

ESSENTIAL PETROLEUM RESOURCES LTD

DAILY DRILLING REPORT

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

DATE: 30/3/06
 REPORT No. 4
 D.F.S. 4

DEPTH 2400 Hrs: 836.00m STATUS at 2400 Hrs: Running 9.625" Casing 4 jnts to go
 TVD: 836.00m FORMATION:
 24 HR PROG.: 67m LAST CASING: 406mm at 40.26m rkb SHOE F.I.T.:
 HOLE SIZE: 311mm ELEV: 42.3m RT - GL: 38m MAASP:

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA			
DENSITY(ppg)	9.50		Removal %	uf-ppg	hrs	DEPTH			
VISCOSITY(SeCS)	45		DESILTER		10	TRIP GAS (%)			
pH	8.5		DESANDER		10	CONN. GAS (%)			
PV/YP	14 / 12		CENTRIFUGE 1			B'GRD GAS (%)			
GELS lb/1000fts ²	4 / 14					PORE PRESS (ppg)			
WL API (cc/30min)	11			1	2	ECD (ppg)			
WL HTHP(cc/30min)			SHAKERS			MAX GAS (%) 102			
CAKE(1/32")	2		SCREENS	84/84/84		DRILLS / BOPS			
SOLIDS %	8.2		PUMPS	1	2	LAST BOP DRILL			
SAND %	0.25		TYPE	TSM 500	EMSCO 550	LAST FIRE DRILL			
CHLORIDES(mg/l)	1,200		STROKE(in)	16	16	LAST H2S DRILL			
KCL %			LINER(in)	5.5	5.5	LAST BOP TEST			
MBT	17.00		SPM	40	40	BOP TEST DUE			
TEMP °F			GPM	210	210	ACCIDENT FREE DAYS 578			
HOLE VOL(bbl)	383		AV-DP(m/min)		80ft/min	TIME ANALYSIS			
SURF VOL(bbl)	232		AV-DC(m/min)		121ft/min		HRS	CUM.	
LOSSES(bbl/hr)			SPP(psi)		825	1. MOVE RIG			
MUD Co	RMN		SCR - spm			2. RIG UP			
MUD TYPE	SPUD MUD		SCR - spm			3. DRILLING	7.5	57.0	
BIT DATA			BHA DETAILS		BHA No.	1	4. TRIP	4.5	
BIT No.	1		TOOL		OD (in)	Length (m)	5. WIPER TRIP	2.5	4.5
SIZE (in)	12.25		Bit:		12.25	0.32	6. SURVEY	1.0	1.5
TYPE	CHIGMS		N.B.S			2.01	7. CIRC./COND	1.0	1.5
IADC CODE	1--1--7		8 " Drill collar			9.25	8. HANDLE BHA		2.0
SERIAL No.	218316		Stabilizer Spiral			1.35	9. CSG/CEMENT	7.5	
NOZZLES(32's)	18-18-18		8 " Drill collar			9.37	10. WELLHEAD		
DEPTH IN (m)	43		Cross Over Sub			0.6	11. BOPS/DIV		
DEPTH OUT (m)	836		6.50" Drill Collar x 7			65.83	12. LOT/FIT		
DRILLED (m. cum)	793		JAR			9.56	13. CORING		
HOURS (cum.)	57		6.50" Drill Collar x2			18.28	14. LOGGING		
GRADE 4-3 ER-	C-I-WT-TD		HWDP x 4			36.58	15. REAM/WASH		2.5
AVGE ROP (m/hr)	13.9						16. FISH/STUCK		
WOB (mt)	4-10						17. LOSS CIRC		
RPM	110					153.15	18. KICK CONTROL		
JET VEL (m/sec)	55		BHA LENGTH (m)			306.3	19. SIDETRACK		
HHP @ BIT	71		BHA WEIGHT (Klbf)		B/Jars (K)30	K36	20. RIG REPAIR		
			STRING WEIGHT (Klbf)			65k	21. WELL TEST		
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS				
Wireline	826m	1.00deg							
DRILLING TOOLS	SERIAL No.	HOURS	DRILLING DATA			TOTAL (HRS)	24.0	69.0	
N.B.S		57	DRAG - UP (Klbf)		2				
String Stab		57	DRAG - DOWN (Klbf)		2				
Jar		57	TORQUE-On Bottom (ft.lb)		nil				
			TORQUE-Off Bottom (ft.lb)		nil				

