



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST	DATE: 19/05/08
PERMIT: PEP 168	REPORT No.: DDR 24
RIG: ADS Rig 6	D.F.S.: 24

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	9.2	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	328	
VISCOSITY(Secs)	41	Gel-18	DESILTER				LAST BOP DRILL	19/5/08	
pH	9	Kcl- 40	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)	7.4	Xan- 3					BOP TEST DUE	30/5/08	
WL HTHP(cc/30min)	0	So/Su-2	SHAKERS	2		24	FORMATION DATA		
CAKE(mm)	1	Pac-R-15	SCREENS	4/52-4/154			DEPTH		
SOLIDS %	4.8	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)		
SAND %	tr	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	40000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	3.5	Citric-	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	10	Salt- 194	SPM	47	56		ECD (ppg)		
TEMP °C	37		GPM	134	263	400	LITHOLOGY		
HOLE VOL(bbl)	325		SPP ~ psi	650	0		TIME ANALYSIS		
SURF VOL(bbl)	450		AV-DP(m/min)	179				HRS	CUM.
LOSSES(bbl/hr)			AV-DC(m/min)	280			1. MOVE RIG		
MUD Co	RMR		SCR - spm	25/150psi	55/180psi		2. RIG UP		27.0
MUD TYPE	KCL/PHPA		SCR - spm	40/240psi	65/260psi		3. DRILLING		184.0
BIT DATA			BHA DETAILS		BHA No.				
BIT No.	5	RR5	TOOL		OD (in)	Length (m)			
SIZE (in)	8.5	8.5	BIT		8 1/2	0.26	5. WIPER TRIP		
TYPE	EQCIS	EQCIS	MUD MOTOR		6.5	7.69	6. SURVEY		
IADC CODE	117	117	FLOAT SUB		6 1/2	0.62	7. CIRC./COND		
SERIAL No.	10998868	10998868	UG 81/2 STAB		6.25 X 8,25	1.90	8. HANDLE BHA		
NOZZLES(mm)	3 X 14	3 X 14	UBHO		6.5	0.69	9. CASE/CEMENT		
DEPTH IN (m)	1354	1363	XO		6.5	0.45	10. WELLHEAD		
DEPTH OUT (m)	1363		MONEL		6 1/4	8.42	11. BOPS/DIV		
DRILLED (m. cum)	1	147	4 X HWDP		61/4 X 41/2	36.13	12. LOT		
HOURS (cum.)	1	36.5 slide/drill	3 X 61/4 DC SPIRALS		6 1/4	27.13	13. CORING		
GRADE	CLEANOUT		BICO JAR		6.5	9.75	14. LOGGING		
AVGE ROP (m/hr)			2 X 61/4 DC		61/4	18.85	15. REAM/WASH		
WOB (mt)		2-10					16. FISH/STUCK		
RPM		140					17. LOSS CIRC		
JET VEL (m/sec)		270	BHA LENGTH (m)			111.89	18. KICK CONTROL		
HHP @ BIT		133	BHA WEIGHT (Klbf)			27000	19. SIDETRACK		
			STRING WEIGHT (Klbf)			105	20. RIG REPAIR		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		21. WELL TEST		
ST-7	1418	4	40		SS		22. WO WEATHER		
ST-8	1428	5.25	43		SS		23. WAIT -WOC		
ST-9	1437	6.25	43		SS		24. ABD./SUSPEND		
ST-10	1447	6.5	47		SS		25. RIG SERVICE		
ST-11	1486	6.5	49		SS		26. SLIP/CUT LINE		
ST-12	1496	6.5	47		SS		27. OTHER		
							COMPLETION		
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	600.0	
SCHLUMBERGER	K/O TOOLS	36.5	DRAG - UP (Klbf)		5			600.0	
BICO JAR	DJ001	36.5	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		showers	8-15	fair	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
	84	500					24,550		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	2		TRUCKS	LOAD	HOURS				
DRILLING CONTRACTOR	20								
SERVICE COMPANYS									
Mud Logging Crew	3								
Mud Engineer	1								
Cementers	2								
Electric Logging Crew									
DST Crew									
OTHERS									
TOTAL	28								
SUPERVISOR	D Hair		ENGINEER	GR	RIG MANAGER	D.Pollard			