





# DAILY DRILLING REPORT

## ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

<b>WELL:</b> EASTWING-1ST	<b>DATE:</b> 18/05/08
<b>PERMIT:</b> PEP 168	<b>REPORT No.:</b> DR 23
<b>RIG:</b> ADS Rig 6	<b>D.F.S.:</b> 23

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	9.2	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	327	
VISCOSITY(Secs)	40	Gel-24	DESILTER				LAST BOP DRILL	18/5/08	
pH	10	Kcl-23	DESANDER				LAST FIRE DRILL		
PV/YP	17/15	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	1/2	Phpa-0	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)	9.5	Xan-3					BOP TEST DUE	30/5/08	
WL HTHP(cc/30min)	0	So/Su-2	SHAKERS	2			<b>FORMATION DATA</b>		
CAKE(mm)	1	Pac-R-11	SCREENS	4/52-4/154		18	DEPTH		
SOLIDS %	5.1	Caustic-0	<b>PUMPS</b>	<b>1</b>	<b>2</b>	<b>3</b>	TRIP GAS (%)		
SAND %	tr	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	30000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	2.5	Citric-2	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	3	Salt-66	SPM	35	68		ECD (ppg)		
TEMP °C	38		GPM	196	139	334	LITHOLOGY		
HOLE VOL(bbl)	309		SPP ~ psi	600	0		<b>TIME ANALYSIS</b>		
SURF VOL(bbl)	450		AV-DP(m/min)	179				<b>HRS</b>	<b>CUM.</b>
LOSSES(bbl/hr)			AV-DC(m/min)	280			1. MOVE RIG		
MUD Co	RMR		SCR - spm	25/80psi	55/120psi		2. RIG UP		27.0
MUD TYPE	KCL/PHPA		SCR - spm	30/125psi	70/180psi		3. DRILLING		184.0
<b>BIT DATA</b>			<b>BHA DETAILS</b>		<b>BHA No.</b>				
BIT No.	5	RR5	<b>TOOL</b>		<b>OD (in)</b>	<b>Length (m)</b>			
SIZE (in)	8.5	8.5	BIT		8 1/2	0.26			
TYPE	EQCIS	EQCIS	MUD MOTOR		6.5	7.69			
IADC CODE	117	117	FLOAT SUB		6 1/2	0.62			
SERIAL No.	10998868	10998868	UG 81/2 STAB		6.25 X 8,25	1.90			
NOZZLES(mm)	3 X 14	3 X 14	UBHO		6.5	0.69			
DEPTH IN (m)	1354	1363	XO		6.5	0.45			
DEPTH OUT (m)	1363	1413	MONEL		6 1/4	8.42			
DRILLED (m. cum)	1	50	4 X HWDP		61/4 X 41/2	36.13			
HOURS (cum.)	1	15.5 slide/drill	3 X 61/4 DC SPIRALS		6 1/4	27.13			
GRADE	CLEANOUT		BICO JAR		6.5	9.75			
AVGE ROP (m/hr)			2 X 61/4 DC		61/4	18.85			
WOB (mt)		2-10							
RPM		140							
JET VEL (m/sec)		270	<b>BHA LENGTH (m)</b>			111.89			
HHP @ BIT		133	<b>BHA WEIGHT (Klbf)</b>			27000			
			<b>STRING WEIGHT (Klbf)</b>			105			
<b>SURVEYS:</b>	<b>DEPTH</b>	<b>DEVIATION</b>	<b>AZIMUTH</b>	<b>TVD</b>	<b>COMMENTS</b>				
ST-1	1350	.25	40	1,350	SS				
ST-2	1360	.75	327	1360	SS				
ST-3	1379	3	258	1,378	SS				
ST-4	1389	3.5	30	1,389	SS				
ST-5	1399	3.5	37	1,398	SS				
ST-6	1408	4	139	1408	SS				
<b>DRILLING TOOLS</b>	<b>SERIAL No.</b>	<b>CUM. HOURS</b>	<b>DRILLING DATA</b>			<b>TOTAL (HRS)</b>	24.0	576.0	
SCHLUMBERGER	K/O TOOLS	15.5	DRAG - UP (Klbf)		5			576.0	
BICO JAR	DJ001	15.5	DRAG - DOWN (Klbf)		2				
			TORQUE-On Bottom (Kft.lb)		n/a				
			TORQUE-Off Bottom (Kft.lb)		n/a				
<b>WEATHER</b>	<b>WEATHER STATE</b>		<b>RAINFALL (mm)</b>	<b>TEMP.(°C)</b>	<b>VISIBILITY (km)</b>	<b>WIND SPEED(kts)</b>	<b>OTHER</b>		
	o/cast		showers	8-15	fair	0-5	cool		
<b>BULK STOCK</b>	<b>GEL(sx)</b>	<b>BARITE(sx)</b>	<b>CEMENT(sx)</b>	<b>DRILLWATER</b>		<b>POT WATER</b>	<b>DIESEL FUEL</b>		
	84	500					26,200		
<b>PERSONNEL ON RIG</b>			<b>TRANSPORTATION</b>			<b>COMMENTS/REQUIREMENTS</b>			
<b>OPERATOR</b>	2		<b>TRUCKS</b>	<b>LOAD</b>	<b>HOURS</b>				
DRILLING CONTRACTOR	20								
SERVICE COMPANYS									
Mud Logging Crew	3								
Mud Engineer	1								
Cementers	2								
Electric Logging Crew									
DST Crew									
<b>OTHERS</b>									
<b>TOTAL</b>	28								
<b>SUPERVISOR</b>	D Hair		<b>ENGINEER</b>	GR	<b>RIG MANAGER</b>	D.Pollard			