

ESSENTIAL PETROLEUM RESOURCES LTD

DAILY DRILLING REPORT

WELL: Pritchard-1	DATE: 12/4/06
PERMIT: PEP 151	REPORT No. 17
RIG: Hunt Rig 2	D.F.S. 17

DEPTH 2400 Hrs: 2543	STATUS at 2400 Hrs: Schlumberger Running first log PEX-ALS-SONIC
TVD: 2543	FORMATION:
24 HR PROG.: 38	LAST CASING: 31/03/2006 at 831.60m
HOLE SIZE: 216mm	ELEV: 42.3m RT - GL: 38m
	SHOE F.I.T.: MAASP: 80psi

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA		
DENSITY(ppg)	9.6		Removal %	uf-ppg	hrs	DEPTH		
VISCOSITY(Secs)	40	Pac-R 6	DESILTER	12.8	8	TRIP GAS (%)		
pH	8.5	KCL 18	DESANDER	12.8	8	CONN. GAS (%)		
PV/YP	11 / 14	Sodium Sulp 2	CENTRIFUGE 1			B'GRD GAS (%)		
GELS lb/1000ftsq	3 / 11	Xanthan g 2				PORE PRESS (ppg)		
WL API (cc/30min)	7.8			1	2	ECD (ppg)	9.77	
WL HTHP(cc/30min)			SHAKERS			MAX GAS (%) 102		
CAKE(1/32")	1	\$2,098	SCREENS	110/84/84		DRILLS / BOPS		
SOLIDS %	7.9		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 CUM.	
LOSSES(bbl/hr)	nil		SPP(psi)	1,350	1,350	1. MOVE RIG		
MUD Co	RMN		SCR - spm	30-350psi	30-350psi	2. RIG UP		
MUD TYPE	KCL/PHPA		SCR - spm	40-500psi	40-500psi	3. DRILLING	7.0 228.0	
BIT DATA			BHA DETAILS		BHA No.	3	4. TRIP	8.0 45.0
BIT No.		5 Re-Run #4	TOOL		OD (in)	Length (m)	5. WIPER TRIP	13.5
SIZE (in)		8.5	Bit: # 5 RR #4 PDC		8.5	0.35	6. SURVEY	3.5
TYPE		PDC	Bit Sub float & totco ring			0.91	7. CIRC./COND	1.0 8.5
IADC CODE		FS2565	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	4 x 6-1/2 " Drill collar			37.7	10. WELLHEAD	8.0
DEPTH IN (m)		2098	JAR DJO10			9.56	11. BOPS/DIV	19.5
DEPTH OUT (m)		2543	1 x 6-1/2" Drill Collar			9.03	12. LOT/FIT	1.0
DRILLED (m. cum)		1148					13. CORING	
HOURS (cum.)		97					14. LOGGING	8.0 8.0
GRADE			HWDP x 4			36.58	15. REAM/WASH	2.5
AVGE ROP (m/hr)		11.8					16. FISH/STUCK	1.5
WOB (mt)		5					17. LOSS CIRC	
RPM		100					18. KICK CONTROL	
JET VEL (m/sec)		65	BHA LENGTH (m)			104.82	19. SIDETRACK	
HHP @ BIT		26	BHA WEIGHT (Klbf)		B/Jars (K)	12K	20. RIG REPAIR	
			STRING WEIGHT (Klbf)			137,000	21. WELL TEST	
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS			
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
								0.5
								26. SLIP/CUT LINE
								5.5
								27. OTHER
								6.0
								28. HANDLE D.P.
DRILLING TOOLS	SERIAL No.	HOURS	DRILLING DATA			TOTAL (HRS)	24.0	371.5
			DRAG - UP (Klbf)		3			
String Stab x 1	Transco	170	DRAG - DOWN (Klbf)		3			
Jar		177.5	TORQUE-On Bottom (ft.lb)					
			TORQUE-Off Bottom (ft.lb)					

