



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST
 PERMIT: PEP 168
 RIG: ADS Rig 6

DATE: 1/06/08
 REPORT No. DDR-37
 D.F.S. 37

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS		
DENSITY(SG)	9.30	Bio-		gpm	uf	hrs	ACCIDENT FREE DAYS	339
VISCOSITY(Secs)	41	Gel-0	DESILTER			23	LAST BOP DRILL	26/5/08
pH	8.5	Kcl-44	DESANDER				LAST FIRE DRILL	
PV/YP	16/16	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL	
GELS 10/10	2/8	Phpa-0	CENTRIFUGE 2				LAST BOP TEST	
WL API (cc/30min)	7.2	Xan-0					BOP TEST DUE	30/5/08
WL HTHP(cc/30min)	0	So/Su-0	SHAKERS	2		23	FORMATION DATA	
CAKE(mm)	1	Pac-R-7	SCREENS	4/52-4/154			DEPTH	
SOLIDS %	5.5	Caustic1	PUMPS	1	2	3	TRIP GAS (%)	
SAND %	0.25	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)	
CHLORIDES(mg/l)	33,000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)	
KCL %	2.7	Citric-0	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)	
MBT	12.5	Salt- 49	SPM	64	0		ECD (ppg)	
TEMP °C	43 c	SodaAsh-0	GPM	357	0		LITHOLOGY	
HOLE VOL(bbl)	501	Fracseal-0	SPP ~ psi	500	0		TIME ANALYSIS	
SURF VOL(bbl)	400		AV-DP(m/min)	164				HRS
LOSSES(bbl/hr)			AV-DC(m/min)	247				CUM.
MUD Co	RMR		SCR - spm				1. MOVE RIG	
MUD TYPE	KCL/PHPA		SCR - spm				2. RIG UP	27.0
BIT DATA			BHA DETAILS		BHA No.		3. DRILLING	288.0
BIT No.	10RR	9RR	TOOL		OD (in)	Length (m)	4. TRIP	69.0
SIZE (in)	8.5	8.5					5. WIPER TRIP	17.0 70.5
TYPE	CH04MRS	CH04MRS					6. SURVEY	9.5
IADC CODE							7. CIRC./COND	1.0 19.5
SERIAL No.	214054	214054					8. HANDLE BHA	41.0
NOZZLES(mm)	0-0-0	0-0-0					9. CASE/CEMENT	13.0
DEPTH IN (m)							10. WELLHEAD	1.5
DEPTH OUT (m)							11. BOPS/DIV	31.5
DRILLED (m. cum)							12. LOT	1.0
HOURS (cum.)							13. CORING	
GRADE	Wiper trip	Wiper trip					14. LOGGING	3.5 20.5
AVGE ROP (m/hr)							15. REAM/WASH	2.5 33.5
WOB (mt)							16. FISH/STUCK	94.0
RPM							17. LOSS CIRC	
JET VEL (m/sec)			BHA LENGTH (m)				18. KICK CONTROL	
HHP @ BIT			BHA WEIGHT (Klbf)				19. SIDETRACK	89.5
			STRING WEIGHT (Klbf)				20. RIG REPAIR	46.5
							21. WELL TEST	
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		22. WO WEATHER	
ST-19	2144	4	353	2,139	SS final survey		23. WAIT -WOC	6.5
ST-14	1525	9.5	50	1524	SS		24. ABD./SUSPEND	
ST-15	1609	9.5	55		SS		25. RIG SERVICE	6.5
ST-16	1762	~	~		Missrun		26. SLIP/CUT LINE	4.0
ST-17	1896	3.75	43		SS		27. OTHER recon mud	15.5
ST-18	2049	5.25	12		SS		COMPLETION	
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	888.0
			DRAG - UP (Klbf)					816.0
BICO JAR	DJ001	139.5	DRAG - DOWN (Klbf)					
MONEL	K779	139.5	TORQUE-On Bottom (Kft.lb)			n/a		
USED S STAB	T 2264	214.0	TORQUE-Off Bottom (Kft.lb)			n/a		
WEATHER	WEATHER STATE		RAINFALL (mm)	TEMP.(°C)	VISIBILITY (km)	WIND SPEED(kts)	OTHER	
	clear			3-15	clear	0-5	cool	
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL	
	84	500					12,000	
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS		
OPERATOR	1		TRUCKS	LOAD	HOURS			
DRILLING CONTRACTOR	18					Fuel truck arrived 31-05-08		
SERVICE COMPANYS								
Mud Logging Crew	3					G.W.K left site at 22.00hrs		
Mud Engineer	1							
Cementers	2							
Electric Logging Crew								
DST Crew								
OTHERS								
TOTAL	25							
SUPERVISOR	L.Devattimo		ENGINEER	GR	RIG MANAGER	S.Kinnearly		