

**ESSENTIAL PETROLEUM RESOURCES LTD**

**DAILY DRILLING REPORT**

<b>WELL:</b> Pritchard-1	<b>DATE:</b> 13/4/06
<b>PERMIT:</b> PEP 151	<b>REPORT No.:</b> 18
<b>RIG:</b> Hunt Rig 2	<b>D.F.S.:</b> 18

<b>DEPTH 2400 Hrs:</b> 2543	<b>STATUS at 2400 Hrs:</b> Setting plug # 2 1375m to 1300m
<b>TVD:</b> 2543	<b>FORMATION:</b> Isolated Paaratte from Pebble point formation
<b>24 HR PROG.:</b>	<b>LAST CASING:</b> 31/03/2006 at 831.60m <b>SHOE F.I.T.:</b>
<b>HOLE SIZE:</b> 216mm	<b>ELEV:</b> 42.3m <b>RT - GL:</b> 38m <b>MAASP:</b> 80psi

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA	
DENSITY(ppg)			Removal %	uf-ppg	hrs	DEPTH	
VISCOSITY(Secs)		DESILTER				TRIP GAS (%)	
pH		DESANDER				CONN. GAS (%)	
PV/YP		CENTRIFUGE 1				B'GRD GAS (%)	
GELS lb/1000ftsq						PORE PRESS (ppg)	
WL API (cc/30min)			1	2		ECD (ppg)	
WL HTHP(cc/30min)		SHAKERS				MAX GAS (%) 102	
CAKE(1/32")		SCREENS	110/84/84			<b>DRILLS / BOPS</b>	
SOLIDS %		<b>PUMPS</b>	1	2		LAST BOP DRILL	10.04.06
SAND %		TYPE	TSM 500	EMSCO 550		LAST FIRE DRILL	
CHLORIDES(mg/l)		STROKE(in)	16	16		LAST H2S DRILL	
KCL %		LINER(in)	5.5	5.5		LAST BOP TEST	1.04.06
MBT		SPM				BOP TEST DUE	15.04.06
TEMP °F		GPM				ACCIDENT FREE DAYS	592
HOLE VOL(bbl)		AV-DP(m/min)				<b>TIME ANALYSIS</b>	
SURF VOL(bbl)		AV-DC(m/min)					<b>HRS CUM.</b>
LOSSES(bbl/hr)		SPP(psi)				1. MOVE RIG	
MUD Co	RMN	SCR - spm				2. RIG UP	
MUD TYPE	KCL/PHPA	SCR - spm				3. DRILLING	228.0
<b>BIT DATA</b>		<b>BHA DETAILS</b>		<b>BHA No.</b>		4. TRIP	45.0
BIT No.		<b>TOOL</b>		<b>OD (in)</b>	<b>Length (m)</b>	5. WIPER TRIP	13.5
SIZE (in)						6. SURVEY	3.5
TYPE						7. CIRC./COND	8.5
IADC CODE						8. HANDLE BHA	3.5
SERIAL No.						9. CSG/CEMENT	17.0
NOZZLES(32's)						10. WELLHEAD	8.0
DEPTH IN (m)						11. BOPS/DIV	19.5
DEPTH OUT (m)						12. LOT/FIT	1.0
DRILLED (m. cum)						13. CORING	
HOURS (cum.)						14. LOGGING	8.0 16.0
GRADE						15. REAM/WASH	2.5
AVGE ROP (m/hr)						16. FISH/STUCK	1.5
WOB (mt)						17. LOSS CIRC	
RPM						18. KICK CONTROL	
JET VEL (m/sec)		<b>BHA LENGTH (m)</b>				19. SIDETRACK	
HHP @ BIT		<b>BHA WEIGHT (Klbf)</b>				20. RIG REPAIR	
		<b>STRING WEIGHT (Klbf)</b>				21. WELL TEST	
<b>SURVEYS:</b>	<b>DEPTH</b>	<b>DEVIATION</b>	<b>AZIMUTH</b>	<b>TVD</b>	<b>COMMENTS</b>	22. WO WEATHER	
<b>Wireline</b>						23. WAIT - OTHER	
						24. ABD./SUSP	16.0 16.0
						25. RIG SERVICE	0.5
						26. SLIP/CUT LINE	5.5
						27. OTHER	6.0
						28. HANDLE D.P.	
<b>DRILLING TOOLS</b>	<b>SERIAL No.</b>	<b>HOURS</b>	<b>DRILLING DATA</b>			<b>TOTAL (HRS)</b>	24.0 395.5
			DRAG - UP (Klbf)				
			DRAG - DOWN (Klbf)				
			TORQUE-On Bottom (ft.lb)				
			TORQUE-Off Bottom (ft.lb)				

