

Daily Drilling Report

WELL NAME ELVER-1							DATE 24-12-2008	
API # OH		24 HRS PROG 0.00 (m)		TMD 1,741.70 (m)		TVD 1,741.70 (m)		REPT NO 7
RIG NAME NO OCEAN PATRIOT		FIELD NAME ELVER		AUTH TMD		PLANNED DOW 36.40 (days)		DOL 6.79 (days)
DFS / KO 4.27 (days)		WATER DEPTH 504.90 (m)		SPUD DATE 21-12-2008		Rig Release		WELL SUPERVISOR IVAN PARKHURST / DAVID SYMINGTON
OIM DENNIS GORE		PBTMD		REGION AUSTRALIA		DISTRICT OFFSHORE		STATE / PROV VICTORIA
RIG PHONE NO (08) 9338 5640		RIG FAX NO		AFE # 09408EF5		AFE COSTS		DAILY COSTS
DESCRIPTION: Directional Exploration Well		DHC: 38,786,601		DHC: 923,113		DHC: 8,819,832		DHC: 8,819,832
DCC:		DCC:		DCC:		DCC:		DCC:
CWC:		CWC:		CWC:		CWC:		CWC:
Others:		Others:		Others:		Others:		Others:
TOTAL: 38,786,601		TOTAL: 923,113		TOTAL: 8,819,832		TOTAL: 8,819,832		TOTAL: 8,819,832
DEFAULT DATUM / ELEVATION WELL / 21.50 (m)		LAST SAFETY MEETING 24/12/2008		BLOCK VIC-P59		FORMATION INTRA-GOLDEN BEACH		BHA HRS OF SERVICE
LAST SURVEY		LAST CSG SHOE TEST (EMW)		LAST CASING		NEXT CASING		
MD 1,741.00 (m) INC 51.90° AZM 191.50°		(sg)		762.000 mm @ 573.0 m		339.720 mm @ 1,735.9 m		

CURRENT OPERATIONS: RIH BOP on marine riser.

24 HR SUMMARY: RIH 340mm (13-3/8") casing string on 127mm (5") DP landing string to land and latch HPWHH in LPWHH. Circulated and cemented casing. Released CART and POH landing string. R/U riser handling equipment and commenced running BOP on marine riser.

24 HR FORECAST: Land and latch BOP. Pressure test casing and wellhead connector against BSR's. P/U and RIH 311mm (12-1/4") BHA.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	1:00	1.00	S-CSG	RU_RD	PP		Rigged down 340mm (13-3/8") FMS. Cleared remaining 340mm (13-3/8") handling equipment from drill floor. Rigged up 127mm (5") hydraulic elevators and picked up 127mm (5") DP single and 3m pup joint for landing string space out.
1:00	2:30	1.50	S-CSG	TRIP	PP		RIH 340mm (13-3/8") casing string on 127mm (5") DP landing string from 1201m to 1721m. Ave running speed 347m/hr. Drifted all landing string tubulars prior to RIH with 67mm (2-5/8") rabbit.
2:30	3:00	0.50	S-CSG	RMWASH	PP		Picked up cement head stand from derrick. Made up TDS and washed down from 1721m to soft land HPWHH in LPWHH - 340mm (13-3/8") casing shoe at 1735.9m. Confirmed land with ROV. Commenced circulating 110% casing volume.
3:00	3:30	0.50	S-CSG	WLHEAD	PP		Set down casing string weight to confirm land - OK. Conducted 22.7MT (50klbs) overpull test under Vetco instructions to confirm latched - OK. Checked bullseye readings with ROV after landing casing: Port Bullseye - 0.5° Aft, Fwd Bullseye - 0.75° Aft.
3:30	4:00	0.50	S-CSG	CIRC	PP		Completed circulating 110% casing volume at 2.30m³/min (610gpm) and 2,896kPa (420psi). Held JSA for cement job while circulating.
4:00	6:00	2.00	S-CSG	CMT	PP		Rigged up surface lines and lined up to Dowell. Pumped 0.80m³ (5bbls) seawater and pressure tested surface lines to 27,580kPa (4000psi) for 5 minutes - OK. Weatherford dropped bottom dart. Pumped 5.57m³ (35bbls) seawater fluoescence spacer - no clear indication of bottom plug launching. Mixed and pumped 56.45m³ (355bbls) 1.5SG (12.5ppg) G cement lead slurry. Mixed and pumped 12.72m³ (80bbls) 1.9SG (15.8ppg) G cement tail slurry. Good returns to seabed throughout job.
6:00	7:30	1.50	S-CSG	CMT	PP		Weatherford dropped top dart. Displaced 6.36m³ (40bbls) seawater with Dowell. Clear indication at surface of top plug launching after 4.77m³ (30bbls) seawater pumped with 3,930kPa (570psi) pressure increase over displacement pressure. Switched over to rig pumps and displaced cement with 93.89 m³ (590.5bbls) seawater at 2.27m³/min (600gpm) - Plug did not bump. Good returns to seabed throughout displacement.
7:30	8:00	0.50	S-CSG	RU_RD	PP		Rigged down surface lines. Released 476mm (18-3/4") CART with Vetco instructions. ROV observed same at PGB.
8:00	8:30	0.50	S-CSG	TRIP	PP		POH and laid out Weatherford cement head to pipe deck.
8:30	9:30	1.00	S-CSG	TRIP	PP		POH 127mm (5") DP landing string to surface. Racked back same in derrick.
9:30	10:30	1.00	S-CSG	RU_RD	PP		Service broke and laid out Weatherford plug basket, 476mm (18-3/4") CART and 127mm (5") pup joints.
10:30	12:30	2.00	S-NUP	RU_RD	PP		Held JSA. Rigged up marine riser handling equipment. Offline: Skidded rig off location.
12:30	13:00	0.50	S-NUP	RISER	PP		Picked up two joints of marine riser and made up same. Made up BOP termination spool.
13:00	17:00	4.00	S-NUP	BOPS	PP		Skidded BOP/LMRP under rotary. Installed guidelines and made up termination spool to stack. RIH BOP through splash zone to 32m.

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OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
17:00	18:00	1.00	S-CSG	PRESS	PP		Pressure tested choke and kill lines to 1,724kPa (250psi) Low for 5 minutes and 34,475kPa (5000psi) High for 10 minutes - OK.
18:00	0:00	6.00	S-CSG	RISER	PP		RIH BOP on marine riser from 32m to 245m. Ave running speed 2.3 joints/hr. Installed podline clamps every third joint.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00 - 01:00hrs: Continued to RIH BOP on marine riser from 245 to 275m. Ave running speed 2 joints/hr.
 01:00 - 01:30hrs: Pressure tested choke and kill lines to 1,724kPa (250psi) Low for 5 minutes and 34,475kPa (5000psi) High for 10 minutes - OK.
 01:30 - 06:00hrs: RIH BOP on marine riser from 275m to 397m. Ave running speed 1.8 joints/hr.

HSE: No accidents, incidents or pollution reported.
 Total Stop cards - 71 (26 unsafe, 45 safe). JSA - 35, PTW - 11.

CASING

S/T	DESCRIPTION	SIZE	WEIGHT	GRADE	SETTING DEPTH
OH	SURFACE	340.00	178.58	X 56	1,735.93
OH	CONDUCTOR	762.00			573.00

MUD PUMPS/HYDRAULICS

SPR

	STROKE	SPM	LINER	FLOW	SPP:	SPM	PPSR
# 1	304.80	69	152.40	1128			
# 2	304.80	74	152.40	1210			
# 3	304.80						

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
DODI	57		DOWELL	2	
WEST ENGINEERING	1		BHI	4	
KEMTECH	2		VETCO	1	
SUBSEA 7	6		APACHE	4	
BJ TRS	1		ANADRILL	5	

TOTAL PERSONNEL ON BOARD: 83

SUPPORT CRAFT

TYPE	REMARKS
HELICOPTER	JYN (Pax On - 2, Pax Off - 6).
FAR SKY	On Location.
SWISSCO 168	On Location.
YARABAH	On Location.
FAR GRIP	Geelong.

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		84	BENTONITE	MT		26
CEMENT	MT	49	39	DIESEL	m3	11	341
WATER, POTABLE	m3	25	337	WATER, DRILLING	m3	42	300

WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
00:00	/ /220.00/3	3.00/70.00/12	/	16.0/220.00	

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DECKLOG

MAX VDL	ACT VDL	AVG VDL	LEG PEN (BOW)	LEG PEN (PORT)	LEG PEN (S BOARD)
2560	1831	1831			

SAFETY DRILLS

RAMS (kPa)	ANNULARS (kPa)	CASING	LAST BOP DRILL	NEXT BOP PRESS TEST	FIRE DRILL	H2S DRILL	MAN OVERBRD	ABND. DRILL
21-12-2008	21-12-2008				21-12-2008			21-12-2008

INCIDENT REPORT

INCIDENTS TYPE NONE LOST TIME? NO INCIDENTS DESCRIPTION

ANCHOR TENSION DATA

ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION	ANCHOR NO	CURRENT TENSION
1	188	2	186	3	206
4	180	5	161	6	186
7	206	8	191	9	
10		11		12	

MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
CIRCAL 60/16	25.00 kg		0.00	100.00
KWIKSEAL (M)	40.00 lbs		0.00	72.00
SAPP	25.00 kg		0.00	40.00
GUAR GUM	25.00 kg		0.00	15.00
LIME	25.00 kg		0.00	37.00
POLYSAI	25.00 kg		0.00	74.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	62.00
CITRIC ACID	25.00 kg		0.00	117.00
BENTONITE	1.00 MT		0.00	24.00
NUT PLUG	50.00 lbs		0.00	28.00
DEFOAM A	5.00 gal		0.00	18.00
POLYPLUS	25.00 kg		0.00	24.00
CAUSTIC SODA - NaOH	25.00 kg		0.00	17.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	12.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	0.00
DRISPAC SL	50.00 lbs		0.00	120.00
CIRCAL Y	25.00 kg		0.00	96.00
SAFE-CIDE	25.00 l		0.00	5.00
BARITE (bulk)	1.00 MT		0.00	83.00
SOLTEX	50.00 lbs		0.00	159.00
KWIKSEAL (F)	40.00 lbs		0.00	36.00
FLOWZAN	25.00 kg		0.00	148.00
CIRCAL 1000	25.00 kg		0.00	96.00
OMYACARB 10	25.00 kg		0.00	0.00
CALCIUM CHLORIDE 74-77%	25.00 kg		0.00	69.00