



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST
 PERMIT: PEP 168
 RIG: ADS Rig 6

DATE: 29/05/08
 REPORT No. DDR 34
 D.F.S. 34

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS		
DENSITY(SG)	9.25	Bio-3		gpm	uf	hrs	ACCIDENT FREE DAYS	336
VISCOSITY(Secs)	43	Gel-0	DESILTER			23	LAST BOP DRILL	26/5/08
pH	9.0	Kcl-20	DESANDER				LAST FIRE DRILL	
PV/YP	11/22	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL	
GELS 10/10	4/9	Phpa-0	CENTRIFUGE 2				LAST BOP TEST	
WL API (cc/30min)	6.5	Xan-2					BOP TEST DUE	30/5/08
WL HTHP(cc/30min)	0	So/Su-0	SHAKERS	2		23	FORMATION DATA	
CAKE(mm)	1	Pac-R-2	SCREENS	4/52-4/154			DEPTH	
SOLIDS %	5.4	Caustic-1	PUMPS	1	2	3	TRIP GAS (%)	
SAND %	0.25	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)	
CHLORIDES(mg/l)	31500	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)	
KCL %	2.7	Citric-0	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)	
MBT	12.5	Salt- 48	SPM	64	0		ECD (ppg)	
TEMP °C		SodaAsh-0	GPM	357	0		LITHOLOGY	
HOLE VOL(bbl)	550	Fracseal-0	SPP ~ psi	800	0		TIME ANALYSIS	
SURF VOL(bbl)	370		AV-DP(m/min)	164				HRS
LOSSES(bbl/hr)			AV-DC(m/min)	247				CUM.
MUD Co	RMR		SCR - spm	27/150psi			1. MOVE RIG	
MUD TYPE	KCL/PHPA		SCR - spm	36/335psi			2. RIG UP	27.0
BIT DATA			BHA DETAILS			BHA No.		
BIT No.	8 RR 2	7	TOOL			OD (in)	Length (m)	
SIZE (in)	8.5	8.5	SEC. BIT			8 1/2	0.24	
TYPE	Sec FS2565	STEALTH S36	BIT SUB TOTCO RING			6 1/4	0.91	
IADC CODE	S 424	S233	SCHLUM MONEL			6 1/2	8.42	
SERIAL No.	5013339 T01	S11778B TOI	61/4 DC			6 1/4	8.86	
NOZZLES(mm)	3/12-2/16	3 X 16	USED STRING STAB			61/4 X 8 3/8	1.54	
DEPTH IN (m)	1549	1618	9 X DC'S			61/4	81.12	
DEPTH OUT (m)	2305	2074	BICO JAR			30 1/2	9.75	
DRILLED (m. cum)	300	456	3 X DC'S			15 1/4	27.13	
HOURS (cum.)	52.5	51.5	4 X HWDP			6.25 X 4.25	36.13	
GRADE	2-2-na-a-x-er-td	1-1-no-a-x-1-er-fig						
AVGE ROP (m/hr)	5.7	8.8						
WOB (mt)	2-12	2-10						
RPM	80-120	100 -120						
JET VEL (m/sec)	148	182	BHA LENGTH (m)			174.10		
HHP @ BIT	36	54	BHA WEIGHT (Klbf)			38		
			STRING WEIGHT (Klbf)			163		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS			
ST-19	2144	4	353	2,139	SS final survey			
ST-14	1525	9.5	50	1524	SS			
ST-15	1609	9.5	55		SS			
ST-16	1762	~	~		Missrun			
ST-17	1896	3.75	43		SS			
ST-18	2049	5.25	12		SS			
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	830.0
			DRAG - UP (Klbf)			5-10		
			DRAG - DOWN (Klbf)			5		
BICO JAR	DJ001	139.5	TORQUE-On Bottom (Kft.lb)			n/a		
MONEL	K779	139.5	TORQUE-Off Bottom (Kft.lb)			n/a		
USED S STAB	T 2264	214.0						
WEATHER	WEATHER STATE		RAINFALL (mm)	TEMP.(°C)	VISIBILITY (km)		WIND SPEED(kts)	OTHER
	clear			3-15	clear		0-5	cool
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL	
	84	500					4,400	
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS		
OPERATOR	2		TRUCKS	LOAD	HOURS			
DRILLING CONTRACTOR	16		1	Schl drill tool	0.5			
SERVICE COMPANYS						Forklift down 18/5-repaired		
Mud Logging Crew			3			No 2 pump down 21/5		
Mud Engineer			1			No 2 shaker down 26/5 - repaired		
Cementers			2			Spare mud pump on site 29/5 - not connected to system		
Electric Logging Crew			3					
DST Crew								
OTHERS								
TOTAL			27					
SUPERVISOR	L.Devattimo		ENGINEER	GR	RIG MANAGER	S.Kinnearly		