DAILY DRILLING REPORT

15/09/2006

REPORT # 08

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 Set 9-5/8" shoe @ 1252m, Cmt. Csg., nipple down BOP, set slip & seal, L/O Cmt, Hd. & rough cut csg., chain block failure, repair same, final cut csg. stub, dress same, install "B" section, DSA & BOP, press. Test BOP

REMARKS / FORWARD PLAN: Complete testing BOP, set wear bushing, lay out 8"dc's, make up 36std's d.p. & rack in Mast, make up DSX519M, PDC bit & RIH, "Kick Drill", drill flt. & shoe, L/O, drill ahead

PERSONNEL ON SITE: 31

LAST CASING	9 5/8"	**SET AT**	1252.0m	**LOT**		**MAASP**		**BOP TEST**	10/09/2006	**TEST DUE**	24/09

AFD's: 48

SAFETY 1.
2. Toolbox talk daily

WEATHER AM overcast
PM overcast

BIT INFORMATION

WOB(kLb)		**JET V(fps)**	
RPM		**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)	
AV - DP (fpm)	
AV - DC (fpm)	
SPP (psi)	
SPP (calculated)	

PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE		**RATE**	
LINER	5.0"	**LINER**	5.0"
STROKE	8.5"	**STROKE**	8.5"

SURVEYS	

TOOL	**LENGTH**
BHA LENGTH (m)	
BHA WEIGHT(kLb)	
STRING WT (kLb)	
HOOK LOAD (kLb)	
WT BELOW JARS (kLb)	
DRAG UP (kLb)	
DRAG DOWN (kLb)	
TORQUE ON (Amps/Rel.)	
TORQUE OFF (Amps/Rel.)	

BULK PRODUCTS	
FUEL ON SITE	41600 Litres
DAILY USAGE	2350 Litres
CUM. FUEL USED	32668 Litres
BARITES ON SITE	
BARITES USED	
MUD MIXED	3146 Bbls
MUD LOSSES	2257 Bbls

MUD PROPERTIES	
Time	2145
Depth (m)	1255
Temp (° C)	31
Mud Type	KCl/PHPA/POL
Density (ppg)	9.20
ECD (ppg)	
Viscosity (sec)	40
PV / YP (cp/lb)	7 / 10
Gells (s/m)	2 / 4
API Filt. (cc)	9.2
Cake (/32")	1
Solids (% Vol)	3.8
Sand (% Vol)	0.25
MBT	15
pH (strip)	8.8
Chlorides (mg/l)	25000
KCL (%)	5.7
PHPA (ppb)	0.9
ALC - 50 (K)	
Circ. Vol. (Bbl)	940

CHEMICAL USAGE	

OPERATION	**HRS**	**CUM**
BOP's / Wellhead	9.5	18.5
Cementing	2.5	5.5
Circ & Condition	1.0	8.0
Coring		
D/O Cement		7.0
Drilling		65.0
FIT / LOT		0.5
Handle BHA		
Repairs	3.5	6.0
Rig Service		1.0
Rig up Csg./ Cmt.	1.0	7.0
Run Casing	1.0	19.0
Safety		1.0
Slip/Cut Drill Line		0.5
Survey		5.0
Test BOP		3.5
Tight hole / Fishing		
Tripping		11.0
Wait on Cement		5.0
Wash / Ream		1.0
Well Control		0.5
Well Test		
Wiper Trip		8.0
Wireline		
Other	5.5	12.0
TOTALS	24.0	185.0

DAILY MUD COSTS	
CUM. MUD COSTS	**$47,123.01**
AFE COST - C&S	
AFE COST - P&A	
AFE COST - C&C	

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	1:00	Cont.wash f/1241m to 1252m, (run a total 105 jnt's x 9-5/8" x K55 x 36lb/ft x BTC csg.), set shoe @ 1252met.
1:00	2:00	Circ. prior to cmt. Job, load cmt. plug in Halliburton Head, rig up chicksans, Safety Meeting
2:00	3:00	Head up Halliburton, pump 50bbls water w/ rig pump, pump 5bbls w/ Hali.test lines to 4000psi, ok, release bottom plug, pump 5bbls water
3:00	5:00	Mix & pump 297bbls (783 sx) Lead cmt. @ 12.5ppg, followed by 31bbls (148sx) Tail, displace with rig pump 314bbls mud
5:00	5:30	Bump w/ 2000psi, close lo-torque valve f/ rig pump, press.up to 2800psi w/ HOWCO for 10min., ok, bleed back 3bbls, flt. holding
5:30	11:00	Flush BOP w/ water, monitor well, rig down Howco & spacer spool, lift BOP, set slips, rough cut csg. @ 8" above B.H., lay out csg.& cmt.Hd.
11:00	12:30	Attempt to lower BOP back onto spacer spool, chain block failed, BOP cocked, rig up sling to blocks, lift & leval BOP, lower same onto B.H.
12:30	14:30	Replace chain block, lift BOP to inspect 9-5/8" csg. cut off stub, noticed top 8" cut off section slightly out of round, caliper @ 5-1/8" sect., ok
14:30	0:00	Final cut csg. stub to 5-1/8" & dress same, install "B" section, press. test same, install DSA & BOP (fit 5" liners to mud pumps)

MAXIMUM GAS:	% @ m	**BACKGROUND GAS:**	%	**CONNECTION GAS:**	%	**TRIP GAS:**	%

SUPERVISOR:	Brian Marriott	**GEOLOGIST:**	David Horner	**MUD CO:**	RMN Drilling Fluids