





# DAILY DRILLING REPORT

## ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

<b>WELL:</b> EASTWING 1	<b>DATE:</b> 27/04/08
<b>PERMIT:</b> PEP 168	<b>REPORT No.:</b> DR 2
<b>RIG:</b> ADS Rig 6	<b>D.F.S.:</b> 2

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS					
DENSITY(SG)	9.4	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	307			
VISCOSITY(Secs)	74	Gel-0	DESILTER				LAST BOP DRILL				
pH	8.5	Kcl-129	DESANDER				LAST FIRE DRILL				
PV/YP	4/62		CENTRIFUGE 1				LAST H2S DRILL				
GELS 10/10	5/15		CENTRIFUGE 2				LAST BOP TEST				
WL API (cc/30min)							BOP TEST DUE				
WL HTHP(cc/30min)			SHAKERS	2			<b>FORMATION DATA</b>				
CAKE(mm)	1		SCREENS	2x84-2x105			DEPTH				
SOLIDS %	7		<b>PUMPS</b>	<b>1</b>	<b>2</b>	<b>3</b>	TRIP GAS (%)				
SAND %	.25		TYPE	SB 700	NP 600		CONN. GAS (%)				
CHLORIDES(mg/l)	15000		STROKE(in)	16	8		B'GRD GAS (%)				
KCL %	2		LINER(in)	6.5 x 2.75	5.5		PORE PRESS (ppg)				
MBT	15		SPM	61	0		ECD (ppg)				
TEMP °C	31		GPM	488			LITHOLOGY				
HOLE VOL(bbl)	252		SPP ~ psi	800			<b>TIME ANALYSIS</b>				
SURF VOL(bbl)	450		AV-DP(m/min)	106				<b>HRS</b>	<b>CUM.</b>		
LOSSES(bbl/hr)			AV-DC(m/min)	104/134			1. MOVE RIG				
MUD Co	RMR		SCR - spm	-	-		2. RIG UP		27.0		
MUD TYPE	Spud		SCR - spm	-	-		3. DRILLING	16.0	31.0		
<b>BIT DATA</b>			<b>BHA DETAILS</b>		<b>BHA No.</b>						
BIT No.	1RR		<b>TOOL</b>		<b>OD (in)</b>	<b>Length (m)</b>					
SIZE (in)	12.1/4		BIT		12 1/4	0.30	4. TRIP				
TYPE	JST11X		BIT SUB		8	0.83	5. WIPER TRIP				
IADC CODE	117		8" DC		8	9.25	6. SURVEY				
SERIAL No.	L2337		8" STAB		12 1/4	1.36	7. CIRC./COND				
NOZZLES(mm)	3/16-1/14		8" DC		8	9.38	8. HANDLE BHA				
DEPTH IN (m)	22		X/O		8 X 6	0.71	9. CASE/CEMENT				
DEPTH OUT (m)	582		12 X 61/4 DC		6 1/4	108.14	10. WELLHEAD				
DRILLED (m. cum)	560		BICO JAR		6 1/2	9.59	11. BOPS/DIV				
HOURS (cum.)	31		3 X 61/4 DC		6 1/4	26.68	12. LOT				
GRADE	in hole		4 X HWDP		6 1/4 X 4 1/2	36.13	13. CORING				
AVGE ROP (m/hr)	18						14. LOGGING				
WOB (mt)	10						15. REAM/WASH				
RPM	120						16. FISH/STUCK				
JET VEL (m/sec)	204		<b>BHA LENGTH (m)</b>			202.37	17. LOSS CIRC				
HHP @ BIT	96		<b>BHA WEIGHT (Klbf)</b>			43k	18. KICK CONTROL				
			<b>STRING WEIGHT (Klbf)</b>			74	19. SIDETRACK				
<b>SURVEYS:</b>	<b>DEPTH</b>	<b>DEVIATION</b>	<b>AZIMUTH</b>	<b>TVD</b>	<b>COMMENTS</b>						
	1	33	1/2		TOTCO		20. RIG REPAIR				
	2	183	1/2		TOTCO		21. WELL TEST				
	3	327	1/2		TOTCO		22. WO WEATHER				
	4	488	3/4		TOTCO		23. WAIT - OTHER				
							24. ABD./SUSPEND				
							25. RIG SERVICE			0.5	1.0
							26. SLIP/CUT LINE				
							27. OTHER[meeting]			1.0	
							COMPLETION				
<b>DRILLING TOOLS</b>	<b>SERIAL No.</b>	<b>CUM. HOURS</b>	<b>DRILLING DATA</b>			<b>TOTAL (HRS)</b>	24.0	72.0			
12 1/4 STAB	T 2276	66	DRAG - UP (Klbf)		2			72.0			
BICO JARS	DJ010	147.5	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>				
	Rain Showers			15-20	poor	0-10	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>				
		500					30,500				
<b>PERSONNEL ON RIG</b>			<b>TRANSPORTATION</b>			<b>COMMENTS/REQUIREMENTS</b>					
OPERATOR	2		<b>TRUCKS</b>	<b>LOAD</b>	<b>HOURS</b>	53 jts 95/8 csg on site					
DRILLING CONTRACTOR	20		8	water		9 5/8 Float collar is Hot Shot from Moomba ETA = 27/4/08					
SERVICE COMPANYS						Cementing trucks & crew arrived 26/4					
Mud Logging Crew	2					Held Weekly safety meeting					
Mud Engineer	1										
Cementers	2										
Electric Logging Crew											
DST Crew											
OTHERS											
<b>TOTAL</b>	<b>27</b>										
<b>SUPERVISOR</b>	D Hair		<b>ENGINEER</b>	GR	<b>RIG MANAGER</b>	S.Kineally					