

ESSENTIAL PETROLEUM RESOURCES LTD

DAILY DRILLING REPORT

WELL:
 PERMIT:
 RIG:

DATE:
 REPORT No.
 D.F.S.

DEPTH 2400 Hrs: STATUS at 2400 Hrs:
 TVD: FORMATION:
 24 HR PROG.: LAST CASING: at SHOE F.I.T.:
 HOLE SIZE: ELEV: RT - GL: MAASP:

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA		
DENSITY(ppg)	9.7	Caustic 1	Removal %	uf-ppg	hrs	DEPTH		
VISCOSITY(Seccs)	40	Pac-R 6	DESILTER	12.8	17	TRIP GAS (%)		
pH	8.5	KCL 60	DESANDER	12.8	17	CONN. GAS (%)		
PV/YP	11 / 13	Sodium Sulp 2	CENTRIFUGE 1			B'GRD GAS (%)		
GELS lb/1000ftsq	3 / 9	Xanthan g 2				PORE PRESS (ppg)		
WL API (cc/30min)	7.2			1	2	ECD (ppg)	9.86	
WL HTHP(cc/30min)			SHAKERS			MAX GAS (%) 102		
CAKE(1/32")	1	\$2,968	SCREENS	110/84/84		DRILLS / BOPS		
SOLIDS %	8.6		PUMPS	1	2	LAST BOP DRILL	10.04.06	
SAND %	tr		TYPE	TSM 500	EMSCO 550	LAST FIRE DRILL		
CHLORIDES(mg/l)	19,000		STROKE(in)	16	16	LAST H2S DRILL		
KCL %	4		LINER(in)	5.5	5.5	LAST BOP TEST	1.04.06	
MBT			SPM	35	35	BOP TEST DUE	15.04.06	
TEMP °F			GPM	186	186	ACCIDENT FREE DAYS	592	
HOLE VOL(bbl)	475		AV-DP(m/min)		53	TIME ANALYSIS		
SURF VOL(bbl)	320		AV-DC(m/min)		92		HRS	
LOSSES(bbl/hr)	nil		SPP(psi)	1,350	1,350		CUM.	
MUD Co	RMN		SCR - spm	30-350psi	30-350psi	1. MOVE RIG		
MUD TYPE	KCL/PHPA		SCR - spm	40-500psi	40-500psi	2. RIG UP		
BIT DATA			BHA DETAILS		BHA No.	3	3. DRILLING	15.0
BIT No.	4 Re-Run	5 Re-Run #4	TOOL		Length (m)		4. TRIP	37.0
SIZE (in)	8.5	8.5	Bit: # 5 RR #4 PDC		8.5	0.35	5. WIPER TRIP	4.0
TYPE	PDC	PDC	Bit Sub float & totco ring			0.91	6. SURVEY	3.5
IADC CODE	FS2565	FS2565	1 x 6-1/2" Drill collar			9.15	7. CIRC./COND	1.0
SERIAL No.	59962565	59962565	Stabilizer Transco T1633		8.5"	1.54	8. HANDLE BHA	3.5
NOZZLES(32's)	5 x 12	5 x 12	4 x 6-1/2 " Drill collar			37.7	9. CSG/CEMENT	17.0
DEPTH IN (m)	1395	2098	JAR DJO1O			9.56	10. WELLHEAD	8.0
DEPTH OUT (m)	2098		1 x 6-1/2" Drill Collar			9.03	11. BOPS/DIV	19.5
DRILLED (m. cum)	703	107 (1110)					12. LOT/FIT	1.0
HOURS (cum.)	55	15 (99)					13. CORING	
GRADE			HWDP x 4			36.58	14. LOGGING	
AVGE ROP (m/hr)	12.8	10.1					15. REAM/WASH	2.5
WOB (mt)	5	5					16. FISH/STUCK	1.5
RPM	100	100					17. LOSS CIRC	
JET VEL (m/sec)	65	65	BHA LENGTH (m)			104.82	18. KICK CONTROL	
HHP @ BIT	26	26	BHA WEIGHT (Klbf)		B/Jars (K)	12K	19. SIDETRACK	
			STRING WEIGHT (Klbf)		116,000		20. RIG REPAIR	
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS			21. WELL TEST
Wireline	1185 m	1.25deg						22. WO WEATHER
Wireline	1497m	1.50deg						23. WAIT - OTHER
Wireline	1768m	2.25deg						24. ABD./SUSP
								25. RIG SERVICE
								26. SLIP/CUT LINE
								27. OTHER
								28. HANDLE D.P.
DRILLING TOOLS	SERIAL No.	HOURS	DRILLING DATA			TOTAL (HRS)	24.0	347.5
			DRAG - UP (Klbf)		3			
String Stab x 1	Transco	162	DRAG - DOWN (Klbf)		3			
Jar		169.5	TORQUE-On Bottom (ft.lb)					
			TORQUE-Off Bottom (ft.lb)					

