



# DAILY DRILLING REPORT

RIG : Hunt Energy Rig-2  
PERMIT : PEP 152, Otago Basin

DATE: 16-Jun-04  
REPORT No: 9  
D.F.S: 7.5  
SHOE F.I.T: 12.5ppg

WELL NAME: KILLARNEY EPRL-1 STATUS @ 2400 HRS: Drilling ahead in 8.1/2" hole at 1418m at avg 11m/hr.

DEPTH - 2400 HRS: 1,418 m  
DEPTH - PREVIOUS: 1,321 m  
24 HR PROGRESS: 97 m  
SAFETY MEETINGS: Crews held pre-Tour Safety meetings & 1x JSA's.

FORMATION: Flaxman Fm  
HOLE SIZE: 8.1/2"  
ACCIDENTS: Nil

RT - GL (m): 3.9 m  
SHOE DEPTH: 255.8 mRT  
LAST CASING: 9.5/8" Surface

MUD PROPERTIES		ADDITIVES	SOLIDS CONTROL		
DENSITY (ppg)	9.40	2sx AMC-Pac R	UNIT	GPM / HRS	UF / OF
VISCOSITY	40	1dr PHPA	DESILTER	0.5 / 12	11.4 / 9.3
pH	8.8	5dr Soda Ash	DESANDER		
PV / YP	15 / 14	4sx Sod.Sulphite	MUDCLEANER		
GELS 10s/10m	2 / 4		CENTRIFUGE		
WL API / FC (cc)	6.0		SHAKER SCREENS: 1x S110, 1x S84, 1x S55		
SOLIDS %	6.0				
SAND %	0.25				
CHLORIDES	21,076				
KCL (% WT)	3.90				
MBT / PHPA (ppb)	- / 1.0				
Pm Pm/Mf	0 0.05/0.55				
TEMP (degC)	43.4				
HOLE VOL (bbls)	290				
SURFACE VOL (bbls)	370				
HOLE LOSSES (bbls)	62				
MUD CO	RMN				
MUD ENGINEER	N. Kyberd				

INVENTORY	
BARITE	400 sx
GEL	42 sx
CEMENT	5 tonnes
SALT	0 sx
KCL	156 sx
DRILLWATER	100 %
DIESEL FUEL	12,984 lts

PUMPS	1	2
TYPE	TSM-500	DB-550
STROKE (")	16	16
LINER (")	5 1/2	5 1/2
SPM	60	
PRESSURE		1150
GPM (97% eff)		342
AV (DP - ft/min)	(Csg) 145, (OH) 161	
AV (DC - ft/min)	(OH) 279	
SPR (P1 / P2)	30	30
SPR PRESS	400	400

DRILLS / BOPS	
LAST BOP DRILL	16-Jun-04
LAST FIRE DRILL	
LAST ABN.RIG DRILL	
LAST BOP TEST	12-Jun-04
NEXT BOP TEST	26-Jun-04
DAYS SINCE LAST LTA	523

BIT DATA		
BIT No.	3	2RR
SIZE (ins)	8.1/2"	8.1/2"
TYPE	CH04MS	FS2565
IADC CODE	4-1-7	
SERIAL No.	172489	5996742
NOZZLES	3 x 13	5 x 12
OUT (m)	-	1,321
IN (m)	1,321	258
DRILLED (m)	97.0	1,063
HOURS	10.5	57.5
CONDITION	In	1-2-1-A-X-I-N-F
AVG ROP (m/hr)	9.24	18.49
WOB (x1000 lbs)	20 - 25	8 - 15
RPM	90 - 100	100 - 120
JET VEL (ft/sec)	282	260
HHP @ BIT (HSI)	2.33	2.60

SURVEYS		
DEPTHS	Inc (deg)	Azimuth
MD/ (TVD)		
49.5	0.50	-
246	1.25	-
451	1.00	-
697	0.50	-
961	2.00	-
1,206	2.00	-
1,309	1.25	-

FORMATION DATA	
TRIP GAS (%)	49.00
CONN.GAS (%)	
B.GAS (%)	11.7
P.PRESS (ppg)	
ECD (ppg)	9.65 ppg

TIME ANALYSIS	
1. MOVE RIG	
2. RIG UP	
3. DRILLING	10.5
4. BIT TRIP	8
5. WIPER TRIP	
6. SURVEY	
7. CIRC / COND	0.5
8. CHANGE BHA	1.5
9. CASE & CEMENT	
10. WELLHEAD	
11. BOP'S	
12. L.O.T.	
13. CORING	
14. LOGGING	
15. REAM / WASH	3.5
16. FISH / STUCK	
17. LOSS CIRC	
18. KICK CONTROL	
19. SIDETRACK	
20. REP. SUBSURFACE	
21. REP. SURFACE	
22. WELL TEST	
23. W.O. WEATHER	
24. WAIT - OTHER	
25. ABANDON / SUSP	
26. RIG DOWN	
27. W.O. CEMENT	
28. DRILL CEMENT	
29. RIG SERVICE	
30. SLIP & CUT LINE	
TOTAL	24

BHA.:	TCI Bit + F/Sub + 1x 6.1/4" DC + Stab + 12x 6.1/4" DC + Jars + 6x 6.1/4" DC + 6x HWDP = 245.26m.		
BHA WEIGHT :	55,800 lbs	STRING WT.:	100,000 lbs
	(buoyed weight)		(buoyed weight)
DP RATING :	lbs - 'G' Grade	MARGIN :	0 lbs @ 75%
DP RATING :	595,000 lbs - 'S' Grade	MARGIN :	446,250 lbs @ 75%
TORQUE ON BTM :	n/a ft.lbs	DRAG UP :	6,000 lbs
TORQUE OFF BTM :	n/a ft.lbs	DRAG DOWN :	4,000 lbs

CONTINUED .../2

*END OF REPORT*