

ESSENTIAL PETROLEUM RESOURCES LTD

DAILY DRILLING REPORT

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

DATE: 7/4/06
 REPORT No. 12
 D.F.S. 12

DEPTH 2400 Hrs: 1872 STATUS at 2400 Hrs: Drilling 8-1/2" hole at 1872m
 TVD: 1872 FORMATION: Lower Paaratte
 24 HR PROG.: 272 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)	9.6	Biocide G 1		Removal %	uf-ppg	hrs	DEPTH		
VISCOSITY(Secc)	41	Pac-R 4	DESILTER		13	22	TRIP GAS (%)		
pH	8.5	KCL 24	DESANDER		12.8	22	CONN. GAS (%)		
PV/YP	11 / 12	Sod Sulphite 4	CENTRIFUGE 1				B'GRD GAS (%)		
GELS lb/1000ftsq	1 / 5	Xanthan Gum 2					PORE PRESS (ppg)		
WL API (cc/30min)	7.4	\$2,148			1	2	ECD (ppg)		
WL HTHP(cc/30min)			SHAKERS				MAX GAS (%) 102		
CAKE(1/32")	1		SCREENS	110/110/110			DRILLS / BOPS		
SOLIDS %	7.9		PUMPS	1	2		LAST BOP DRILL		
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		
MBT			SPM	35	35		BOP TEST DUE		
TEMP °F			GPM	186	186		ACCIDENT FREE DAYS		
HOLE VOL(bbl)	399		AV-DP(m/min)		53		TIME ANALYSIS		
SURF VOL(bbl)	320		AV-DC(m/min)		92			HRS	
LOSSES(bbl/hr)	nil		SPP(psi)		1,250			CUM.	
MUD Co	RMN		SCR - spm	31-325psi	30-325psi		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	19.0	160.5
BIT No.	4 Re-Run		TOOL		OD (in)	Length (m)	4. TRIP		22.0
SIZE (in)	8.5		Bit: # 4 RR PDC		8.5	0.35	5. WIPER TRIP	3.0	7.5
TYPE	PDC		Bit Sub float & totco ring			0.91	6. SURVEY	1.0	3.5
IADC CODE	FS2565		1 x 6-1/2" Drill collar			9.15	7. CIRC./COND	1.0	4.5
SERIAL No.	59962565		Stabilizer Transco T1633		8.5"	1.54	8. HANDLE BHA		3.5
NOZZLES(32's)	5 x 12		12 x 6-1/2 " Drill collar			112.56	9. CSG/CEMENT		17.0
DEPTH IN (m)	1395		JAR DJO1O			9.56	10. WELLHEAD		8.0
DEPTH OUT (m)	S-I-H		2 x 6-1/2" Drill Collar			18.28	11. BOPS/DIV		19.5
DRILLED (m. cum)	477						12. LOT/FIT		1.0
HOURS (cum.)	38.5						13. CORING		
GRADE			HWDP x 4			36.58	14. LOGGING		
AVGE ROP (m/hr)	12.3						15. REAM/WASH		2.5
WOB (mt)	5						16. FISH/STUCK		
RPM	100						17. LOSS CIRC		
JET VEL (m/sec)	65						18. KICK CONTROL		
HHP @ BIT	26						19. SIDETRACK		
			BHA LENGTH (m)			188.93	20. RIG REPAIR		
			BHA WEIGHT (Klbf)		B/Jars (K)	37K	21. WELL TEST		
			STRING WEIGHT (Klbf)			100	22. WO WEATHER		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS		23. WAIT - OTHER		
Wireline	1185 m	1.25deg					24. ABD./SUSP		
Wireline	1497m	1.50deg					25. RIG SERVICE		
Wireline	1768m	2.25deg					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	254.0	
			DRAG - UP (Klbf)		2				
String Stab x 1	Transco	102.5	DRAG - DOWN (Klbf)		2				
Jar		159	TORQUE-On Bottom (ft.lb)						
			TORQUE-Off Bottom (ft.lb)						

