





# DAILY DRILLING REPORT

## ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST	DATE: 13/09/08
PERMIT: PEP 168	REPORT No. DWOR-13
RIG:	D.F.S. 0

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS	
DENSITY(SG)			gpm	uf	hrs	ACCIDENT FREE DAYS	13
VISCOSITY(Secs)		DESILTER				LAST BOP DRILL	
pH		DESANDER				LAST FIRE DRILL	
PV/YP		CENTRIFUGE 1				LAST H2S DRILL	
GELS 10/10		CENTRIFUGE 2				LAST BOP TEST	
WL API (cc/30min)						BOP TEST DUE	
WL HTHP(cc/30min)		SHAKERS				<b>FORMATION DATA</b>	
CAKE(mm)		SCREENS				DEPTH	
SOLIDS %		<b>PUMPS</b>	<b>1</b>	<b>2</b>	<b>3</b>	TRIP GAS (%)	
SAND %		TYPE				CONN. GAS (%)	
CHLORIDES(mg/l)		STROKE(in)				B'GRD GAS (%)	
KCL %		LINER(in)				PORE PRESS (ppg)	
MBT		SPM				ECD (ppg)	
TEMP °C		GPM				LITHOLOGY	
HOLE VOL(bbl)		SPP ~ psi				<b>TIME ANALYSIS</b>	
SURF VOL(bbl)		AV-DP(m/min)					<b>HRS</b> <b>CUM.</b>
LOSSES(bbl/hr)		AV-DC(m/min)				1. MOVE RIG	
MUD Co		SCR - spm				2. RIG UP/ Down	9.5
MUD TYPE	KCL/PHPA	SCR - spm				3. DRILLING	
<b>BIT DATA</b>		<b>BHA DETAILS</b>		<b>BHA No.</b>			
BIT No.	N/A	<b>TOOL</b>		<b>OD (in)</b>	<b>Length (m)</b>		
SIZE (in)						4. TRIP	
TYPE						5. WIPER TRIP	
IADC CODE						6. SURVEY	
SERIAL No.						7. CIRC./COND	
NOZZLES(mm)						8. HANDLE BHA	
DEPTH IN (m)						9. CASE/CEMENT	
DEPTH OUT (m)						10. WELLHEAD 11.5	
DRILLED (m. cum)						11. BOPS/DIV 18.0	
HOURS (cum.)						12. LOT	
GRADE						13. CORING	
AVGE ROP (m/hr)						14. LOGGING 9.5	
WOB (mt)						15. REAM/WASH	
RPM						16. FISH/STUCK	
JET VEL (m/sec)						17. LOSS CIRC	
HHP @ BIT						18. KICK CONTROL	
		<b>BHA LENGTH (m)</b>				19. SIDETRACK	
		<b>BHA WEIGHT (Klbf)</b>				20. RIG REPAIR	
		<b>STRING WEIGHT (Klbf)</b>				21. WELL TEST	
<b>SURVEYS:</b>	<b>DEPTH</b>	<b>DEVIATION</b>	<b>AZIMUTH</b>	<b>TVD</b>	<b>COMMENTS</b>		
						22. WO WEATHER	
						23. WAIT -WOC	
						24. ABD./SUSPEND	
						25. RIG SERVICE 1.5	
						26. SLIP/CUT LINE	
						27. OTHER 6.0 133.5	
						COMPLETION 4.0 62.0	
<b>DRILLING TOOLS</b>	<b>SERIAL No.</b>	<b>CUM. HOURS</b>	<b>DRILLING DATA</b>			<b>TOTAL (HRS)</b>	10.0 245.5
			DRAG - UP (Klbf)				
			DRAG - DOWN (Klbf)				
			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>	
		0	7-14	clear			
<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>	
	0	0				0	
<b>PERSONNEL ON RIG</b>		<b>TRANSPORTATION</b>			<b>COMMENTS/REQUIREMENTS</b>		
<b>OPERATOR</b>	3	<b>TRUCKS</b>	<b>LOAD</b>	<b>HOURS</b>			
DRILLING CONTRACTOR	0						
<b>SERVICE COMPANYS</b>							
Mud Logging Crew	0						
Mud Engineer	0						
Cementers	0						
Electric Logging Crew	0						
SGS	2						
OTHERS	Farley Testers	2					
	<b>TOTAL</b>	7					
<b>SUPERVISOR</b>	Don Castles	<b>ENGINEER</b>	EH	<b>RIG MANAGER</b>			