



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

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

DATE: 1/05/08
 REPORT No. DR6
 D.F.S. 6

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS			
DENSITY(SG)	8.8	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	310	
VISCOSITY(Secs)	37	Gel-0	DESILTER				LAST BOP DRILL		
pH	9	Kcl-105	DESANDER				LAST FIRE DRILL		
PV/YP	6/7	CaCo3-0	CENTRIFUGE 1				LAST H2S DRILL		
GELS 10/10	0/1	Phpa-10	CENTRIFUGE 2				LAST BOP TEST		
WL API (cc/30min)	11	Xan-8					BOP TEST DUE	13/5/08	
WL HTHP(cc/30min)		So/Su-3	SHAKERS	2			FORMATION DATA		
CAKE(mm)	1		SCREENS	2x84-2x105			DEPTH		
SOLIDS %	2.5		PUMPS	1	2	3	TRIP GAS (%)		
SAND %	.5		TYPE	SB 700	NP 600		CONN. GAS (%)		
CHLORIDES(mg/l)	19000		STROKE(in)	16	8		B'GRD GAS (%)		
KCL %	3		LINER(in)	6.5 x 2.75	5.5		PORE PRESS (ppg)		
MBT	9		SPM	50			ECD (ppg)		
TEMP °C	29		GPM	400			LITHOLOGY		
HOLE VOL(bbl)	179		SPP ~ psi	800			TIME ANALYSIS		
SURF VOL(bbl)	450		AV-DP(m/min)	218				HRS	CUM.
LOSSES(bbl/hr)			AV-DC(m/min)	341			1. MOVE RIG		
MUD Co	RMR		SCR - spm	25/400	60/200		2. RIG UP		27.0
MUD TYPE	KCL/PHPA		SCR - spm	20/260	76/240		3. DRILLING	22.0	56.0
BIT DATA			BHA DETAILS		BHA No.				
BIT No.	1RR	2	TOOL		OD (in)	Length (m)			
SIZE (in)	12.1/4	8.5	BIT		8 1/2	0.30	4. TRIP		
TYPE	JST11X	FSX565Z	N/B STAB		61/4 X 8 1/2	0.74	5. WIPER TRIP		
IADC CODE	117	S323	MUD MOTOR		8.5	7.95	6. SURVEY		
SERIAL No.	L2337	11058761	81/2 STAB		6.25 X 8.5	1.52	7. CIRC./COND		
NOZZLES(mm)	3/16-1/14	5 X 12	MONEL		6.5	9.49	8. HANDLE BHA		
DEPTH IN (m)	22	582	81/S STAB		6.25 X 8.5	1.54	9. CASE/CEMENT		
DEPTH OUT (m)	582	~	12 X 61/4 DC		6 1/4	108.14	10. WELLHEAD		
DRILLED (m. cum)	560	304	BICO JAR		6 1/2	9.59	11. BOPS/DIV		
HOURS (cum.)	31	22.0	3 X 61/4 DC		6 1/4	26.68	12. LOT		
GRADE	1-1-SS-A-2E-1-NO-TD	IN	4 X HWDP		6 1/4 X 4 1/2	36.13	13. CORING		
AVGE ROP (m/hr)	18	13.8	XO		61/4	0.30	14. LOGGING		
WOB (mt)	10	0-5					15. REAM/WASH		
RPM	120	150					16. FISH/STUCK		
JET VEL (m/sec)	204	268	BHA LENGTH (m)			202.38	17. LOSS CIRC		
HHP @ BIT	96	153	BHA WEIGHT (Klbf)			43k	18. KICK CONTROL		
			STRING WEIGHT (Klbf)			92	19. SIDETRACK		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS				
1	33	1/2			TOTCO		20. RIG REPAIR		
2	183	1/2			TOTCO		0.5		
3	327	1/2			TOTCO		22. WO WEATHER		
4	488	3/4			TOTCO		23. WAIT -WOC		
5	650	1	260 mag		SS		6.5		
6	806	3/4	305 mag		SS		24. ABD./SUSPEND		
							25. RIG SERVICE		
							0.5		
							26. SLIP/CUT LINE		
							1.0		
							27. OTHER		
							COMPLETION		
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	168.0	
S STAB & NBR	6081/T 2276	25	DRAG - UP (Klbf)		2			168.0	
BICO JARS	DJ010	175.5	DRAG - DOWN (Klbf)		2				
MDC	700891	126.5	TORQUE-On Bottom (Kft.lb)		n/a				
MUD MOTOR	F 57	126.5	TORQUE-Off Bottom (Kft.lb)		n/a				
S STAB	2265	126.5							
WEATHER	WEATHER STATE		RAINFALL (mm)	TEMP.(°C)	VISIBILITY (km)	WIND SPEED(kts)	OTHER		
	o/cast		Showers	8-22	good	0-5	cool		
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL		
		500					25,400		
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS			
OPERATOR	3		TRUCKS	LOAD	HOURS				
DRILLING CONTRACTOR	19								
SERVICE COMPANYS									
Mud Logging Crew	2								
Mud Engineer	1								
Cementers	0								
Electric Logging Crew									
DST Crew									
OTHERS									
TOTAL	25								
SUPERVISOR	D Hair		ENGINEER	GR	RIG MANAGER	S.Kineally			