



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

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

DATE: 16/05/08
 REPORT No. DR 21
 D.F.S. 21

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS					
DENSITY(SG)	9.35	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	324			
VISCOSITY(Secs)	43	Gel-0	DESILTER				LAST BOP DRILL	14/5/08			
pH	8.5	Kcl-21	DESANDER				LAST FIRE DRILL				
PV/YP	16/22	CaCo3-88	CENTRIFUGE 1				LAST H2S DRILL				
GELS 10/10	3/6	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)	-	So/Su-0	SHAKERS	2			FORMATION DATA				
CAKE(mm)	1	Pac-R-1	SCREENS	2x84-2x105			DEPTH				
SOLIDS %	5.9	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)				
SAND %	tr	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)				
CHLORIDES(mg/l)	24000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)				
KCL %	4.3		LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)				
MBT	10		SPM	40	0		ECD (ppg)				
TEMP °C	-		GPM	300	0		LITHOLOGY				
HOLE VOL(bbl)	484		SPP ~ psi	200	0		TIME ANALYSIS				
SURF VOL(bbl)	350		AV-DP(m/min)	0				HRS	CUM.		
LOSSES(bbl/hr)			AV-DC(m/min)	0			1. MOVE RIG				
MUD Co	RMR		SCR - spm	0	0		2. RIG UP			27.0	
MUD TYPE	KCL/PHPA		SCR - spm				3. DRILLING			184.0	
BIT DATA			BHA DETAILS		BHA No.		4. TRIP			5.5	33.5
BIT No.	4RR	5	TOOL		OD (in)	Length (m)	5. WIPER TRIP			36.5	
SIZE (in)	8.5	8.5	BIT		8 1/2	0.26	6. SURVEY			6.5	
TYPE	FSX 5657	EQCIS			0.00		7. CIRC./COND			14.0	
IADC CODE	S223	26/04/1900	BITSUB		6 1/2	0.91	8. HANDLE BHA			8.0	29.0
SERIAL No.	11058761	10998868	1 X 61/4 DC		6.25 X 8.5	8.86	9. CASE/CEMENT			13.0	
NOZZLES(mm)	3/15-2/14	3 X 14	S STAB		6.5	1.54	10. WELLHEAD			1.5	
DEPTH IN (m)	WIPER	RIH			0.00		11. BOPS/DIV			8.0	31.5
DEPTH OUT (m)			11 X 61/4 DC		6 1/4	98.76	12. LOT			1.0	
DRILLED (m. cum)			BICO JAR		6 1/2	9.75	13. CORING				
HOURS (cum.)			3 X 61/4 DC		6 1/4	26.36	14. LOGGING				
GRADE			4 X HWDP		6 1/4 X 4 1/2	36.13	15. REAM/WASH			15.5	
AVGE ROP (m/hr)			XO		61/4	0.30	16. FISH/STUCK			94.0	
WOB (mt)							17. LOSS CIRC				
RPM							18. KICK CONTROL				
JET VEL (m/sec)			BHA LENGTH (m)		182.87		19. SIDETRACK plug			1.5	6.0
HHP @ BIT			BHA WEIGHT (Klbf)		43k		20. RIG REPAIR			16.5	
			STRING WEIGHT (Klbf)				21. WELL TEST				
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		22. WO WEATHER				
							23. WAIT -WOC			6.5	
							24. ABD./SUSPEND				
							25. RIG SERVICE			0.5	5.0
							26. SLIP/CUT LINE			2.0	
							27. OTHER (Halliburton)			0.5	5.0
							COMPLETION				
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0		528.0		
			DRAG - UP (Klbf)		0			528.0			
S STAB	T-2264		DRAG - DOWN (Klbf)		0						
BICO JAR	DJ 001		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 & rain	heavy	8-15	fair	0-5	cool					
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER	POT WATER	DIESEL FUEL					
	84	500				13,750					
PERSONNEL ON RIG		TRANSPORTATION			COMMENTS/REQUIREMENTS						
OPERATOR	2	TRUCKS	LOAD	HOURS							
DRILLING CONTRACTOR	20				Rec plug tester Elastomer 2200 hrs						
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						