

**ESSENTIAL PETROLEUM RESOURCES LTD**

**DAILY DRILLING REPORT**

WELL: Pritchard-1  
 PERMIT: PEP 151  
 RIG: Hunt Rig 2

DATE: 5/4/06  
 REPORT No. 10  
 D.F.S. 10

DEPTH 2400 Hrs: 1395 STATUS at 2400 Hrs: R.I.H Bit # 4 (PDC)  
 TVD: 1395 FORMATION: Paaratte  
 24 HR PROG.: 114 LAST CASING: 31/03/2006 at 831.60m SHOE F.I.T.:  
 HOLE SIZE: 216mm ELEV: 42.3m RT - GL: 38m MAASP: 80psi

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA	
DENSITY(ppg)	9.40	AMC Pac R 5	Removal %	uf-ppg	hrs	DEPTH	
VISCOSITY(Secc)	42	KCL 36	DESILTER	12.8	9	TRIP GAS (%)	
pH	8.5	Soda ash 4	DESANDER		14	CONN. GAS (%)	
PV/YP	15 / 12	Sod Sulphite 2	CENTRIFUGE 1			B'GRD GAS (%)	
GELS lb/1000ftsq	1 / 5	\$1,637				PORE PRESS (ppg)	
WL API (cc/30min)	7.0			1	2	ECD (ppg)	
WL HTHP(cc/30min)			SHAKERS			MAX GAS (%) 102	
CAKE(1/32")	1		SCREENS	84/84/84		DRILLS / BOPS	
SOLIDS %	6.4		PUMPS	1	2	LAST BOP DRILL	
SAND %	tr		TYPE	TSM 500	EMSCO 550	LAST FIRE DRILL	
CHLORIDES(mg/l)	20,000		STROKE(in)	16	16	LAST H2S DRILL	
KCL %			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	175	175	ACCIDENT FREE DAYS 586	
HOLE VOL(bbl)	298		AV-DP(m/min)		50	TIME ANALYSIS	
SURF VOL(bbl)	380		AV-DC(m/min)		87		HRS CUM.
LOSSES(bbl/hr)	nil		SPP(psi)		1,295	1. MOVE RIG	
MUD Co	RMN		SCR - spm			2. RIG UP	
MUD TYPE	KCL/PHPA		SCR - spm			3. DRILLING	14.0 122.0

BIT DATA		BHA DETAILS		BHA No.	2		
BIT No.	3	TOOL		OD (in)	Length (m)	4. TRIP	7.5 18.5
SIZE (in)	8.5	Bit:		8.5	0.4	5. WIPER TRIP	4.5
TYPE	CH1GMS	N.B.S Schlumberger		8.5"	1.76	7. CIRC./COND	1.0 3.0
IADC CODE	1.1.7	1 x 6-1/2" Drill collar			9.15	8. HANDLE BHA	1.5 3.5
SERIAL No.	218944	Stabilizer Transco T1633		8.5"	1.54	9. CSG/CEMENT	17.0
NOZZLES(32's)	14-14-15	2 x 6-1/2 " Drill collar			18.76	10. WELLHEAD	8.0
DEPTH IN (m)	1158	Stabilizer Spiral Lakes Oil		8.5"	1.14	11. BOPS/DIV	19.5
DEPTH OUT (m)	1395	10 x 6-1/2" Drill Collar			93.8	12. LOT/FIT	1.0
DRILLED (m. cum)	237	JAR DJO1O Transco		6.5"	9.56	13. CORING	
HOURS (cum.)	28.5	2 x 6-1/2 " Drill collar			18.28	14. LOGGING	
GRADE	6 5 WTAE2ER PR	HWDP x 4			36.58	15. REAM/WASH	2.5
AVGE ROP (m/hr)	8.3					16. FISH/STUCK	
WOB (mt)	7					17. LOSS CIRC	
RPM	100					18. KICK CONTROL	
JET VEL (m/sec)	75m/sec				191.26	19. SIDETRACK	
HHP @ BIT	32					20. RIG REPAIR	
						21. WELL TEST	

SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		
Wireline	1185 m	1.25deg				22. WO WEATHER	
						23. WAIT - OTHER	
						24. ABD./SUSP	
						25. RIG SERVICE	
						26. SLIP/CUT LINE	1.0
						27. OTHER	3.5
						28. HANDLE D.P.	

DRILLING TOOLS	SERIAL No.	HOURS	DRILLING DATA		TOTAL (HRS)	24.0	206.0
N.B.S		64	DRAG - UP (Klbf)	4			
String Stab x 2		64	DRAG - DOWN (Klbf)	3			
Jar		120.5	TORQUE-On Bottom (ft.lb)				
			TORQUE-Off Bottom (ft.lb)				

