APACHE CORPORATION

Daily Drilling Report

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	АМЕ 2-1															DATE 24-1	፤ 2-2008
API #	ELVER-1 API # 24 HRS PROG			т	MD					TVD							
OH		0.00 (m)						,741.70 (m)				1 VD 1,741.70 (m)				REPT NO	
RIG NAME	NO			FIELD NAM	ИF	١,	141.70 (DOL		DFS / KO		WATER DEPTH
OCEAN P				ELVER							36.40 (da		6.79 (days)		4.27 (days)		504.90 (m)
SPUD DA	TE	Rig Relea	se	WELL	SUPERVIS	OR						OIM					PBTMD
21-12-200	8			IVAN	PARKHUR	ST / DAVID S	YMINGTO	N				DENNI	6 GORE				
REGION				DISTR	ИСТ		STATE / PROV				RIG PI			PHONE NO RIG FAX		RIG FAX NO	
AUSTRAL	IA			OFFSI	HORE		VICTORIA			(08)			08) 9338 5640				
AFE # 094	08EF5			AF	E COSTS			DAILY COSTS				CUMULATIVE				TS	
DESCRIP						38,786,601	DHC: 923,113					DHC:	8,819,83	32			
Directiona	l Explorati	on well			C: VC:					DCC:				DCC: CWC:			
					hers:			CWC: Others:						Others:			
				тс	DTAL: 3	38,786,601			Т	TOTAL:	923,113			TOTAL:	: 8,819,83	32	
DEFAULT NELL / 21		ELEVATIO	DN		LAST SAF 24/12/200	ETY MEETIN	-	оск С-Р59				FORMA	FION GOLDEN BEACH	ł		BHA	HRS OF SERVI
AST SUR	()									LAST	CASING NEXT CA				SING		
MD	1,741	.00 (m)	INC 5	1.90°	AZM	191.50°	(sg)				762.00	0 mm @ 57	'3.0 m	339	9.720 mm @	m @ 1,735.9 m	
	OPERATI	ONS: RIH	BOP on ma	arine riser													
24 HR SUI 24 HR FOF		CART a	nd POH lar	iding string	. R/U riser	7mm (5") DP I handling equi and wellhead	pment an connector	d comm against	menced ru t BSR's. F	unning BC P/U and R)P on mai IH 311mm	ine riser.	culated and cem	ented cas	sing. Releas	sed	
						-	OPE	RATIO	ON SL	JMMAF	۲Y						
From	То	HRS	Phase	Ор	eration	PT/NPT	NPT C	ODES					ACTIVITY SUM	MARY			
0:00	1:00	1.00	S-CSG	RI	U_RD	PP		6	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	0.00	4.50	0.000	-				e 1	equipmer 127mm (nt from dri 5") DP sin	ill floor. R	igged up 12 m pup joint	27mm (5") hydrau for landing string	ulic elevat space ou	tors and pick ut.		
1:00	2:30	1.50	S-CSG	1	rrip	PP		e 1 F 1	equipmer 127mm (RIH 340n 1721m. /	nt from dri 5") DP sin mm (13-3/	ill floor. R ngle and 3 8") casing ng speed	igged up 12 m pup joint I string on 1	27mm (5") hydrai	ulic elevat space ou nding strii	tors and pick ut. ng from 120)1m to	
1:00 2:30	2:30 3:00	1.50	S-CSG S-CSG		(RIP)	PP		e 1 F 1 6 F t	equipmer 127mm (RIH 340n 1721m. / 67mm (2- Picked up to soft lar	nt from dri 5") DP sin mm (13-3/ Ave runnii -5/8") rabl p cement nd HPWH	ill floor. R ngle and 3 8") casing ng speed bit. head star H in LPW	igged up 12 m pup joint I string on 1 347m/hr. E d from derr HH - 340m	27mm (5") hydrau for landing string 27mm (5") DP la	ulic elevati g space ou nding strin string tub DS and wa g shoe at	tors and pick ut. ng from 120 pulars prior to ashed down)1m to to RIH from 1	with
				RM				e 1 F 1 E F t t k t t	equipmer 127mm (§ RIH 340n 1721m. 7 67mm (2- Picked up to soft lar land with Set down test unde	nt from dri 5") DP sin mm (13-3/ Ave runnin -5/8") rabl p cement nd HPWH ROV. Co n casing st er Vetco in	ill floor. R ngle and 3 8") casing ng speed bit. head star H in LPW pommence tring weig structions	igged up 13 m pup joint a string on 1 347m/hr. E d from derr HH - 340m d circulating ht to confirm a to confirm	27mm (5") hydrau for landing string 27mm (5") DP la Drifted all landing ick. Made up TE n (13-3/8") casin	ulic elevati o space ou inding string tub DS and wa g shoe at plume. inducted 22 necked bu	ors and pick ut. ng from 120 oulars prior t ashed down 1735.9m. (2.7MT (50kl ullseye read)1m to o RIH from 1 Confirr lbs) ov	with 1721m ned erpull
2:30	3:00 3:30 4:00	0.50	S-CSG S-CSG S-CSG	RM WL	IWASH .HEAD CIRC	PP PP PP		e 1 F 1 E F t t t t t C C	equipmer 127mm (! RIH 340n 1721m. / 67mm (2- Picked up to soft lar land with Set down test unde ROV afte Complete	nt from dri 5") DP sin mm (13-3/ Ave runnin -5/8") rabl p cement nd HPWH ROV. Co n casing sl er Vetco in er landing ed circulat	ill floor. R agle and 3 agle and 3 8") casing speed bit. head star H in LPW bommence tring weig structions casing: F ing 110%	igged up 12 m pup joint string on 1 347m/hr. E d from derr HH - 340m d circulating ht to confirm to confirm tort Bullsey casing volu	27mm (5") hydrau for landing string 27mm (5") DP la prifted all landing ick. Made up TE n (13-3/8") casin I 110% casing vo n land - OK. Cor latched - OK. Cl	ulic elevati g space ou inding striin string tub DS and wa g shoe at olume. inducted 22 hecked bu Bullseye -	ors and pick ut. ng from 120 uulars prior t ashed down 1735.9m. (2.7MT (50kl ullseye read • 0.75° Aft.)1m to o RIH from 1 Confirr (bs) ov ings w	with 1721m ned erpull
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2:30 3:00 3:30 4:00 6:00 6:00 7:30 8:00 8:30 9:30	3:00 3:30 4:00 6:00 7:30 8:00 8:30 9:30 10:30	0.50 0.50 2.00 1.50 0.50 0.50 1.00	S-CSG S-CSG S-CSG S-CSG S-CSG S-CSG S-CSG S-CSG		IWASH HEAD CIRC CMT CMT CMT CMT CMT CMT CMT CMT CMT CM	PP PP PP PP PP PP PP PP PP		E F F F F S ()	equipmer 127mm (§ RIH 340n 1721m. / 67mm (2- Picked up to soft lar land with Set down test unde ROV afte Complete (420psi). Rigged up pressure dropped I indication 3,930kPa pumps ar Plug did r Rigged di ROV abs POH 127 Service b (5") pup j Held JSA Offline: S	nt from dri 5") DP sin mm (13-3/ Ave runnii -5/8") rabl p cement nd HPWH ROV. Cc n casing sl er Vetco in er landing ed circulat Held JS/ p surface tested su bottom da o fo bottom) G cemer ail slurry. ford droppn n at surface a (570psi) nd displac not bump. down surfa served sar d laid out V Tmm (5") E proke and joints. A. Rigged Skidded rig	ill floor. R agle and 3 and 3	igged up 12 m pup joint i string on 1 347m/hr. E 4 from derri HH - 340mi d circulating ht to confirm to confir	27mm (5") hydrau for landing string 27mm (5") DP la brifted all landing lick. Made up TE n (13-3/8") casin (110% casing vc n land - OK. Cor latched - OK. Cl e - 0.5° Aft, Fwd e circulating. Dowell. Pumped circulating. Dowell. Pumped and pumped 12. bed throughout jo ed 6.36m ³ (40bbl ng after 4.77m ³ (3 ver displacement 9 m ³ (590.5bbls) abed throughout 76mm (18-3/4") nead to pipe decl urface. Racked I plug basket, 476	ulic elevati g space ou inding striin string tub IS and wa g shoe at ilume. Iducted 22 necked bu Bullseye - in (610gpr d 0.80m ³ (5 minutes r fluoresca 56.45m ³ (80t bb. s) seawate 30bbls) se pressure. seawater displacem CART wit c.	ors and pick ut. ng from 120 pulars prior t ashed down 1735.9m. (2.7MT (50kl ullseye read 0.75° Aft. m) and 2,89 (55bbls) seaw s - O.K. We. (355bbls) 1.9SG ere with Dow eawater pun . Switched (at 2.27m³/n hent. th Vetco ins e in derrick. 3/4") CART a	11m to o RIH from 1 Confirr lbs) ov ings w l6kPa vater a atherfor - no cl 5SG (15.8p (15.8p vell. C nped w over to nin (60 truction and 12	with I721m ned erpull ith ord ear opg) G lear vith o rig 00gpm) - ns.

APACHE CORPORATION

Daily Drilling Report

						Daily D		L						
WELL N	NAME											DA	TE	
ELVE	R-1											24-12-2008		
API # 24 HRS PROG						TMD		TVD)			REPT NO		
ОН			0.00 (m)			1,741.70 (m)		1,74	41.70 (m)			7		
						OPERAT	ION SUMMARY							
From	То	HRS	Phase	Operation	PT/NP	T NPT CODES			ACTIVI	TY SUMMAR	RY			
17:00	18:00	1.00	S-CSG	PRESS	PP		Pressure tested choke	and kill lin	ies to 1,724kPa	(250psi) Lov	w for 5 minu	utes and		
10.00	0.00	0.00	0.000	DIOED			34,475kPa (5000psi) H	•		·				
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	4.00 = Total Hou	urs Today										
						06:0	0 UPDATE							
000-060	0													
	01: 01: HS	00 - 01:3 30 - 06:0 E: No ac	0hrs: Pressure 0hrs: RIH BOP ccidents, incider	tested choke and on marine riser f	l kill lines to rom 275m ⁻ ported.	o 1,724kPa (250psi to 397m. Ave runn	 Ave running speed 2) Low for 5 minutes and ing speed 1.8 joints/hr. 		a (5000psi) Hig	h for 10 minu	utes - OK.			
	Tot	al Stop c	ards - 71 (26 ur	nsafe, 45 safe). J	SA - 35, P		CASING							
S/	т		DESCR			SIZE	NEIGHT		GRADE	RADE		SETTING DEPTH		
OF	OH SURI			ACE		340.00		178.58		X 56		1,735.93		
OF			CONDL			762.00						573.00		
			MUD P	UMPS/HYD	RAULI	CS				:	SPR			
	STROKE SPM LINER					OW SPP:	SP	SPM PPS		PPSR				
#1				152.40		128								
#2 #3	304.80 304.80		74	152.40	12	210								
#3	304.60				1	PERS	ONNEL DATA		I					
OMPAN	Y				QTY	HRS COMPANY QTY							HRS	
DODI					57	DOWELL 2					2			
VEST EI KEMTEC		G			1	BHI VETCO					4			
SUBSEA					2 6						1			
BJ TRS					1									
											TOTAI	PERSO	NNEL ON BOARD:	
						SUPP	ORT CRAFT							
	T	/PE						REMARK	S					
IELICOF				JYN (Pax On -	2, Pax Off	- 6).								
AR SKY				On Location. On Location.										
ARABA				On Location.										
AR GRI				Geelong.										
						MATERIAL	S/CONSUMPTIC	ON						
ITEM UNITS		USA	USAGE		ITEM		UNITS		USAGE		ON HAND			
BARITE BULK		MT			84	BENTONIT	E	MT				26		
CEMENT MT		MT	49	49		DIESEL		m3		11		341		
WATER, POTABLE m3		25	25		WATER, DRIL	R, DRILLING		m3			300			
		ı				N	/EATHER	1				1		
	TIME SWELL HT/DIR/PER					WAVE HT/DIR/PER	ED/DIR	D/DIR GUST SPEED/DIR			TEMP			
	TIME		HT	DIR/PER			/		16.0/220.00					

Page 2 of 3

		A	APACHE C	ORPORATIO	N				Page 3 of 3			
			-	lling Repor								
								DATE				
								24-12-2	800			
	24 HRS PROG	TMD)		TVD			REPT NO				
	0.00 (m)	1,74	1.70 (m)		1,741.7) (m)		7				
			DEC	CKLOG								
-	ACT VDL	AVO	G VDL	LEG PEN	I (BOW)	LEG PEN	(PORT)	LEG PEN (S	BOARD)			
	1831	18	831									
	SAFETY DRILLS											
	ANNULARS	CASI	ING	LAST BOP	NEXT BOP	FIRE	H2S DRILL	MAN	ABND.			

DRILL

INCIDENT REPORT

ANCHOR TENSION DATA

INCIDENTS DESCRIPTION

PRESS TEST

DRILL

21-12-2008

WELL NAME ELVER-1

MAX VDL

2560

RAMS

(kPa)

21-12-2008

INCIDENTS TYPE NONE

(kPa)

21-12-2008

LOST TIME? NO

API # OH

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 9 206 8 191 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 25.00 kg SODIUM BICARBONATE - NaHCO3 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 0.00 24.00 25.00 kg CAUSTIC SODA - NaOH 0.00 17.00 25.00 kg 0.00 12.00 SODA ASH-25.00 kg SOD.CARBONATE-Na2CO3 KCL BRINE (1.15SG) 1.00 bbl 0.00 0.00 DRISPAC SL 0.00 120.00 50.00 lbs CIRCAL Y 25.00 kg 0.00 96.00 SAFE-CIDE 25.00 I 0.00 5.00 BARITE (bulk) 1.00 MT 0.00 83.00 50.00 lbs 0.00 159.00 SOLTEX 0.00 KWIKSEAL (F) 40.00 lbs 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

DRILL

21-12-2008

OVERBRD