DAILY DRILLING REPORT

8/09/2006

REPORT # 01

WELL	**Glenaire 01**	**24:00 DEPTH**	**209m**	**24 HR PROG**	**209m**	**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Dilwyn	**PTD**	3945m	**DAILY COSTS**	

OP's TO 06:00	Drill to 307m, Wiper trip, lay out 17-1/2" stab		
REMARKS / FORWARD PLAN:	RIH circ. Bottoms up, POOH, run 13-3/8" casing, cement same	**PERSONNEL ON SITE:**	**31**

LAST CASING	20 "	**SET AT**	10.0m	**LOT**		**MAASP**		**BOP TEST**	NIL	**TEST DUE**	

SAFETY	1. Pre-Spud	**WEATHER AM**	overcast
	2.	**PM**	Rain

BIT INFORMATION			
WOB(kLb)	3-10	**JET V(fps)**	210
RPM	120	**H S I**	0.62
BIT NUMBER		**1**	
Size (in)		17.5	
Make		Smith	
Type		XRCPS	
IADC Code		115	
Serial Number		MR9725	
T.F.A.(")		1.117	
Depth In (m)			
Depth Out (m)		IN	
Total Meters		209	
Hours		14	
ROP		14.9	
Condition Out			
FLOW DATA			
CIRC. RATE (gpm)		729	
AV - DP (fpm)		63	
AV - DC (fpm)		74	
SPP (psi)		1200	
SPP (calculated)		750	
PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE	128	**RATE**	128
LINER	6.0"	**LINER**	6.0"
STROKE	8.0"	**STROKE**	8.0"
SURVEYS			
0.5° at 48m			
1° at 131m			
1° at 259m			

BHA # 1	
TOOL	**LENGTH**
17.5 Bit	0.43
Bit sub	0.92
2 x 8" dc's	17.20
17-1/2" stab	1.63
3 x 8" dc's	27.95
X-O	0.65
6" Monal dc	9.33
7 x 6-1/4" dc's	65.23
12 x 4-1/2" HWDP	114.65
BHA LENGTH (m)	237.98
BHA WEIGHT(kLb)	50.9
STRING WT (kLb)	50.7
HOOK LOAD (kLb)	65.0
WT BELOW JARS (kLb)	
DRAG UP (kLb)	65.0
DRAG DOWN (kLb)	65.0
TORQUE ON (Amps/Rel.)	2550
TORQUE OFF (Amps/Rel.)	950
BULK PRODUCTS	
FUEL ON SITE	47700 Litres
DAILY USAGE	-47700 Litres
CUM. FUEL USED	-47700 Litres
BARITES ON SITE	#N/A
BARITES USED	#N/A
MUD MIXED	1350 Bbls
MUD LOSSES	621 Bbls

MUD PROPERTIES	
Time	2130
Depth (m)	180
Temp (° C)	24
Mud Type	Gel-Spud
Density (ppg)	8.90
ECD (ppg)	9.07
Viscosity (sec)	75
PV / YP (cp/lb)	13 / 30
Gells (s/m)	26 / 28
API Filt. (cc)	12
Cake (/32")	2
Solids (% Vol)	4
Sand (% Vol)	1.25
MBT	25
pH (strip)	9.5
Chlorides (mg/l)	700
KCL (%)	0
PHPA (ppb)	
ALC - 50 (K)	
Circ. Vol. (Bbl)	729
CHEMICAL USAGE	
Ausben	650
Caustic Soda	6
Kwikseal M	44

OPERATION	**HRS**	**CUM**
BOP's / Wellhead		
Cementing		
Circ & Condition	1.0	1.0
Coring		
D/O Cement		
Drilling	14.0	14.0
FIT / LOT		
Handle BHA		
Repairs		
Rig Service		
Rig up Csg./ Cmt.		
Run Casing		
Safety	1.0	1.0
Slip/Cut Drill Line		
Survey	1.0	1.0
Test BOP		
Tight hole / Fishing		
Tripping		
Wait on Cement		
Wash / Ream		
Well Control		
Well Test		
Wiper Trip		
Wireline		
Other		
TOTALS	17.0	17.0
DAILY MUD COSTS		$10,087.06
CUM. MUD COSTS		**$10,087.06**
AFE COST - C&S		
AFE COST - P&A		
AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
	1:00	Make up #3 stands D.P., rack in Mast
1:00	3:00	Repair broken Geolograph line & re-run same
3:00	3:30	Make up 12-1/4" bit, float sub, to stand D.P.
3:30	5:00	Drill mouse hole, POOH, run mouse hole sock, break off bit & flt. Sub
5:00	7:00	Pick up 17-1/2" bit & BHA, RIH, tag bottom @ 16 metres
7:00	8:00	Pre- Spud check, Hazard Hunt, Sound alarm, Muster Drill, Safety Meeting, Spud Well @ 08:00hrs on 8th Sept.2006
8:00	11:30	Drill 17-1/2" surface hole f/ 16m > 48metres (Dylwyn came in @ 28 met. + -)
11:30	12:00	Circ. & Totco survey @ 47 met., = 1/2 deg
12:00	21:00	Drill f/ 48 met. > 180 met., Sweep LCM pills as required (spot LCM pills on bottom while making connections)
21:00	22:00	Circ. w/ reduced pump while building mud volume
22:00	22:30	Spot LCM pill on bottom, run MSS survey @ 131 met. = 1 deg., N25E, AZI = 32
22:30	0:00	Drill f/ 180met. > 209 met.

MAXIMUM GAS:	% @ m	**BACKGROUND GAS:**	%	**CONNECTION GAS:**	%	**TRIP GAS:**	%
SUPERVISOR:	Brian Marriott	**GEOLOGIST:**		**MUD CO:**	RMN Drilling Fluids		