

ESSENTIAL PETROLEUM RESOURCES LTD

DAILY DRILLING REPORT

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

DATE: 6/4/06
 REPORT No. 11
 D.F.S. 11

DEPTH 2400 Hrs: 1600 STATUS at 2400 Hrs: Drilling 8-1/2" hole at 1600m
 TVD: 1600 FORMATION: Lower Paaratte
 24 HR PROG.: 205 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)	9.5	AMC Biocide 4	Removal %	uf-ppg	hrs	DEPTH	
VISCOSITY(Seccs)	41	AMC Pac R 3	DESILTER	13.8	20	TRIP GAS (%)	
pH	9.0	Aus-Ben 10	DESANDER	12.8	20	CONN. GAS (%)	
PV/YP	13 / 11	Barite 15	CENTRIFUGE 1			B'GRD GAS (%)	
GELS lb/1000ftsq	1 / 6	Caustic 1				PORE PRESS (ppg)	
WL API (cc/30min)	6.4	PHPA 1		1	2	ECD (ppg)	
WL HTHP(cc/30min)		KCL 80	SHAKERS			MAX GAS (%) 102	
CAKE(1/32")	1	Soda Ash 1	SCREENS	84/84/84		DRILLS / BOPS	
SOLIDS %	7.1	Xanthan Gum 3	PUMPS	1	2	LAST BOP DRILL	
SAND %	tr	\$4,279	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 587	
HOLE VOL(bbl)	342		AV-DP(m/min)		53	TIME ANALYSIS	
SURF VOL(bbl)	320		AV-DC(m/min)		92		HRS CUM.
LOSSES(bbl/hr)	nil		SPP(psi)		1,200	1. MOVE RIG	
MUD Co	RMN		SCR - spm	31-325psi	30-300psi	2. RIG UP	
MUD TYPE	KCL/PHPA		SCR - spm	40-450psi	40-500psi	3. DRILLING	19.5 141.5
BIT DATA		BHA DETAILS		BHA No.	3	4. TRIP	3.5 22.0
BIT No.	4 Re-Run	TOOL		OD (in)	Length (m)	5. WIPER TRIP	4.5
SIZE (in)	8.5	Bit: # 4 RR PDC		8.5	0.35	6. SURVEY	0.5 2.5
TYPE	PDC	Bit Sub float & totco ring			0.91	7. CIRC./COND	0.5 3.5
IADC CODE		1 x 6-1/2" Drill collar			9.15	8. HANDLE BHA	3.5
SERIAL No.	59962565	Stabilizer Transco T1633		8.5"	1.54	9. CSG/CEMENT	17.0
NOZZLES(32's)	5 x 12	12 x 6-1/2 " Drill collar			112.56	10. WELLHEAD	8.0
DEPTH IN (m)	1395	JAR DJO1O			9.56	11. BOPS/DIV	19.5
DEPTH OUT (m)	S-I-H	2 x 6-1/2" Drill Collar			18.28	12. LOT/FIT	1.0
DRILLED (m. cum)	205					13. CORING	
HOURS (cum.)	19.5					14. LOGGING	
GRADE		HWDP x 4			36.58	15. REAM/WASH	2.5
AVGE ROP (m/hr)	10.5					16. FISH/STUCK	
WOB (mt)	5					17. LOSS CIRC	
RPM	100					18. KICK CONTROL	
JET VEL (m/sec)	65	BHA LENGTH (m)			188.93	19. SIDETRACK	
HHP @ BIT	26	BHA WEIGHT (Klbf)		B/Jars (K)	37K	20. RIG REPAIR	
		STRING WEIGHT (Klbf)			90	21. WELL TEST	
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS	22. WO WEATHER	
Wireline	1185 m	1.25deg				23. WAIT - OTHER	
	1497m	1.50deg				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	230.0
			DRAG - UP (Klbf)	4			
String Stab x 1	Transco	83.5	DRAG - DOWN (Klbf)	3			
Jar		140	TORQUE-On Bottom (ft.lb)				
			TORQUE-Off Bottom (ft.lb)				

