

**ESSENTIAL PETROLEUM RESOURCES LTD**

**DAILY DRILLING REPORT**

WELL:   
 PERMIT:   
 RIG:

DATE:   
 REPORT No.   
 D.F.S.

DEPTH 2400 Hrs:  STATUS at 2400 Hrs:   
 TVD:  FORMATION:   
 24 HR PROG.:  LAST CASING:  at  SHOE F.I.T.:   
 HOLE SIZE:  ELEV:  RT - GL:  MAASP:

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL			FORMATION DATA			
DENSITY(ppg)	9.60			Removal %	uf-ppg	hrs	DEPTH		
VISCOSITY(Sees)	41		DESILTER				TRIP GAS (%)		
pH	8.5		DESANDER			24	CONN. GAS (%)		
PV/YP	15 / 11		CENTRIFUGE 1				B'GRD GAS (%)		
GELS lb/1000ftsq	3 / 11						PORE PRESS (ppg)		
WL API (cc/30min)				1	2		ECD (ppg)		
WL HTHP(cc/30min)			SHAKERS				MAX GAS (%) 102		
CAKE(1/32")	2		SCREENS	110/84/84			<b>DRILLS / BOPS</b>		
SOLIDS %	8.9		<b>PUMPS</b>	1	2		LAST BOP DRILL		
SAND %	3.00		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)	217		AV-DP(m/min)		80ft/min		<b>TIME ANALYSIS</b>		
SURF VOL(bbl)	344		AV-DC(m/min)		121ft/min			<b>HRS</b>	
LOSSES(bbl/hr)			SPP(psi)		700			<b>CUM.</b>	
MUD Co	RMN		SCR - spm				1. MOVE RIG		
MUD TYPE	SPUD MUD		SCR - spm				2. RIG UP		
<b>BIT DATA</b>			<b>BHA DETAILS</b>			BHA No.	1	3. DRILLING	23.5
BIT No.	1		<b>TOOL</b>			OD (in)	Length (m)	4. TRIP	
SIZE (in)	12.25		Bit:		12.25	0.32	5. WIPER TRIP		
TYPE	CHIGMS		N.B.S			2.01	6. SURVEY	0.5	
IADC CODE	1--1--7		8 " Drill collar			9.25	7. CIRC./COND		
SERIAL No.	218316		Stabilizer Spiral			1.35	8. HANDLE BHA		
NOZZLES(32's)	18-181-18		8 " Drill collar			9.37	9. CSG/CEMENT		
DEPTH IN (m)	43		Cross Over Sub			0.6	10. WELLHEAD		
DEPTH OUT (m)	S.I.H		6.50" Drill Collar x 7			65.83	11. BOPS/DIV		
DRILLED (m. cum)	515		JAR			9.56	12. LOT/FIT		
HOURS (cum.)	28.5		6.50" Drill Collar x2			18.28	13. CORING		
GRADE							14. LOGGING		
AVGE ROP (m/hr)	18.0						15. REAM/WASH		
WOB (mt)	4-6						16. FISH/STUCK		
RPM	110						17. LOSS CIRC		
JET VEL (m/sec)	183						18. KICK CONTROL		
HHP @ BIT	71		<b>BHA LENGTH (m)</b>			116.57	19. SIDETRACK		
			<b>BHA WEIGHT (Klbf)</b>		B/Jars (K)30	K36	20. RIG REPAIR		
			<b>STRING WEIGHT (Klbf)</b>			54k	21. WELL TEST		
<b>SURVEYS:</b>	<b>DEPTH</b>	<b>DEVIATION</b>	<b>AZIMUTH</b>	<b>TVD</b>	<b>COMMENTS</b>				
Wireline	154m	1.00deg							
<b>DRILLING TOOLS</b>	<b>SERIAL No.</b>	<b>HOURS</b>	<b>DRILLING DATA</b>			<b>TOTAL (HRS)</b>	24.0	0.0	
N.B.S		28.5	DRAG - UP (Klbf)		nil				
String Stab		28.5	DRAG - DOWN (Klbf)		nil				
Jar		28.5	TORQUE-On Bottom (ft.lb)		nil				
			TORQUE-Off Bottom (ft.lb)		nil				

