DAILY DRILLING REPORT

10/09/2006

REPORT # 03

WELL	**Glenaire 01**	**24:00 DEPTH**	**307m**	**24 HR PROG**		**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Dilwyn	**PTD**	3945m	**DAILY COSTS**	

OP's TO 06:00 Complete cmt. 13-3/8" csg., WOC, back out landing Jnt., Cmt. Top up, install Braden Head, transfer BOP onto B.H. , nipple up BOP, press. Test same & surface equip.

REMARKS / FORWARD PLAN: Pick up 37 std's D.P. & rack in Mast, make up 12-1/4" BHA, RIH, tag cmt., "Kick Drill", drill cmt, flt, shoe, rat hole & 3met. New hole, circ., F.I.T., drill ahead 12-1/4" hole

PERSONNEL ON SITE: 31

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

SAFETY 1. Safety meeting
2.

WEATHER AM overcast
PM sunny

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	6.0"	**LINER**	6.0"
STROKE	8.0"	**STROKE**	8.0"
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	35850 Litres
DAILY USAGE	3050 Litres
CUM. FUEL USED	11850 Litres
BARITES ON SITE	-50 kg
BARITES USED	50 kg
MUD MIXED	2150 Bbls
MUD LOSSES	1445 Bbls

MUD PROPERTIES	
Time	1730
Depth (m)	307
Temp (° C)	20
Mud Type	KCl/PHPA/POL
Density (ppg)	8.70
ECD (ppg)	
Viscosity (sec)	45
PV / YP (cp/lb)	5 / 7
Gells (s/m)	2 / 3
API Filt. (cc)	14.6
Cake (/32")	1
Solids (% Vol)	0.3
Sand (% Vol)	NIL
MBT	1
pH (strip)	10.5
Chlorides (mg/l)	38000
KCL (%)	7.3
PHPA (ppb)	0.59
ALC - 50 (K)	
Circ. Vol. (Bbl)	196
CHEMICAL USAGE	
AMC Pac- LV	8
Biocide G	2
Caustic Soda	3
Defoamer	2
PHPA	5
Xanthan Gum	8
KCL	252

OPERATION	**HRS**	**CUM**
BOP's / Wellhead	9.0	9.0
Cementing	2.0	3.0
Circ & Condition		3.0
Coring		
D/O Cement		
Drilling		17.5
FIT / LOT		
Handle BHA		
Repairs		
Rig Service		
Rig up Csg./ Cmt.		3.0
Run Casing		8.5
Safety		1.0
Slip/Cut Drill Line		
Survey		1.5
Test BOP	3.5	3.5
Tight hole / Fishing		
Tripping		2.0
Wait on Cement	5.0	5.0
Wash / Ream		
Well Control		
Well Test		
Wiper Trip		3.5
Wireline		
Other	4.5	4.5
TOTALS	24.0	65.0
DAILY MUD COSTS		$10,333.94
CUM. MUD COSTS		**$22,520.75**
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	Followed by 79bbls (380sx) Tail, release top plug, displace w/ 150bbls water, bump plug w/ 650psi, press.to 1300psi f/10 min.,good test
1:00	6:00	"Wait On Cement", no cmt. to surface (flush riser, rig down flow line, cut & lift riser,welder cut & split conductor.)(fluid leval down 5met)
6:00	9:30	Dig out cement floor in cellar, for welder to cut conductor below 13-3/8" csg. Collar for installation of Braden Head, back out Landing jnt
9:30	11:30	Lay out riser, attempt to install Braden Head, thread gaul on pin end up, re-dress same, install B.H., chain tong up same
11:30	12:30	Run plumb bob thru. Rotory table, centre B.H., Welder install centralised "support" brackets on 20" conductor, rig up & torque up B.Hd.
12:30	13:30	Make up 15met.x 1" stinger, run between 20" conductor & 13-3/8" csg,Haliburton perform cmt. Top up job, 30bbls @ 13.0ppg. Rig down
13:30	18:30	Nipple up spacer spool, Skid over 13-5/8" BOP, land & nipple up same & choke manifold
18:30	22:00	Close Blind rams, pressure test csg. / Braden Head / spools & BOP to 1300psi for 10mins, surface equip.200psi low > 5000psi high
22:00	22:30	BOP Accumulatot Test
22:30	0:00	Install Bell nipple & flow line, clear rig floor

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