





# DAILY DRILLING REPORT

## ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

<b>WELL:</b> EASTWING-1ST	<b>DATE:</b> 27/05/08
<b>PERMIT:</b> PEP 168	<b>REPORT No.:</b> DDR 32
<b>RIG:</b> ADS Rig 6	<b>D.F.S.:</b> 32

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	9.25	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	335	
VISCOSITY(Secs)	40	GeI-0	DESILTER			1	LAST BOP DRILL	26/5/08	
pH	8.5	Kcl-45	DESANDER			9	LAST FIRE DRILL		
PV/YP	12/14	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	2/4	Phpa-0	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)	6.7	Xan-7					BOP TEST DUE	30/5/08	
WL HTHP(cc/30min)	0	So/Su-1	SHAKERS	2		10	<b>FORMATION DATA</b>		
CAKE(mm)	1	Pac-R-4	SCREENS	4/52-4/154			DEPTH		
SOLIDS %	5.2	Caustic-0	<b>PUMPS</b>	<b>1</b>	<b>2</b>	<b>3</b>	TRIP GAS (%)		
SAND %	1.25	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	38000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	3	Citric-0	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	12.5	Salt- 18	SPM	64	0		ECD (ppg)		
TEMP °C		SodaAsh-0	GPM	357	0		LITHOLOGY		
HOLE VOL(bbl)	475	Fracseal-55	SPP ~ psi	800	0		<b>TIME ANALYSIS</b>		
SURF VOL(bbl)	450		AV-DP(m/min)	164				<b>HRS</b>	<b>CUM.</b>
LOSSES(bbl/hr)			AV-DC(m/min)	247			1. MOVE RIG		
MUD Co	RMR		SCR - spm	27/150psi			2. RIG UP		27.0
MUD TYPE	KCL/PHPA		SCR - spm	36/335psi			3. DRILLING	19.0	265.0
<b>BIT DATA</b>			<b>BHA DETAILS</b>		<b>BHA No.</b>				
BIT No.	8 RR 2	7	<b>TOOL</b>		<b>OD (in)</b>	<b>Length (m)</b>			
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)	~	2074	BICO JAR		30 1/2	9.75			
DRILLED (m. cum)	217	456	3 X DC'S		15 1/4	27.13			
HOURS (cum.)	29.5	51.5	4 X HWDP		6.25 X 4.25	36.13			
GRADE	IN HOLE	1-1-no-a-x-1-er-fig							
AVGE ROP (m/hr)	7.3	8.8							
WOB (mt)	2-12	2-10							
RPM	80-120	100 -120							
JET VEL (m/sec)	148	182	<b>BHA LENGTH (m)</b>			174.10			
HHP @ BIT	36	54	<b>BHA WEIGHT (Klbf)</b>			38			
			<b>STRING WEIGHT (Klbf)</b>			159			
<b>SURVEYS:</b>	<b>DEPTH</b>	<b>DEVIATION</b>	<b>AZIMUTH</b>	<b>TVD</b>	<b>COMMENTS</b>				
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				
<b>DRILLING TOOLS</b>	<b>SERIAL No.</b>	<b>CUM. HOURS</b>	<b>DRILLING DATA</b>			<b>TOTAL (HRS)</b>	24.0	792.0	
			DRAG - UP (Klbf)		4			768.0	
BICO JAR	DJ001	116.5	DRAG - DOWN (Klbf)		4				
MONEL	K779	116.5	TORQUE-On Bottom (Kft.lb)		n/a				
USED S STAB	T 2264	191.0	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>		
	clear			3-15	clear	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					11,200		
<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>				
<b>DRILLING CONTRACTOR</b>	20								
<b>SERVICE COMPANYS</b>						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 - not connected to system			
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			