



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING-1ST	DATE: 26/05/08
PERMIT: PEP 168	REPORT No.: DDR 31
RIG: ADS Rig 6	D.F.S.: 31

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS				
DENSITY(SG)	9.25	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	335		
VISCOSITY(Secs)	41	Gel-0	DESILTER			1	LAST BOP DRILL	26/5/08		
pH	8.5	Kcl-48	DESANDER			9	LAST FIRE DRILL			
PV/YP	15/16	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL			
GELS 10/10	2/4	Phpa-0	CENTRIFUGE 2				LAST BOP TEST			
WL API (cc/30min)	6.5	Xan-1					BOP TEST DUE	30/5/08		
WL HTHP(cc/30min)	0	So/Su-0	SHAKERS	2		10	FORMATION DATA			
CAKE(mm)	1	Pac-R-6	SCREENS	4/52-4/154			DEPTH			
SOLIDS %	5.1	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)			
SAND %	1.25	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)			
CHLORIDES(mg/l)	41000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)			
KCL %	3.5	Citric-0	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)			
MBT	12.5	Salt- 174	SPM	61	0		ECD (ppg)			
TEMP °C		SodaAsh-0	GPM	341	0		LITHOLOGY			
HOLE VOL(bbl)	447		SPP ~ psi	950	0		TIME ANALYSIS			
SURF VOL(bbl)	350		AV-DP(m/min)	164				HRS	CUM.	
LOSSES(bbl/hr)			AV-DC(m/min)	247			1. MOVE RIG			
MUD Co	RMR		SCR - spm	27/150psi			2. RIG UP		27.0	
MUD TYPE	KCL/PHPA		SCR - spm	36/335psi			3. DRILLING		246.0	
BIT DATA			BHA DETAILS		BHA No.					
BIT No.	8 RR 2	7	TOOL		OD (in)	Length (m)				
SIZE (in)	8.5	8.5	SEC. BIT		8 1/2	0.24				
TYPE	Sec FS2565	STEALTH S36	BIT SUB TOTCO RING		6 1/4	0.91				
IADC CODE	S 424	S233	SCHLUM MONEL		6 1/2	8.42				
SERIAL No.	5013339 T01	S11778B TOI	61/4 DC		6 1/4	8.86				
NOZZLES(mm)	3/12-2/16	3 X 16	USED STRING STAB		61/4 X 8 3/8	1.54				
DEPTH IN (m)		1618	9 X DC'S		61/4	81.12				
DEPTH OUT (m)		2074	BICO JAR		30 1/2	9.75				
DRILLED (m. cum)		456	3 X DC'S		15 1/4	27.13				
HOURS (cum.)		51.5	4 X HWDP		6.25 X 4.25	36.13				
GRADE	IN HOLE	1-1-no-a-x-1-er-fig	BHA LENGTH (m)			174.10				
AVGE ROP (m/hr)		8.8	BHA WEIGHT (Klbf)			38				
WOB (mt)		2-10	STRING WEIGHT (Klbf)			154				
RPM		100 -120	SURVEYS:							
JET VEL (m/sec)		182	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS			
HHP @ BIT		54	ST-13	1505	7.25	45	1,505	SS		
			ST-14	1525	9.5	50	1524	SS		
			ST-15	1609	9.5	55		SS		
			ST-16	1762	~	~		Missrun		
			ST-17	1896	3.75	43		SS		
			ST-18	2049	5.25	12		SS		
			DRILLING TOOLS		DRILLING DATA		TOTAL (HRS)	24.0	768.0	
			SERIAL No.	CUM. HOURS						
			BICO JAR	DJ001	97.5	DRAG - UP (Klbf)	3		768.0	
			MONEL	K779	97.5	DRAG - DOWN (Klbf)	3			
			USED S STAB	T 2264	172.0	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
					clear		3-15	clear	0-5	cool
			BULK STOCK		GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER	POT WATER	DIESEL FUEL
					84	500				12,700
			PERSONNEL ON RIG		TRANSPORTATION			COMMENTS/REQUIREMENTS		
			OPERATOR	2	TRUCKS	LOAD	HOURS			
			DRILLING CONTRACTOR	20				51/2 Casing xo to 1502		
			SERVICE COMPANYS					Forklift down 18/5		
			Mud Logging Crew	3				No 2 pump down 21/5		
			Mud Engineer	1						
			Cementers	2				These times and codes are from the tour report - the final codes should be agreed by ADS and Essential		
			Electric Logging Crew							
			DST Crew							
			OTHERS							
			TOTAL	28						
SUPERVISOR	D Hair		ENGINEER	GR		RIG MANAGER	D.Pollard			