DAILY DRILLING REPORT

16/09/2006

REPORT # 09

WELL	**Glenaire 01**	**24:00 DEPTH**	**1255m**	**24 HR PROG**		**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Eumeralla	**PTD**	3945m	**DAILY COSTS**	

OP's TO 06:00 Press. tast BOP, make up bit & BHA, RIH p.u. sgls d.p., "Well Control Drill", slip/cut Drlg. Line, cont. RIH p.u.d.p, drill flt, shoe & rat hole to 1255m, drill to 1258m, circ., L/O, EMW = 13.7ppg, drill f/1258 to 1333m

REMARKS / FORWARD PLAN: Drill ahead taking surveys every 150met. **PERSONNEL ON SITE:** 32

LAST CASING	9 5/8"	**SET AT**	1252m	**LOT**		**MAASP**		**BOP TEST**	16/09/2006	**TEST DUE**	30/09

AFD's: 49 **SAFETY** 1. 2. Toolbox talk daily **WEATHER AM** sunny **PM** sunny

BIT INFORMATION			
WOB(kLb)	3-4	**JET V(fps)**	168
RPM	145	**H S I**	
BIT NUMBER			
Size (in)			
Make			
Type			
IADC Code			
Serial Number			
T.F.A.(")			
Depth In (m)			
Depth Out (m)			
Total Meters			
Hours			
ROP			
Condition Out			

FLOW DATA	
CIRC. RATE (gpm)	315
AV - DP (fpm)	60
AV - DC (fpm)	72
SPP (psi)	650
SPP (calculated)	470

PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE	75	**RATE**	75
LINER	5.0"	**LINER**	5.0"
STROKE	8.5"	**STROKE**	8.5"
SCR: 180 @ 50		SCR: 240 @ 80	

SURVEYS	

BHA # 3	
TOOL	**LENGTH**
8.5 Bit	0.23
NBS	1.26
Mud Motor	9.58
Stab	1.14
NMDC	8.33
Stab	1.14
15x6.5" dc's	112.15
Drilling Jars	9.74
3x6.25 dc's	27.31
12xHWDP	114.65
BHA LENGTH (m)	285.53
BHA WEIGHT(kLb)	51.6
STRING WT (kLb)	57.8
HOOK LOAD (kLb)	136.0
WT BELOW JARS (kLb)	32.0
DRAG UP (kLb)	136.0
DRAG DOWN (kLb)	136.0
TORQUE ON (Amps/Rel.)	2979
TORQUE OFF (Amps/Rel.)	1943

BULK PRODUCTS	
FUEL ON SITE	41250 Litres
DAILY USAGE	2350 Litres
CUM. FUEL USED	33018 Litres
BARITES ON SITE	-100 kg
BARITES USED	100 kg
MUD MIXED	3146 Bbls
MUD LOSSES	2298 Bbls

MUD PROPERTIES	
Time	2345
Depth (m)	1255
Temp (° C)	36
Mud Type	KCl/PHPA/POL
Density (ppg)	9.10
ECD (ppg)	9.28
Viscosity (sec)	50
PV / YP (cp/lb)	9 / 13
Gells (s/m)	3 / 9
API Filt. (cc)	9.8
Cake (/32")	1
Solids (% Vol)	3.1
Sand (% Vol)	0.2
MBT	13.3
pH (strip)	12
Chlorides (mg/l)	23500
KCL (%)	5.5
PHPA (ppb)	0.96
ALC - 50 (K)	
Circ. Vol. (Bbl)	899

CHEMICAL USAGE	
Biocide G	1
PHPA	1
Soda Ash	8
Sodium Sulphite	2

OPERATION	**HRS**	**CUM**
BOP's / Wellhead	4.0	22.5
Cementing		5.5
Circ & Condition		8.0
Coring		
D/O Cement	2.5	9.5
Drilling		65.0
FIT / LOT		0.5
Handle BHA	1.0	1.0
Repairs	0.5	6.5
Rig Service	0.5	1.5
Rig up Csg./ Cmt.		7.0
Run Casing		19.0
Safety		1.0
Slip/Cut Drill Line	1.0	1.5
Survey		5.0
Test BOP	5.0	8.5
Tight hole / Fishing		
Tripping	9.0	20.0
Wait on Cement		5.0
Wash / Ream		1.0
Well Control	0.5	1.0
Well Test		
Wiper Trip		8.0
Wireline		
Other		12.0
TOTALS	24.0	209.0

DAILY MUD COSTS	$517.25
CUM. MUD COSTS	**$47,640.26**
AFE COST - C&S	
AFE COST - P&A	
AFE COST - C&C	

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	4:00	Cont. nipple up BOP, riser & flow line, change pipe rams to 4-1/2", function test pipe rams
4:00	7:30	Make up combination tool test plug, RIH & set same, pressure test BOP, 200psi low & 2800psi high, Conduct Accumulator Test
7:30	9:00	Pull comb. Tool., close blind rams, press. Test same to 2800psi, reverse comb. Tool, run & set wear bushing, pull & lay out tool
9:00	9:30	Rig Service
9:30	10:30	Hold PJSM, lay out 8" dc's
10:30	15:30	Make up bit, DSX519M & BHA, RIH to 535m
15:30	16:00	Ajust Crown -Omatic
16:00	19:00	Cont. RIH p.u. singles d.p. to 1104m
19:00	19:30	Conduct"Well Control Drill", close annular, sound "Muster Alarm", circ.thru ajustable choke, holding back press.w/ choke, via Poor Boy
19:30	20:30	Cont. RIH, picking up singles d.p. to 1200m
20:30	21:30	Slip & cut drilling line
21:30	0:00	Break circ., wash to top of Float @ 1239m, drill float, shoe track & shoe @ 1252m, rat hole to 1255met.

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