

ESSENTIAL PETROLEUM RESOURCES LTD

DAILY DRILLING REPORT

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

DATE: 3/4/06
 REPORT No. 8
 D.F.S. 8

DEPTH 2400 Hrs: 1158 STATUS at 2400 Hrs: Trip out for Bit change
 TVD: 1158 FORMATION: Pember Mud stone
 24 HR PROG.: 109 LAST CASING: 31/03/2006 at 831.60m SHOE F.I.T.:
 HOLE SIZE: 216mm ELEV: 42.3m RT - GL: 38m MAASP: 170psi

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA	
DENSITY(ppg)	9.20	Saap 2	Removal %	uf-ppg	hrs	DEPTH	
VISCOSITY(Seccs)	43	PHPA 4	DESILTER	13	19	TRIP GAS (%)	
pH	9.0	Pot Chl 30	DESANDER	12.8	19	CONN. GAS (%)	
PV/YP	14 / 13	Barite 15	CENTRIFUGE 1			B'GRD GAS (%)	
GELS lb/1000ftsq	1 / 4	Soda ash 4				PORE PRESS (ppg)	
WL API (cc/30min)	6.0	Xanthan gum 1		1	2	ECD (ppg)	
WL HTHP(cc/30min)			SHAKERS			MAX GAS (%) 102	
CAKE(1/32")	1		SCREENS	84/84/84		DRILLS / BOPS	
SOLIDS %	4.9		PUMPS	1	2	LAST BOP DRILL	
SAND %	0.50		TYPE	TSM 500	EMSCO 550	LAST FIRE DRILL	
CHLORIDES(mg/l)	20,000		STROKE(in)	16	16	LAST H2S DRILL	
KCL %			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 581	
HOLE VOL(bbl)	247		AV-DP(m/min)		53	TIME ANALYSIS	
SURF VOL(bbl)	380		AV-DC(m/min)		92		HRS CUM.
LOSSES(bbl/hr)	nil		SPP(psi)		1,350	1. MOVE RIG	
MUD Co	RMN		SCR - spm			2. RIG UP	
MUD TYPE	KCL/PHPA		SCR - spm			3. DRILLING	17.5 93.5
BIT DATA		BHA DETAILS		BHA No.	2	4. TRIP	4.0 6.0
BIT No.	2	TOOL		OD (in)	Length (m)	5. WIPER TRIP	4.5
SIZE (in)	8.5	Bit:		8.5	0.4	6. SURVEY	1.5
TYPE	CH1GMS	N.B.S Schlumberger		8.5"	1.76	7. CIRC./COND	1.0 3.0
IADC CODE	1/01/2007	1 x 6-1/2" Drill collar			9.15	8. HANDLE BHA	2.0
SERIAL No.	218994	Stabilizer Transco T1633		8.5"	1.54	9. CSG/CEMENT	17.0
NOZZLES(32's)	12/12/2012	2 x 6-1/2 " Drill collar			18.76	10. WELLHEAD	8.0
DEPTH IN (m)	836	Stabilizer Spiral Lakes Oil		8.5"	1.14	11. BOPS/DIV	19.5
DEPTH OUT (m)	1158	10 x 6-1/2" Drill Collar			93.8	12. LOT/FIT	1.0
DRILLED (m. cum)	322	JAR DJO1O Transco		6.5"	9.56	13. CORING	
HOURS (cum.)	36.5	2 x 6-1/2 " Drill collar			18.28	14. LOGGING	
GRADE	S-I-H	HWDP x 4			36.58	15. REAM/WASH	2.5
AVGE ROP (m/hr)	10.8					16. FISH/STUCK	
WOB (mt)	9					17. LOSS CIRC	
RPM	100					18. KICK CONTROL	
JET VEL (m/sec)	109	BHA LENGTH (m)			191.26	19. SIDETRACK	
HHP @ BIT	70	BHA WEIGHT (Klbf)		B/Jars (K)	K	20. RIG REPAIR	
		STRING WEIGHT (Klbf)		81		21. WELL TEST	
SURVEYS:	DEPTH	DEVIATION	AZIMUTH	TVD	COMMENTS	22. WO WEATHER	
Wireline						23. WAIT - OTHER	
						24. ABD./SUSP	
						25. RIG SERVICE	
						26. SLIP/CUT LINE	
						27. OTHER	1.5 2.0
						28. HANDLE D.P.	
DRILLING TOOLS	SERIAL No.	HOURS	DRILLING DATA		TOTAL (HRS)	24.0	160.5
N.B.S		17.5	DRAG - UP (Klbf)	3			
String Stab x 2		17.5	DRAG - DOWN (Klbf)	1			
Jar		74.5	TORQUE-On Bottom (ft.lb)				
			TORQUE-Off Bottom (ft.lb)				

