

Daily Drilling Report

WELL NAME ELVER-1						DATE 31-12-2008			
API # OH		24 HRS PROG 0.00 (m)		TMD 3,248.90 (m)		TVD 2,497.93 (m)		REPT NO 14	
RIG NAME NO OCEAN PATRIOT		FIELD NAME ELVER		AUTH TMD	PLANNED DOW 36.40 (days)		DOL 13.79 (days)	DFS / KO 11.27 (days)	WATER DEPTH 504.90 (m)
SPUD DATE 21-12-2008	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 # 09408EF5		AFE COSTS			DAILY COSTS			CUMULATIVE COSTS	
DESCRIPTION: Directional Exploration Well		DHC: 38,786,601			DHC: 1,010,365			DHC: 16,485,951	
		DCC:			DCC:			DCC:	
		CWC:			CWC:			CWC:	
		Others:			Others:			Others:	
		TOTAL: 38,786,601			TOTAL: 1,010,365			TOTAL: 16,485,951	

DEFAULT DATUM / ELEVATION WELL / 21.50 (m)		LAST SAFETY MEETING 31/12/2008	BLOCK VIC-P59		FORMATION		BHA HRS OF SERVICE	
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LAST SURVEY				LAST CSG SHOE TEST (EMW)		LAST CASING		NEXT CASING	
MD	5,476.70 (m)	INC	29.00°	AZM	191.24°	1.32 (sg)		340.000 mm @ 1,735.9 m	
						244.000 mm @ 3,243.9 m			

CURRENT OPERATIONS: Pressure testing replacement kelly hose in derrick.

24 HR SUMMARY: RIH and landed 244mm (9-5/8") casing. Circulated and cemented same. Set seal assembly and pressure tested same. Function tested BOP. L/O cement head and POH. L/O PADPRT. Slip and cut drilling line.

24 HR FORECAST: Run wear bushing. M/U and RIH 216mm (8-1/2") BHA. Drill out and conduct LOT. Drill 216mm (8-1/2") hole.

OPERATION SUMMARY

From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
0:00	5:00	5.00	INT-CSG	CSG	PP		RIH 244mm (9-5/8") casing from 523m to 1724m. Ave running speed 19 joints/hr. Recorded drag before entering open hole - 118MT (260kibs) Up, 100MT (220kibs) Down. Broke circulation at 340mm (13-3/8") shoe and function tested BJ fill-up tool - OK: 1.57m³/min (415gpm) and 4,275kPa (620psi).
5:00	9:30	4.50	INT-CSG	CSG	PP		RIH 244mm (9-5/8") casing from 1724m to 2730m. Ave running speed 17.7 joints/hr.
9:30	11:00	1.50	INT-CSG	RU_RD	PP		Rigged down casing handling equipment and FMS. Rigged up 127mm (5") DP handling equipment and picked up pre-assembled PADPRT / casing hanger assembly. Note: 340mm (13-3/8") dummy hanger made up below 244mm (9-5/8") hanger.
11:00	13:30	2.50	INT-CSG	TRIP	PP		RIH 244mm (9-5/8") casing on 127mm (5") DP landing string from 2730m to land out hanger in HPWHH (shoe at 3243.9m). Note: Washed down last stand prior to landing. Set down 4.5MT (10kibs) over string weight to confirmed landed.
13:30	14:00	0.50	INT-CSG	CIRC	PP		Circulated 110% casing volume at 2.08m³/min (550gpm) and 5,516kPa (800psi). Offline: Held JSA for cement job while circulating.
14:00	15:30	1.50	INT-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 4.93m³ (31bbls) seawater - 7,391kPa (1072psi) pressure increase at surface indicating bottom plug launched. Mixed and pumped 15.26m³ (96bbls) 1.5SG (12.5ppg) G cement lead slurry. Mixed and pumped 4.39m³ (27.6bbls) 1.9SG (15.8ppg) G cement tail slurry. Full returns throughout job.
15:30	17:00	1.50	INT-CSG	CMT	PP		Weatherford dropped top dart. Displaced 6.36m³ (40bbls) seawater with Dowell. Clear indication at surface of top plug launching after 4.93m³ (31bbls) seawater pumped with 14,962kPa (2170psi) pressure increase over displacement pressure. Switched over to rig pumps and displaced cement with 1.17SG (9.8ppg) WBM at 1.78m³/min (470gpm) and 4,689kPa (680psi). Slowed displacement rate to 0.49m³/min (130gpm) and 3,172kPa (460psi) and bumped plug after 102.36m³ (643.8bbls) pumped. CIP at 16:47hrs. Full returns throughout displacement.
17:00	17:30	0.50	INT-CSG	PRESS	PP		Pressure tested casing with Dowell to 24,133kPa (3500psi) for 10 minutes - OK. Rigged down surface lines. Bled back and checked floats holding - OK.
17:30	18:30	1.00	INT-CSG	WLHEAD	PP		Rotated landing string 4.5 turns and set seal assembly with Vetco instructions. Shut-in well on MPR's and increased pressure to 20,685kPa (3000psi) to assist set. Opened MPR's and confirmed locked with 45.4MT (100kibs) overpull. Closed UPR's and pressure tested seal assembly to 24,133kPa (3500psi) for 10 minutes - OK.
18:30	19:30	1.00	INT-CSG	BOPS	PP		Function tested upper and lower annulars, UPR's and MPR's on both pods - OK. Note: Unable to test LPR's due to height of PADPRT impeding space-out. Function test on LPR's will be carried out on both pods once 127mm (5") DP is across stack when RIH BHA.
19:30	22:00	2.50	INT-CSG	WLHEAD	PP		Rotated landing string 4.5 turns and released PADPRT with Vetco instructions. Laid out

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From	To	HRS	Phase	Operation	PT/NPT	NPT CODES	ACTIVITY SUMMARY
22:00	22:30	0.50	INT-CSG	CMT	PP		cement head and 127mm (5") DP single to pipe deck. POH 127mm (5") landing string from 522m to surface. Laid out PDPRT to pipe deck.
22:30	0:00	1.50	P-DRL	CUTDL	PP		Picked up cement head. Broke off 127mm (5") DP single and laid out. Broke out TIW valves from above and below cement head. Flushed cement head and laid out to pipe deck.
							Held JSA. Slipped and cut 33.5m (110ft) drilling line.

24.00 = Total Hours Today

06:00 UPDATE

0000-0600 00:00 - 00:30hrs: Completed slip and cut.
 00:30 - 01:30hrs: Serviced TDS and changed out casing bails to drilling bails. Commenced rigging up to change kelly hoses offline.
 01:30 - 06:00hrs: Removed SP1 kelly hose from TDS. Made up SP2 kelly hose to TDS swivel packing goosneck. Completed rigging up chain-falls over SP2 goosneck. Broke hammer union and inserted pressure gauge T-piece. Made up SP2 kelly hose to T-piece and confirmed line up through standpipe manifold. Attached pressure gauge electric leads and checked same - OK. Rigged up surface lines to cement manifold and pressure tested SP2 kelly hose to 2,069 (300psi) Low and 34,475kPa (5000psi) High with Dowell - OK. Rigged down surface lines.

HSE: No accidents, incidents or pollution reported.
 Total Stop cards - 49 (15 unsafe, 34 safe). JSA - 35, PTW - 8.

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
OH	INTERMEDIATE 1	244.00	69.94	X 56	3,243.90

MUD PUMPS/HYDRAULICS

SPR

	STROKE	SPM	LINER	FLOW	SPP:		SPM	PPSR
# 1	304.80							
# 2	304.80	97	152.40	1586				
# 3	304.80							

PERSONNEL DATA

COMPANY	QTY	HRS	COMPANY	QTY	HRS
KEMTECH	2		DOWELL	3	
APACHE	5		VETCO	1	
SUBSEA 7	3		BJ TRS	4	
BRANDT	1		DODI	59	
ANADRILL	5		WEATHERFORD	1	
BHI	6		WEST ENGINEERING	2	

TOTAL PERSONNEL ON BOARD: 92

SUPPORT CRAFT

TYPE	REMARKS
HELICOPTER	JYN (Pax On - 4, Pax Off - 0).
HELICOPTER	JYN (Pax On - 8, Pax Off - 8).
FAR SKY	On Location.
SWISSCO 168	On Location.
YARABAH	Enroute to Geelong.
FAR GRIP	Enroute to Rig.

MATERIALS/CONSUMPTION

ITEM	UNITS	USAGE	ON HAND	ITEM	UNITS	USAGE	ON HAND
BARITE BULK	MT		103	BENTONITE	MT		26
CEMENT	MT	17	16	DIESEL	m3	19	356
WATER, POTABLE	m3	23	384	WATER, DRILLING	m3	94	204

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WEATHER

TIME	SWELL HT/DIR/PER	WAVE HT/DIR/PER	WIND SPEED/DIR	GUST SPEED/DIR	TEMP
00:00	/ /310.00/3	3.00/230.00/12	/	26.7/310.00	

DECKLOG

MAX VDL	ACT VDL	AVG VDL	LEG PEN (BOW)	LEG PEN (PORT)	LEG PEN (S BOARD)
2560	1887	1887			

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	22-12-2008	05-01-2009	28-12-2008			28-12-2008

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	167	2	171	3	189
4	171	5	155	6	166
7	202	8	181	9	
10		11		12	

MUD INVENTORY

ITEM	UNIT	USAGE	Day Cost (\$)	ON HAND
STAR GLIDE	55.00 gal		0.00	4.00
BENTONITE	1.00 MT		0.00	24.00
KCL BRINE (1.15SG)	1.00 bbl		0.00	308.00
SODA ASH- SOD.CARBONATE-Na2CO3	25.00 kg		0.00	10.00
SAPP	25.00 kg		0.00	35.00
POLYSAI	25.00 kg		0.00	74.00
BARITE (bulk)	1.00 MT		0.00	104.00
SODIUM BICARBONATE - NaHCO3	25.00 kg		0.00	50.00
SAFE-CIDE	25.00 l		0.00	18.00
DRISPAC SL	50.00 lbs		0.00	190.00
LIME	25.00 kg		0.00	0.00
CIRCAL Y	25.00 kg		0.00	96.00
GUAR GUM	25.00 kg		0.00	0.00
OMYACARB 10	25.00 kg		0.00	0.00
KCL (1.0 MT)	1.00 MT		0.00	8.00
SOLTEX	50.00 lbs		0.00	280.00
KLA STOP	55.00 gal		0.00	16.00
NUT PLUG	50.00 lbs		0.00	14.00
CITRIC ACID	25.00 kg		0.00	116.00
POLYPLUS	25.00 kg		0.00	19.00
KWIKSEAL (F)	40.00 lbs		0.00	72.00
CIRCAL 1000	25.00 kg		0.00	96.00
CALCIUM CHLORIDE 74-77%	25.00 kg		0.00	69.00
CAUSTIC SODA - NaOH	25.00 kg		0.00	17.00
STAR GLIDE	208.00 l		0.00	20.00
KWIKSEAL (M)	40.00 lbs		0.00	108.00
CIRCAL 60/16	25.00 kg		0.00	388.00
FLOWZAN	25.00 kg		0.00	219.00
DEFOAM A	5.00 gal		0.00	13.00