



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

WELL: East Wing-1
 PERMIT: PEP 168
 RIG: ADS Rig 6

DATE: 26/04/08
 REPORT No. DR 1
 D.F.S. 1

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			SAFETY/BOP/DRILLS					
DENSITY(SG)	8.7	Bio-1		gpm	uf	hrs	ACCIDENT FREE DAYS	306			
VISCOSITY(Secs)	55	Gel-132	DESILTER				LAST BOP DRILL				
pH	8.5	kcl-84	DESANDER				LAST FIRE DRILL				
PV/YP	6/44		CENTRIFUGE 1				LAST H2S DRILL				
GELS 10/10	5/8		CENTRIFUGE 2				LAST BOP TEST				
WL API (cc/30min)							BOP TEST DUE				
WL HTHP(cc/30min)			SHAKERS	2			FORMATION DATA				
CAKE(mm)	1		SCREENS	2x84-2x105			DEPTH				
SOLIDS %	2.2		PUMPS	1	2	3	TRIP GAS (%)				
SAND %	.25		TYPE	SB 700	NP 600		CONN. GAS (%)				
CHLORIDES(mg/l)	12000		STROKE(in)	16	8		B'GRD GAS (%)				
KCL %	1.5		LINER(in)	6.5 x 2.75	5.5		PORE PRESS (ppg)				
MBT	15		SPM	61	0		ECD (ppg)				
TEMP °C			GPM	488			LITHOLOGY				
HOLE VOL(bbl)	96		SPP ~ psi	800			TIME ANALYSIS				
SURF VOL(bbl)	440		AV-DP(m/min)	106				HRS	CUM.		
LOSSES(bbl/hr)			AV-DC(m/min)	124/160			1. MOVE RIG				
MUD Co	RMR		SCR - spm	-	-		2. RIG UP	3.0	27.0		
MUD TYPE	Spud		SCR - spm	-	-		3. DRILLING	15.0	15.0		
BIT DATA			BHA DETAILS		BHA No.						
BIT No.	1RR		TOOL		OD (in)	Length (m)					
SIZE (in)	12.1/4		BIT		12 1/4	0.30	4. TRIP				
TYPE	JST11X		BIT SUB		8	0.83	5. WIPER TRIP				
IADC CODE	117		8" DC		8	9.25	6. SURVEY			1.0	1.0
SERIAL No.	L2337		8" STAB		12 1/4	1.36	7. CIRC./COND				
NOZZLES(mm)	3/16-1/14		8" DC		8	9.38	8. HANDLE BHA				
DEPTH IN (m)	22		X/O		8 X 6	0.71	9. CASE/CEMENT				
DEPTH OUT (m)	-		12 X 61/4 DC		6 1/4	108.14	10. WELLHEAD				
DRILLED (m. cum)	338		BICO JAR		6 1/2	9.59	11. BOPS/DIV				
HOURS (cum.)	15		3 X 61/4 DC		6 1/4	26.68	12. LOT				
GRADE			4 X HWDP		6 1/4 X 4 1/2	36.13	13. CORING				
AVGE ROP (m/hr)	23.5						14. LOGGING				
WOB (mt)	10						15. REAM/WASH			2.5	2.5
RPM	120						16. FISH/STUCK				
JET VEL (m/sec)	243						17. LOSS CIRC				
HHP @ BIT	151		BHA LENGTH (m)			202.37	18. KICK CONTROL				
			BHA WEIGHT (Klbf)			43k	19. SIDETRACK				
			STRING WEIGHT (Klbf)			74	20. RIG REPAIR			1.0	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 - OTHER				
							24. ABD./SUSPEND				
							25. RIG SERVICE			0.5	0.5
							26. SLIP/CUT LINE				
							27. OTHER[meeting]			1.0	1.0
							COMPLETION				
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	48.0			
12 1/4 STAB	T 2276	51	DRAG - UP (Klbf)		2			48.0			
BICO JARS	DJ010	131.5	DRAG - DOWN (Klbf)		2						
			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				
	Rain Showers			15-20	poor	0-10	cool				
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL				
							32,500				
PERSONNEL ON RIG			TRANSPORTATION			COMMENTS/REQUIREMENTS					
OPERATOR	1		TRUCKS	LOAD	HOURS	53 jts 95/8 csg on site					
DRILLING CONTRACTOR	20					95/8 Float collar is Hot Shot from Moomba ETA = 27/4/08					
SERVICE COMPANYS						Cementing trucks & crew arrived 26/4					
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					