



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: EASTWING 1	DATE: 30/04/08
PERMIT: PEP 168	REPORT No.: DR5
RIG: ADS Rig 6	D.F.S.: 5

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	8.6	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	309	
VISCOSITY(Secs)	34	Gel-0	DESILTER				LAST BOP DRILL		
pH	10.5	Kcl-126	DESANDER				LAST FIRE DRILL		
PV/YP	2/3	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	0/1	Phpa-4	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)		Xan-4					BOP TEST DUE	13/5/08	
WL HTHP(cc/30min)			SHAKERS	2			FORMATION DATA		
CAKE(mm)	1		SCREENS	2x84-2x105			DEPTH		
SOLIDS %	1		PUMPS	1	2	3	TRIP GAS (%)		
SAND %			TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	20000		STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	3		LINER(in)	6.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	5		SPM	50	120		ECD (ppg)		
TEMP °C	22		GPM	400	288		LITHOLOGY		
HOLE VOL(bbl)	128		SPP ~ psi	800	400		TIME ANALYSIS		
SURF VOL(bbl)	440		AV-DP(m/min)	188	ft/shoe				
LOSSES(bbl/hr)			AV-DC(m/min)	295					
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	3.0	34.0
BIT No.	1RR	2	TOOL		OD (in)	Length (m)	4. TRIP	3.5	6.5
SIZE (in)	12.1/4	8.5	BIT		8 1/2	0.30	5. WIPER TRIP		9.0
TYPE	JST11X	FSX565Z	N/B STAB		6 1/4 X 8 1/2	0.74	6. SURVEY		2.0
IADC CODE	117	S323	MUD MOTOR		8.5	7.95	7. CIRC./COND		4.0
SERIAL No.	L2337	11058761	8 1/2 STAB		6.25 X 8.5	1.52	8. HANDLE BHA	2.5	4.5
NOZZLES(mm)	3/16-1/14	5 X 12	MONEL		6.5	9.49	9. CASE/CEMENT		13.0
DEPTH IN (m)	22	582	8 1/2 STAB		6.25 X 8.5	1.54	10. WELLHEAD		1.5
DEPTH OUT (m)	582	~	12 X 6 1/4 DC		6 1/4	108.14	11. BOPS/DIV	10.0	23.5
DRILLED (m. cum)	560	23	BICO JAR		6 1/2	9.59	12. LOT	1.0	1.0
HOURS (cum.)	31	3.0	3 X 6 1/4 DC		6 1/4	26.68	13. CORING		
GRADE	1-1-SS-A-2E-1-NO-TD	IN	4 X HWDP		6 1/4 X 4 1/2	36.13	14. LOGGING		
AVGE ROP (m/hr)	18	7.0	XO		6 1/4	0.30	15. REAM/WASH	4.0	8.5
WOB (mt)	10	0-5					16. FISH/STUCK		
RPM	120	100					17. LOSS CIRC		
JET VEL (m/sec)	204	131	BHA LENGTH (m)			202.38	18. KICK CONTROL		
HHP @ BIT	96	18	BHA WEIGHT (Klbf)			43k	19. SIDETRACK		
			STRING WEIGHT (Klbf)			74	20. RIG REPAIR		1.0
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		21. WELL TEST		
1	33	1/2			TOTCO		22. WO WEATHER		
2	183	1/2			TOTCO		23. WAIT -WOC		6.5
3	327	1/2			TOTCO		24. ABD./SUSPEND		
4	488	3/4			TOTCO		25. RIG SERVICE		1.0
							26. SLIP/CUT LINE		
							27. OTHER		1.0
							COMPLETION		
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	144.0	
S STAB & NBR	6081/T 2276	3	DRAG - UP (Klbf)		2			144.0	
BICO JARS	DJ010	153.5	DRAG - DOWN (Klbf)		2				
MDC	700891	104.5	TORQUE-On Bottom (Kft.lb)		n/a				
MUD MOTOR	F 57	104.5	TORQUE-Off Bottom (Kft.lb)		n/a				
S STAB	2265	104.5							
WEATHER	WEATHER STATE		RAINFALL (mm)	TEMP.(°C)	VISIBILITY (km)	WIND SPEED(kts)	OTHER		
	o/cast		0	8-18	good	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
		500					27,600		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	2		TRUCKS	LOAD	HOURS				
DRILLING CONTRACTOR	19								
SERVICE COMPANYS									
Mud Logging Crew	2								
Mud Engineer	1								
Cementers	2								
Electric Logging Crew									
DST Crew									
OTHERS									
TOTAL	26								
SUPERVISOR	D Hair		ENGINEER	GR	RIG MANAGER	S.Kineally			