DAILY DRILLING REPORT

13/09/2006

REPORT # 06

WELL	**Glenaire 01**	**24:00 DEPTH**	**1248m**	**24 HR PROG**	**365m**	**CUM. COSTS**	**$46,795**
RIG	Ensign # 32	**FORMATION**	Eumeralla	**PTD**	3945m	**DAILY COSTS**	$6,877.23

OP's TO 06:00 Drill f/ 883m to 1255m, taking surveys as required, circ. bottoms up, Wiper trip back to 864m, RIH to bottom, circ.bottoms up & POOH to run 9-5/8" csg.

REMARKS / FORWARD PLAN: Present Op. @ 06:00hrs = Circ. hole clean >>> Forward plan = POOH, lay out 12-1/4" stab. & bit, rig & run 105 jnt's 9-5/8" csg., cement same,

PERSONNEL ON SITE: 32

LAST CASING	13 3/8"	**SET AT**	304.0m	**LOT**	12.2ppg	**MAASP**	**149psi**	**BOP TEST**	10/09/2006	**TEST DUE**	24/09

AFD's: 46 **SAFETY** 1. 2.

WEATHER AM suuny
PM rain

BIT INFORMATION			
WOB(kLb)	10-20	**JET V(fps)**	334
RPM	130	**H S I**	2.89
BIT NUMBER		**2**	
Size (in)		12.25	
Make		Smith	
Type		XRCPS	
IADC Code		115	
Serial Number		MY0188	
T.F.A.(")		0.601	
Depth In (m)		307	
Depth Out (m)		IN	
Total Meters		941	
Hours		39.5	
ROP		23.8	
Condition Out			
FLOW DATA			
CIRC. RATE (gpm)		627	
AV - DP (fpm)		118	
AV - DC (fpm)		179	
SPP (psi)		1850	
SPP (calculated)		1540	
PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE	110	**RATE**	110
LINER	6.0"	**LINER**	6.0"
STROKE	8.0"	**STROKE**	8.0"
SCR: 200 @ 50		SCR: 320 @ 80	
SURVEYS			
1.0° at 978m			
1.75° at 1094m			
1.5° at 1200m			

BHA # 2	
TOOL	**LENGTH**
12.25	0.32
Bit sub	0.89
1 x 8" dc	8.41
12-1/4" stab	1.35
1 x 8" dc	8.79
12-1/4" stab	1.36
3 x 8" dc's	27.95
X-O w/ crows foot	0.65
1 x 6-1/2" NMDC	9.33
10 x 6-1/2" dc's	93.32
Drilling Jars	9.74
1 x 6-1/2" dc	9.43
12 x 4-1/2" HWDP	114.65
BHA LENGTH (m)	286.19
BHA WEIGHT(kLb)	62.9
STRING WT (kLb)	69.0
HOOK LOAD (kLb)	135.0
WT BELOW JARS (kLb)	47.3
DRAG UP (kLb)	137.0
DRAG DOWN (kLb)	135.0
TORQUE ON (Amps/Rel.)	3000
TORQUE OFF (Amps/Rel.)	1500
BULK PRODUCTS	
FUEL ON SITE	49300 Litres
DAILY USAGE	6018 Litres
CUM. FUEL USED	24968 Litres
BARITES ON SITE	-100 kg
BARITES USED	100 kg
MUD MIXED	3100 Bbls
MUD LOSSES	2122 Bbls

MUD PROPERTIES	
Time	2100
Depth (m)	1224
Temp (° C)	48
Mud Type	KCl/PHPA/POL
Density (ppg)	9.30
ECD (ppg)	9.38
Viscosity (sec)	40
PV / YP (cp/lb)	9 / 12
Gells (s/m)	3 / 7
API Filt. (cc)	9.4
Cake (/32")	1
Solids (% Vol)	4.7
Sand (% Vol)	0.75
MBT	13.3
pH (strip)	9.5
Chlorides (mg/l)	26000
KCL (%)	5.8
PHPA (ppb)	0.97
ALC - 50 (K)	
Circ. Vol. (Bbl)	964
CHEMICAL USAGE	
AMC Pac- LV	6
Biocide G	1
Caustic Soda	3
Defoamer	1
Kwikseal M	5
PHPA	3
Soda Ash	8
Sodium Sulphite	4
Xanthan Gum	7
KCL	100

OPERATION	**HRS**	**CUM**
BOP's / Wellhead		9.0
Cementing		3.0
Circ & Condition		4.0
Coring		
D/O Cement		7.0
Drilling	20.5	64.5
FIT / LOT		0.5
Handle BHA		
Repairs		2.5
Rig Service	0.5	1.0
Rig up Csg./ Cmt.		3.0
Run Casing		8.5
Safety		1.0
Slip/Cut Drill Line	0.5	0.5
Survey	1.0	4.5
Test BOP		3.5
Tight hole / Fishing		
Tripping		6.0
Wait on Cement		5.0
Wash / Ream	0.5	0.5
Well Control		0.5
Well Test		
Wiper Trip	1.0	6.0
Wireline		
Other		6.5
TOTALS	24.0	137.0
DAILY MUD COSTS		$6,877.23
CUM. MUD COSTS		**$46,795.01**
AFE COST - C&S		
AFE COST - P&A		
AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	0:30	Wiper trip back to 13-3/8" shoe @ 304m, hole good
0:30	1:00	Rig service
1:00	1:30	Slip drilling line
1:30	2:00	RIH f/ shoe to 854m
2:00	2:30	Break circ., wash & ream f/854m to 883m (1met. Fill)
2:30	7:30	Drill 12-1/4" hole f/ 883m to 1028m
7:30	8:00	Circ. & survey @ 978m, 1 deg., N60E, AZI = 67
8:00	13:00	Drill f/ 1028m to 1143m
13:00	13:30	Circ. & survey @ 1094m, 1-3/4 deg., N18E, AZI = 25
13:30	0:00	Drill f/ 1143m to 1248m, T.D. 9-5/8" csg. Depth (Note; f/ 1150 met., ROP dropped f/ 28mph down to 4mph > 13mph)

MAXIMUM GAS:	23.7% @ 1061m	**BACKGROUND GAS:**	%	**CONNECTION GAS:**	%	**TRIP GAS:**	%
SUPERVISOR:	Brian Marriott	**GEOLOGIST:**	David Horner	**MUD CO:**	RMN Drilling Fluids		