



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST	DATE: 20/05/08
PERMIT: PEP 168	REPORT No.: DDR 25
RIG: ADS Rig 6	D.F.S.: 25

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	9.1	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	329	
VISCOSITY(Secs)	46	GeI-0	DESILTER				LAST BOP DRILL	20/5/08	
pH	9	Kcl-21	DESANDER				LAST FIRE DRILL		
PV/YP	20/26	CaCo3-24	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	1/3	Phpa-0	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)	6.5	Xan-3					BOP TEST DUE	30/5/08	
WL HTHP(cc/30min)	0	So/Su-1	SHAKERS	2		24	FORMATION DATA		
CAKE(mm)	1	Pac-R-6	SCREENS	4/52-4/154			DEPTH		
SOLIDS %	4.2	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)		
SAND %	.5	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	36000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	3.3	Citric-	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	10	Salt- 0	SPM	47	56		ECD (ppg)		
TEMP °C	38		GPM	134	263	400	LITHOLOGY		
HOLE VOL(bbl)	341		SPP ~ psi	650	0		TIME ANALYSIS		
SURF VOL(bbl)	420		AV-DP(m/min)	179				HRS	CUM.
LOSSES(bbl/hr)			AV-DC(m/min)	280			1. MOVE RIG		
MUD Co	RMR		SCR - spm	25/150psi	55/180psi		2. RIG UP		27.0
MUD TYPE	KCL/PHPA		SCR - spm	40/240psi	65/260psi		3. DRILLING		184.0
BIT DATA			BHA DETAILS		BHA No.				
BIT No.	6	RR5	TOOL		OD (in)	Length (m)			
SIZE (in)	8.5	8.5	BIT		8 1/2	0.30			
TYPE	PDC	EQCIS	USED N/B STAB FLOAT		0.73	0.73			
IADC CODE		117	BIT SUB TOTCO RING		6 1/4	0.91			
SERIAL No.		10998868	SCHLUM MONEL		6 1/4	8.42			
NOZZLES(mm)	3 X 12, 2x16	3 X 14	USED STRING STAB		61/4 X 8 3/8	1.54			
DEPTH IN (m)	1549	1363	10 X DC'S		61/4	89.98			
DEPTH OUT (m)		1549	BICO JAR		30 1/2	9.75			
DRILLED (m. cum)		186	3 X DC'S		15 1/4	27.13			
HOURS (cum.)		46.5	4 X HWDP		6.25 X 4.25	36.13			
GRADE		2-2-SS-M-1E-I-0-BHA							
AVGE ROP (m/hr)		4.0							
WOB (mt)		2-10							
RPM		140							
JET VEL (m/sec)		270	BHA LENGTH (m)			174.89			
HHP @ BIT		133	BHA WEIGHT (Klbf)			43400			
			STRING WEIGHT (Klbf)			110			
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS				
ST-13	1505	7.25	45	1,505	SS				
ST-14	1525	9.5	50	1524	SS				
ST-9	1437	6.25	43	1,437	SS				
ST-10	1447	6.5	47	1,447	SS				
ST-11	1486	6.5	49	1,485	SS				
ST-12	1496	6.5	47	1495	SS				
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	624.0	
SCHLUMBERGER	K/O TOOLS	46.5	DRAG - UP (Klbf)		5			624.0	
BICO JAR	DJ001	46.5	DRAG - DOWN (Klbf)		2				
			TORQUE-On Bottom (Kft.lb)		n/a				
			TORQUE-Off Bottom (Kft.lb)		n/a				
WEATHER	WEATHER STATE		RAINFALL (mm)	TEMP.(°C)	VISIBILITY (km)	WIND SPEED(kts)	OTHER		
	o/cast		showers	8-15	fair	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
	84	500					22,900		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	2		TRUCKS	LOAD	HOURS				
DRILLING CONTRACTOR	20		1	1	MUD	BACK LOAD JARS AND MUD MOTOR			
SERVICE COMPANYS						FORK LIFT DOWN FOR REPAIR			
Mud Logging Crew	3								
Mud Engineer	1								
Cementers	2								
Electric Logging Crew									
DST Crew									
OTHERS									
TOTAL	28								
SUPERVISOR	D Hair		ENGINEER	GR	RIG MANAGER	D.Pollard			