



DAILY DRILLING REPORT

ESSENTIAL PETROLEUM EXPLORATION Pty Ltd

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

DATE: 21/05/08
REPORT No. DDR 26
D.F.S. 26

MUD PROPERTIES		ADDITIVES		SOLIDS CONTROL			SAFETY/BOP/DRILLS	
DENSITY(SG)	9.2	Bio-0		gpm	uf	hrs	ACCIDENT FREE DAYS	331
VISCOSITY(Secs)	47	Gel-0	DESILTER				LAST BOP DRILL	21/5/08
pH	9	Kcl-21	DESANDER				LAST FIRE DRILL	
PV/YP	19/26	CaCo3-24	CENTRIFUGE 1				LAST H2S DRILL	
GELS 10/10	2/4	Phpa-0	CENTRIFUGE 2				LAST BOP TEST	
WL API (cc/30min)	6.5	Xan-3					BOP TEST DUE	30/5/08
WL HTHP(cc/30min)	0	So/Su-1	SHAKERS	2		16	FORMATION DATA	
CAKE(mm)	1	Pac-R-6	SCREENS	4/52-4/154			DEPTH	
SOLIDS %	4.5	Caustic-0	PUMPS	1	2	3	TRIP GAS (%)	
SAND %	.5	Rod Free-0	TYPE	SB 700	NP 600		CONN. GAS (%)	
CHLORIDES(mg/l)	38000	Quickseal-0	STROKE(in)	16	8		B'GRD GAS (%)	
KCL %	3.3	Citric-	LINER(in)	5.5 x 2.75	5.5		PORE PRESS (ppg)	
MBT	10	Salt- 0	SPM	47	56		ECD (ppg)	
TEMP °C	38		GPM	134	263	400	LITHOLOGY	
HOLE VOL(bbl)	350		SPP ~ psi	450/500	0		TIME ANALYSIS	
SURF VOL(bbl)	430		AV-DP(m/min)	179				HRS CUM.
LOSSES(bbl/hr)			AV-DC(m/min)	280			1. MOVE RIG	
MUD Co	RMR		SCR - spm	25/150psi	55/180psi		2. RIG UP	27.0
MUD TYPE	KCL/PHPA		SCR - spm	40/240psi	65/260psi		3. DRILLING	10.5 194.5
BIT DATA			BHA DETAILS		BHA No.		4. TRIP	10.5 49.5
BIT No.	6	7	TOOL		OD (in)	Length (m)	5. WIPER TRIP	36.5
SIZE (in)	8.5	8.5	BIT		8 1/2	0.30	6. SURVEY	6.5
TYPE	FS2565	Stealth	USED N/B STAB FLOAT		0.73	0.73	7. CIRC./COND	0.5 15.0
IADC CODE	S 424		BIT SUB TOTCO RING		6 1/4	0.91	8. HANDLE BHA	34.5
SERIAL No.	5013339101		SCHLUM MONEL		6 1/4	8.42	9. CASE/CEMENT	13.0
NOZZLES(mm)	3/12-2/16	3 x 16	USED STRING STAB		6 1/4 X 8 3/8	1.54	10. WELLHEAD	1.5
DEPTH IN (m)	1549	1618	10 X DC'S		6 1/4	89.98	11. BOPS/DIV	31.5
DEPTH OUT (m)	1618		BICO JAR		30 1/2	9.75	12. LOT	1.0
DRILLED (m. cum)	69		3 X DC'S		15 1/4	27.13	13. CORING	
HOURS (cum.)	10.5		4 X HWDP		6.25 X 4.25	36.13	14. LOGGING	
GRADE	POH						15. REAM/WASH	1.0 16.5
AVGE ROP (m/hr)	6.5						16. FISH/STUCK	94.0
WOB (mt)	2-12						17. LOSS CIRC	
RPM	80-120						18. KICK CONTROL	
JET VEL (m/sec)	117		BHA LENGTH (m)			174.89	19. SIDETRACK	89.5
HHP @ BIT	59.6		BHA WEIGHT (Klbf)			43400	20. RIG REPAIR	1.0 17.5
			STRING WEIGHT (Klbf)			110	21. WELL TEST	
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		22. WO WEATHER	
ST-13	1505	7.25	45	1,505	SS		23. WAIT -WOC	6.5
ST-14	1525	9.5	50	1524	SS		24. ABD./SUSPEND	
ST-9	1437	6.25	43	1,437	SS		25. RIG SERVICE	0.5 5.5
ST-10	1447	6.5	47	1,447	SS		26. SLIP/CUT LINE	3.0
ST-11	1486	6.5	49	1,485	SS		27. OTHER	5.0
ST-12	1496	6.5	47	1495	SS		COMPLETION	
DRILLING TOOLS	SERIAL No.	CUM. HOURS	DRILLING DATA			TOTAL (HRS)	24.0	648.0
SCHLUMBERGER	K/O TOOLS	46.5	DRAG - UP (Klbf)		5		648.0	
BICO JAR	DJ001	57.0	DRAG - DOWN (Klbf)		2			
MONEL	K779	57.0	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	8-15	fair	0-5	cool	
BULK STOCK	GEL(sx)	BARITE(sx)	CEMENT(sx)	DRILLWATER		POT WATER	DIESEL FUEL	
	84	500					20,800	
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		