAFETY MEETING</b> 9/01/2009	<b>BLOCK</b> VIC-P59		<b>FORMATION</b> INTRA-GOLDEN BEACH		<b>BHA HRS OF SERVICE</b> 157.00	
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<b>LAST SURVEY</b>				<b>LAST CSG SHOE TEST (EMW)</b>		<b>LAST CASING</b>		<b>NEXT CASING</b>	
<b>MD</b>	4,738.48 (m)	<b>INC</b>	47.05°	<b>AZM</b>	192.22°		1.60 (sg)	244.000 mm @ 3,243.9 m	

**CURRENT OPERATIONS:** Drilling 216mm (8-1/2") hole at 4816m.  
**24 HR SUMMARY:** Directionally drilled 216mm (8-1/2") hole from 4599m to 4764m.  
**24 HR FORECAST:** Continue to drill ahead to section TD at 5462m KOP at 4850m..

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	0:00	24.00	PL-DRL	DRLG	PP		Directionally drilled 216mm (8-1/2") hole from 4599m to 4764m, Ave ROP 6.9 m/hr. Drilling Parameters: WOB: 2.3 - 20.4 MT (5 - 45klbs). RPM: 140-200. TQ (ON): 32.5 - 39.3kN.m (22 - 29kft.lbs). TQ (OFF): 28.5 - 33.9kN.m (21 - 25kft.lbs). FLOW: 2.31 - 2.46 <sup>3</sup> /min (610 - 650gpm). SPP: 30,338 kPa (4400psi) String Weights: UP: 192MT (425klbs). DOWN: 138MT (305klbs). ROTATING: 156 MT (345klbs). Boosted riser with 1.29 <sup>3</sup> /min (342 gpm) while drilling. Pumped through choke and kill lines. Added 0.3% ( 4 drums) Radiagreen to active mud while drilling at 4737m, noticed slight reduction in torque.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00-06:00 Directionally drilled 216mm (8-1/2") hole from 4764m to 4816m Ave ROP 8.6 m/hr.  
 Drilling Parameters:  
 WOB: 2.3 - 20.4 MT (5 - 45klbs). RPM: 140-200.  
 TQ (ON): 32.5 - 39.3kN.m (22 - 29kft.lbs).  
 TQ (OFF): 28.5 - 33.9kN.m (21 - 25kft.lbs).  
 FLOW: 2.31 - 2.46<sup>3</sup>/min (610 - 650gpm). SPP: 30,338 kPa (4400psi)  
 String Weights:  
 UP: 192MT (425klbs). DOWN: 138MT (305klbs).  
 ROTATING: 156 MT (345klbs).  
 Boosted riser with 1.29 <sup>3</sup>/min (342 gpm)..  
 Pumped through choke and kill lines.

HSE: No accidents, incidents or pollution reported.  
 Total Stop cards - 78 (26 unsafe, 52 safe). JSA - 28, PTW - 14.

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
5 / 1	216.0	HUGHES CHRISTENSEN	HC506ZX	7213298	2x14, 4x16	4,433.00 / 07-01-2009	-----

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BIT OPERATIONS

BIT / RUN	WOB	RPM	FLOW	PRESS	P BIT	HRS	24 Hr PROG	24 HR ROP	CUM HRS	CUM PROG	CUM ROP
5/1	20/20	200/200	3,980.18	30,338	5712	24.00	165.00	6.9	42.00	331.00	7.9

LCM: 0 **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 (%)
60	17/26	6/10	4/0	1/10	0/0	0/7	10.00/0.00	1.50/3.20	58,000	170	0	0	5

Density (sg) 1.15 ECD (sg) 0.00 PP DAILY COST 21,822 CUM COST 640,201 %OIL 4

BHA 6 JAR S/N 17605011 **BHA / HOLE CONDITIONS** JAR HRS 157.00 BIT 5

BHA WT BELOW JARS	STRING WT UP	STRING WT DN	STRING WT ROT	TORQUE/UNITS	BHA LENGTH
14 (tonne)	192 (tonne)	138 (tonne)	156 (tonne)	39 (kN-m)	346.67 (m)

ITEM DESCRIPTION	NO JTS	LENGTH	O.D	I.D	CONN SIZE	CONN TYPE
Heavy Weight Drill Pipe	26	242.35	127.00	79.38		
Hydraulic Jar	1	9.92	165.10	69.85		
Heavy Weight Drill Pipe	3	28.16	127.00	79.38		
Drill Collar	3	28.22	171.45	69.85		
Integral Blade Stabilizer	1	1.78	212.73	76.20		
Logging While Drilling	1	8.14	190.50	92.08		
Logging While Drilling	1	3.58	212.85	82.55		
Logging While Drilling	1	8.48	175.01	82.55		
Logging While Drilling	1	8.04	209.55	76.20		
Steering Tool	1	7.66	212.73	76.20		7 5/8 REG
Polycrystalline Diamond Bit	1	0.34	216.00	76.20		

SURVEY

TYPE	MD (m)	DEG (°)	AZI (°)	TVD (m)	+N/-S (m)	+E/-W (m)	V.SECT (m)	D.L (°/30m)
NORMAL	4,595.29	47.03	194.92	3,419.55	-2,682.58	-522.40	2,732.97	1.34
NORMAL	4,624.10	47.06	195.32	3,439.18	-2,702.94	-527.90	2,754.01	0.31
NORMAL	4,650.29	46.84	195.16	3,457.06	-2,721.40	-532.93	2,773.09	0.29
NORMAL	4,680.89	47.07	193.66	3,477.94	-2,743.06	-538.49	2,795.42	1.10
NORMAL	4,708.89	42.07	193.66	3,497.88	-2,762.15	-543.13	2,815.04	5.36
NORMAL	4,738.48	47.05	192.22	3,518.96	-2,782.38	-547.77	2,835.79	5.15

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
OH	SURFACE	340.00	178.58	X 56	1,735.93
OH	CONDUCTOR	762.00		X 56	573.00
OH	INTERMEDIATE 1	244.00	69.94	L-80	3,243.90

MUD PUMPS/HYDRAULICS

SPR

	STROKE	SPM	LINER	FLOW	SPP: 30,338 (kPa)	SPM	PPSR
# 1	304.80	30	152.40	485	HP: 1.034 (kW/cm²)		
# 2	304.80	76	152.44	1230			
# 3	304.80	76	152.40	1230			

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## PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
Catering	8		SUBSEA 7	3	
APACHE	5		BHI	6	
BAKER ATLAS	7		DODI	53	
KEMTECH	2		BRANDT	1	
ANADRILL	5		WEST ENGINEERING	1	
Shell	3		DOWELL	2	
BJ TRS	1				

TOTAL PERSONNEL ON BOARD: 97

## SUPPORT CRAFT

TYPE	REMARKS
FAR SKY	Geelong
SWISSCO 168	On Loc
S-76	1 x Chopper pax in 6, pax out 5
YARABAH	On Loc
FAR GRIP	On Loc

## MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		97	BENTONITE	MT		26
CEMENT	MT		74	DIESEL	m3		515
WATER, POTABLE	m3	27	367	WATER, DRILLING	m3	133	601

## WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
23:00	/ /260.00/3	1.00/230.00/9	/	5.1/260.00	

## DECKLOG

MAX VDL	ACT VDL	AVG VDL	LEG PEN (BOW)	LEG PEN (PORT)	LEG PEN (S BOARD)
2560	1915	1915			

## SAFETY DRILLS

RAMS (kPa)	ANNULARS (kPa)	CASING	LAST BOP DRILL	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	MAN OVERBRD	ABND. DRILL
28-12-2008 / 34,475	28-12-2008 / 34,475	27-12-2008 / 17,237	25-12-2008	14-01-2009	28-12-2008			28-12-2008

## INCIDENT REPORT

INCIDENTS TYPE NONE    LOST TIME? NO    INCIDENTS DESCRIPTION  
No incidents reported today.

## ANCHOR TENSION DATA

ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION
1	178	2	175	3	174
4	160	5	182	6	181
7	199	8	198	9	
10		11		12	

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## MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
KWIKSEAL (F)	40.00 lbs		0.00	72.00
CITRIC ACID	25.00 kg	4.00	177.00	80.00
CIRCAL 60/16	25.00 kg	24.00	424.56	84.00
KWIKSEAL (M)	40.00 lbs		0.00	108.00
SOLTEX	50.00 lbs	35.00	3,103.45	160.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	0.00
RADIA GREEN EME B	185.00 l	5.00	7,877.50	7.00
KCL (1.0 MT)	1.00 MT		0.00	8.00
POLYPLUS	25.00 kg	5.00	426.20	60.00
CIRCAL 1000	25.00 kg		0.00	96.00
FLOWZAN	25.00 kg	24.00	6,535.92	138.00
POLYSAI	25.00 kg		0.00	74.00
KLA STOP	55.00 gal		0.00	16.00
STAR GLIDE	208.00 l		0.00	28.00
SAFE-CIDE	25.00 l	1.00	100.69	11.00
SAPP	25.00 kg		0.00	35.00
DRISPAC SL	50.00 lbs	26.00	3,176.94	120.00
CIRCAL Y	25.00 kg		0.00	96.00
CALCIUM CHLORIDE 74-77%	25.00 kg		0.00	69.00
DEFOAM A	5.00 gal		0.00	12.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	10.00
LIME	25.00 kg		0.00	0.00
NUT PLUG	50.00 lbs		0.00	14.00
GUAR GUM	25.00 kg		0.00	0.00
OMYACARB 10	25.00 kg		0.00	0.00
BENTONITE	1.00 MT		0.00	24.00
BARITE (bulk)	1.00 MT		0.00	97.00
STAR GLIDE	55.00 gal		0.00	0.00
CAUSTIC SODA - NaOH	25.00 kg		0.00	17.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	41.00