



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING 1	DATE: 29/04/08
PERMIT: PEP 168	REPORT No.: DR4
RIG: ADS Rig 6	D.F.S.: 4

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)		Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	308	
VISCOSITY(Secs)		GeI-0	DESILTER				LAST BOP DRILL		
pH		Kcl-0	DESANDER				LAST FIRE DRILL		
PV/YP		CaCo3-79	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10		Phpa-	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)							BOP TEST DUE		
WL HTHP(cc/30min)			SHAKERS	2			FORMATION DATA		
CAKE(mm)			SCREENS	2x84-2x105			DEPTH		
SOLIDS %			PUMPS	1	2	3	TRIP GAS (%)		
SAND %			TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)			STROKE(in)	16	8		B'GRD GAS (%)		
KCL %			LINER(in)	6.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT			SPM		0		ECD (ppg)		
TEMP °C			GPM				LITHOLOGY		
HOLE VOL(bbl)			SPP ~ psi				TIME ANALYSIS		
SURF VOL(bbl)			AV-DP(m/min)					HRS	CUM.
LOSSES(bbl/hr)			AV-DC(m/min)				1. MOVE RIG		
MUD Co	RMN		SCR - spm		-		2. RIG UP		27.0
MUD TYPE	Prepare Kcl Phpa mud		SCR - spm		-		3. DRILLING		31.0
BIT DATA			BHA DETAILS		BHA No.				
BIT No.	1RR		TOOL		OD (in)	Length (m)			
SIZE (in)	12.1/4		BIT				4. TRIP		
TYPE	JST11X		BIT SUB				5. WIPER TRIP		
IADC CODE	117		8" DC				6. SURVEY		
SERIAL No.	L2337		8" STAB				7. CIRC./COND		
NOZZLES(mm)	3/16-1/14		8" DC				8. HANDLE BHA		
DEPTH IN (m)	22		X/O				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	1-1-SS-A-2E-1-NO-TD		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		BHA LENGTH (m)			180.54	17. LOSS CIRC		
HHP @ BIT	96		BHA WEIGHT (Klbf)			43k	18. KICK CONTROL		
			STRING WEIGHT (Klbf)			74	19. SIDETRACK		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS				
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 -WOC		
							24. ABD./SUSPEND		
							25. RIG SERVICE		
							26. SLIP/CUT LINE		
							27. OTHER		
							COMPLETION		
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	120.0	
12 1/4 STAB	T 2276	66	DRAG - UP (Klbf)		2			120.0	
BICO JARS	DJ010	147.5	DRAG - DOWN (Klbf)		2				
			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			8-18	good	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
		500					28,000		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	2		TRUCKS	LOAD	HOURS	4 jts 95/8 csg on site			
DRILLING CONTRACTOR	19								
SERVICE COMPANYS									
Mud Logging Crew	2								
Mud Engineer	1								
Cementers	2								
Electric Logging Crew									
DST Crew									
OTHERS									
TOTAL	26								
SUPERVISOR	D Hair		ENGINEER	GR	RIG MANAGER	S.Kineally			