



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST	DATE: 31/05/08
PERMIT: PEP 168	REPORT No.: DDR 36
RIG: ADS Rig 6	D.F.S.: 36

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS		
DENSITY(SG)	9.25	Bio-2		gpm	uf	hrs	ACCIDENT FREE DAYS	338
VISCOSITY(Secs)	43	Gel-0	DESILTER			23	LAST BOP DRILL	26/5/08
pH	8.5	Kcl-20	DESANDER				LAST FIRE DRILL	
PV/YP	10/11	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL	
GELS 10/10	1/2	Phpa-0	CENTRIFUGE 2				LAST BOP TEST	
WL API (cc/30min)	7.5	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-1	SCREENS	4/52-4/154			DEPTH	
SOLIDS %	5.5	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)	
SAND %	0.25	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)	
CHLORIDES(mg/l)	30,000	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- 52	SPM	64	0		ECD (ppg)	
TEMP °C	43 c	SodaAsh-0	GPM	357	0		LITHOLOGY	
HOLE VOL(bbl)	550	Fracseal-0	SPP ~ psi	500	0		TIME ANALYSIS	
SURF VOL(bbl)	370		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	SEC. BIT		8.½	0.24	5. WIPER TRIP	17.0
TYPE	CH04MRS	CH04MRS	BIT SUB TOTCO RING		6.¼	0.91	6. SURVEY	9.5
IADC CODE			61/4 DC		6 1/4	8.86	7. CIRC./COND	1.0
SERIAL No.	214054	214054	5 DC'S		61/4	45.35	8. HANDLE BHA	41.0
NOZZLES(mm)	0-0-0	0-0-0	BICO JAR		6 1/2	9.75	9. CASE/CEMENT	13.0
DEPTH IN (m)			3 DC'S		6 1/2	26.36	10. WELLHEAD	1.5
DEPTH OUT (m)			4 X HWDP		6.25 X 4.25	36.13	11. BOPS/DIV	31.5
DRILLED (m. cum)			BHA LENGTH (m)			118.74	12. LOT	1.0
HOURS (cum.)			BHA WEIGHT (Klbf)				13. CORING	
GRADE	Wiper trip	Wiper trip	STRING WEIGHT (Klbf)				14. LOGGING	3.5
AVGE ROP (m/hr)			SURVEYS:				15. REAM/WASH	2.5
WOB (mt)			DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS	16. FISH/STUCK
RPM			ST-19	2144	4	353	2,139	17. LOSS CIRC
JET VEL (m/sec)			ST-14	1525	9.5	50	1524	18. KICK CONTROL
HHP @ BIT			ST-15	1609	9.5	55		19. SIDETRACK
			ST-16	1762	~	~	Missrun	20. RIG REPAIR
			ST-17	1896	3.75	43	SS	21. WELL TEST
			ST-18	2049	5.25	12	SS	22. WO WEATHER
								23. WAIT -WOC
								24. ABD./SUSPEND
								25. RIG SERVICE
								26. SLIP/CUT LINE
								27. OTHER recon mud
								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)			5		
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	2		TRUCKS	LOAD	HOURS			
DRILLING CONTRACTOR	18					Fuel truck arrived 31-05-08		
SERVICE COMPANYS						G.W.K left site at 22.00hrs		
Mud Logging Crew	3							
Mud Engineer	1							
Cementers	2							
Electric Logging Crew	3							
DST Crew								
OTHERS								
TOTAL	29							
SUPERVISOR	L.Devattimo		ENGINEER	GR	RIG MANAGER	S.Kinnearly		