



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING 1	DATE: 15/05/08
PERMIT: PEP 168	REPORT No.: DR 20
RIG: ADS Rig 6	D.F.S.: 20

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS		
DENSITY(SG)	9.35	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	324
VISCOSITY(Secs)	43	Gel-0	DESILTER				LAST BOP DRILL	14/5/08
pH	8.5	Kcl-21	DESANDER				LAST FIRE DRILL	
PV/YP	16/22	CaCo3-88	CENTRIFUGE 1				LAST H2S DRILL	
GELS 10/10	3/6	Phpa-0	CENTRIFUGE 2				LAST BOP TEST	
WL API (cc/30min)	6.5	Xan-1					BOP TEST DUE	13/5/08
WL HTHP(cc/30min)	-	So/Su-0	SHAKERS	2			FORMATION DATA	
CAKE(mm)	1	Pac-R-1	SCREENS	2x84-2x105			DEPTH	
SOLIDS %	5.9	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)	
SAND %	tr	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)	
CHLORIDES(mg/l)	24000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)	
KCL %	4.3		LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)	
MBT	10		SPM	40	0		ECD (ppg)	
TEMP °C	-		GPM	300	0		LITHOLOGY	
HOLE VOL(bbl)	484		SPP ~ psi	200	0		TIME ANALYSIS	
SURF VOL(bbl)	350		AV-DP(m/min)	0				HRS
LOSSES(bbl/hr)			AV-DC(m/min)	0				CUM.
MUD Co	RMR		SCR - spm	0	0		1. MOVE RIG	
MUD TYPE	KCL/PHPA		SCR - spm				2. RIG UP	27.0
BIT DATA			BHA DETAILS		BHA No.		3. DRILLING	184.0
BIT No.	4RR		TOOL		OD (in)	Length (m)	4. TRIP	11.5
SIZE (in)	8.5						5. WIPER TRIP	36.5
TYPE	FSX 5657						6. SURVEY	6.5
IADC CODE	S223						7. CIRC./COND	1.0
SERIAL No.	11058761						8. HANDLE BHA	3.5
NOZZLES(mm)	3/15-2/14						9. CASE/CEMENT	13.0
DEPTH IN (m)	WIPER						10. WELLHEAD	1.5
DEPTH OUT (m)							11. BOPS/DIV	23.5
DRILLED (m. cum)							12. LOT	1.0
HOURS (cum.)							13. CORING	
GRADE							14. LOGGING	
AVGE ROP (m/hr)							15. REAM/WASH	15.5
WOB (mt)							16. FISH/STUCK	94.0
RPM							17. LOSS CIRC	
JET VEL (m/sec)			BHA LENGTH (m)			0.00	18. KICK CONTROL	
HHP @ BIT			BHA WEIGHT (Klbf)			43k	19. SIDETRACK	4.5
			STRING WEIGHT (Klbf)			162	20. RIG REPAIR	16.5
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		21. WELL TEST	
							22. WO WEATHER	
							23. WAIT -WOC	6.5
							24. ABD./SUSPEND	
							25. RIG SERVICE	4.5
							26. SLIP/CUT LINE	2.0
							27. OTHER (Halliburton)	3.5
							COMPLETION	4.5
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	504.0
NBR	T-1922		DRAG - UP (Klbf)		0			504.0
S STAB	T-2264		DRAG - DOWN (Klbf)		0			
BICO JAR	DJ 001		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			8-19	good	0-5	cool	
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL	
	84	500					12,700	
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS		
OPERATOR	2		TRUCKS	LOAD	HOURS			
DRILLING CONTRACTOR	20							
SERVICE COMPANYS								
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		