



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL:	EASTWING 1	DATE:	13/05/08
PERMIT:	PEP 168	REPORT No:	DR 18
RIG:	ADS Rig 6	D.F.S.:	18

DEPTH 2400 Hrs:	TD 2257m	OPERATIONS at 0600 Hrs:	Wash tight spot running in for clean out trip		
EST. TOF:	2,186	FORMATION:			
24 HR PROG.:	0	LAST CASING:	9 5/8	AT:	578
HOLE SIZE:	8 1/2	ELEV:	59	RT - GL:	4.3
				SHOE L.O.T.:	13.3
				MAASP:	414

FROM	TO	HOURS	OPERATIONS
0-0	0200	2.0	Circ clean - Pump out 10 singles, high over pull - unable to pull without pumping
0200	0600	4.0	Circ mud wt up to 9.2 ppg - work pipe
0600	1600	10.0	Poh chain out - l/d jars & back off joint - recovered 11 drill collars. Top of fish at 2186m
1600	1700	1.0	Slip 60' drlg line
1700	2400	7.0	Prepare and rih new bha w/rerun bit
		24.0	HS&E No Incidents

OPERATIONS TO 0600 HRS: Rih work tight hole 1400m to 1516m- p/u kelly and wash/ream down

PROGRAMME NEXT 24 HRS: Ream tight spots to TOF - cond mud - poh & rih with cement stinger to set kick off plug

WELL COSTS (A\$)	DAILY COST:	\$58,123.00	CUMULATIVE:	\$1,641,304.00
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MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	9.2	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	323	
VISCOSITY(Secs)	45	Gel-0	DESILTER				LAST BOP DRILL	12/5/08	
pH	9	Kcl-126	DESANDER				LAST FIRE DRILL		
PV/YP	18/19	CaCo3-158	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	1/1	Phpa-0	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)	6.7	Xan-5					BOP TEST DUE	13/5/08	
WL HTHP(cc/30min)	-	So/Su-0	SHAKERS	2			FORMATION DATA		
CAKE(mm)	1	Pac-R-1	SCREENS	2x84-2x105			DEPTH		
SOLIDS %	4.6	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)		
SAND %	tr	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	27000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	5		LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	7.5		SPM	0	100		ECD (ppg)	9.54	
TEMP °C	-		GPM	0	250		LITHOLOGY		
HOLE VOL(bbl)	483		SPP ~ psi	0	500		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.				
BIT No.	4RR		TOOL		OD (in)	Length (m)			
SIZE (in)	8.5		BIT		8 1/2				
TYPE	FSX5657		BIT SUB						
IADC CODE			8 1/2" NB STAB				4. TRIP		16.5
SERIAL No.	11058761		2 x 6 1/4" DC				5. WIPER TRIP		23.5
NOZZLES(mm)			8 1/2 STAB				6. SURVEY		6.5
DEPTH IN (m)			10 x 6 1/4" DC				7. CIRC./COND		8.0
DEPTH OUT (m)			BICO JAR				8. HANDLE BHA	7.0	17.5
DRILLED (m. cum)			3 x 6 1/4" DC				9. CASE/CEMENT		13.0
HOURS (cum.)			4 X HWDP				10. WELLHEAD		1.5
GRADE			X/O				11. BOPS/DIV		23.5
AVGE ROP (m/hr)							12. LOT		1.0
WOB (mt)							13. CORING		
RPM							14. LOGGING		
JET VEL (m/sec)			BHA LENGTH (m)			0.00	15. REAM/WASH		9.5
HHP @ BIT			BHA WEIGHT (Klbf)				16. FISH/STUCK	16.0	94.0
			STRING WEIGHT (Klbf)				17. LOSS CIRC		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		18. KICK CONTROL		
							19. SIDETRACK		
							20. RIG REPAIR		16.5
							21. WELL TEST		
							22. WO WEATHER		
							23. WAIT -WOC		6.5
							24. ABD./SUSPEND		
							25. RIG SERVICE		4.5
							26. SLIP/CUT LINE	1.0	2.0
							27. OTHER		1.0
							COMPLETION		
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	456.0	
NB STAB	T1933		DRAG - UP (Klbf)		1		456.0		
BICO JARS			DRAG - DOWN (Klbf)		2				
STRING STAB	T2264		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		Showers	8-19	good	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
	84	500					7,000		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	2		TRUCKS	LOAD	HOURS				
DRILLING CONTRACTOR	20								
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			