



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

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

DATE: 5/05/08
REPORT No. DR 10
D.F.S. 10

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	9.2	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	315	
VISCOSITY(Secs)	38	Gel-66	DESILTER				LAST BOP DRILL	5/5/08	
pH	8.5	Kcl-68	DESANDER				LAST FIRE DRILL		
PV/YP	11/15	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	2/3	Phpa-5	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)	7	Xan-4					BOP TEST DUE	13/5/08	
WL HTHP(cc/30min)	-	So/Su-2	SHAKERS	2			FORMATION DATA		
CAKE(mm)	1	Pac-R-6	SCREENS	2x84-2x105			DEPTH		
SOLIDS %	5.4	Caustic-1	PUMPS	1	2	3	TRIP GAS (%)		
SAND %	.5		TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	19500		STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	2.8		LINER(in)	6.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	12.5		SPM	50			ECD (ppg)	9.4	
TEMP °C	43		GPM	400			LITHOLOGY		
HOLE VOL(bbl)	353		SPP ~ psi	950			TIME ANALYSIS		
SURF VOL(bbl)	440		AV-DP(m/min)	188				HRS	CUM.
LOSSES(bbl/hr)			AV-DC(m/min)	294			1. MOVE RIG		
MUD Co	RMR		SCR - spm	22/340	92/340		2. RIG UP		27.0
MUD TYPE	KCL/PHPA		SCR - spm	26/400	108/400		3. DRILLING	21.0	122.5
BIT DATA			BHA DETAILS		BHA No.				
BIT No.	3		TOOL		OD (in)	Length (m)			
SIZE (in)	8.5		BIT		8 1/2	0.30	4. TRIP		
TYPE	2463Z		N/B STAB		6 1/4 X 8 1/2	1.27	5. WIPER TRIP		
IADC CODE	S323		PONY DC		6 1/2	3.22	6. SURVEY		
SERIAL No.	0882805		81/2 STAB		6.25 X 8.5	1.52	7. CIRC./COND		
NOZZLES(mm)	4/12 1/14		MONEL		6.5	9.49	8. HANDLE BHA		
DEPTH IN (m)	1376		81/S STAB		6.25 X 8.5	1.54	9. CASE/CEMENT		
DEPTH OUT (m)	IN		12 X 61/4 DC		6 1/4	108.14	10. WELLHEAD		
DRILLED (m. cum)	289		BICO JAR		6 1/2	9.59	11. BOPS/DIV		
HOURS (cum.)	33.5		3 X 61/4 DC		6 1/4	26.68	12. LOT		
GRADE	IN		4 X HWDP		6 1/4 X 4 1/2	36.13	13. CORING		
AVGE ROP (m/hr)	8.6		XO		61/4	0.30	14. LOGGING		
WOB (mt)	4-10						15. REAM/WASH		
RPM	100-120						16. FISH/STUCK		
JET VEL (m/sec)	215		BHA LENGTH (m)			198.18	17. LOSS CIRC		
HHP @ BIT	88		BHA WEIGHT (Klbf)			43k	18. KICK CONTROL		
			STRING WEIGHT (Klbf)			106	19. SIDETRACK		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		20. RIG REPAIR		
7	960	1	348 mag		SS		21. WELL TEST		
8	1107	1	316 mag		SS		22. WO WEATHER		
9	1,260	3/4	150 mag		SS		23. WAIT -WOC		
10	1,399	1	37 mag		SS		24. ABD./SUSPEND		
11	1,560	1/2	278 mag		SS		25. RIG SERVICE		
							26. SLIP/CUT LINE		
							27. OTHER		
							COMPLETION		
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	264.0	
S STAB & NBR	6081/T 2276	91.5/33.5	DRAG - UP (Klbf)		1			264.0	
BICO JARS	DJ010	241.0	DRAG - DOWN (Klbf)		2				
MDC	700891	193	TORQUE-On Bottom (Kft.lb)		n/a				
Pony DC	F 57	33.5	TORQUE-Off Bottom (Kft.lb)		n/a				
S STAB	2265	193							
WEATHER	WEATHER STATE		RAINFALL (mm)	TEMP.(°C)	VISIBILITY (km)	WIND SPEED(kts)	OTHER		
	o/cast		Showers	8-19	good	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
	84	500					17,600		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	3		TRUCKS	LOAD	HOURS				
DRILLING CONTRACTOR	19								
SERVICE COMPANYS									
Mud Logging Crew	3								
Mud Engineer	1								
Cementers	0								
Electric Logging Crew									
DST Crew									
OTHERS									
TOTAL	26								
SUPERVISOR	D Hair		ENGINEER	GR	RIG MANAGER	D.Pollard			