DAILY DRILLING REPORT

25/10/2006

REPORT # 48

WELL	**Glenaire 01 ST1**	**24:00 DEPTH**	**3700m**	**24 HR PROG**	**12m**	**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Pretty Hill	**PTD**	3945m	**DAILY COSTS**	

OP's TO 06:00 Drill f/ 3688m to 3700m, circ. bottoms up, wiper to 3400, RIH, circ., POOH to 1000m, spot 60bbls weighted 14.5ppg mud, cont. POOH, rig up Schlumberger, run #1 = FMS-GR, run @ 04:50hrs

REMARKS / FORWARD PLAN: 2nd log run = BHC-PEX, >>>>> Run logs, pressure test BOP

PERSONNEL ON SITE: 37

LAST CASING	7 "	**SET AT**	2998m	**LOT**	13.8ppg	**MAASP**	**1382psi**	**BOP TEST**	11/10/2006	**TEST DUE**	**DUE**

AFD's: 88 **SAFETY** 1. Toolbox meeting 2. **WEATHER AM** Fine **PM** Fine

BIT INFORMATION			
WOB(kLb)	12-17	**JET V(fps)**	73
RPM	170	**H S I**	0.23
BIT NUMBER		**5**	
Size (in)		6.0	
Make		Hyc	
Type		DSX111	
IADC Code			
Serial Number		112300	
T.F.A.(")			
Depth In (m)		3564	
Depth Out (m)		3700	
Total Meters		136	
Hours		81	
ROP		1.7	
Condition Out		2-3-WT-A-X-i-PN-TD	
FLOW DATA			
CIRC. RATE (gpm)		210	
AV - DP (fpm)		217	
AV - DC (fpm)		383	
SPP (psi)		2350	
SPP (calculated)		2740	
PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE	40	**RATE**	60
LINER	5.0"	**LINER**	5.0"
STROKE	8.5"	**STROKE**	8.5"
SCR: 1000 @ 580		SCR: 1000 @ 580	
SURVEYS			

BHA # 12	
TOOL	**LENGTH**
DSX111GJW	0.20
P100XL Mud Motor	7.25
Float sub	0.52
14 X 4-3/4" DC's	132.38
Dailey Drlg. Jars	8.96
3 X 4-3/4" DC's	28.30
9 X HWDP	85.50
BHA LENGTH (m)	263.11
BHA WEIGHT(kLb)	33.6
STRING WT (kLb)	191.6
HOOK LOAD (kLb)	205.0
WT BELOW JARS (kLb)	
DRAG UP (kLb)	215.0
DRAG DOWN (kLb)	200.0
TORQUE ON (Amps/Rel.)	5000
TORQUE OFF (Amps/Rel.)	4000
BULK PRODUCTS	
FUEL ON SITE	37250 Litres
DAILY USAGE	4750 Litres
CUM. FUEL USED	191238 Litres
BARITES ON SITE	50 kg
BARITES USED	250 kg
MUD MIXED	5302 Bbls
MUD LOSSES	4375 Bbls

MUD PROPERTIES	
Time	1730
Depth (m)	3700
Temp (° C)	54
Mud Type	KCL/PHPA/POL
Density (ppg)	11.10
ECD (ppg)	11.63
Viscosity (sec)	39
PV / YP (cp/lb)	13 / 13
Gells (s/m)	2 / 6
API Filt. (cc)	6.4
Cake (/32")	1
Solids (% Vol)	7.6
Sand (% Vol)	Tr
MBT	6.5
pH (strip)	9.5
Chlorides (mg/l)	158000
KCL (%)	8
PHPA (ppb)	0.79
ALC - 50 (K)	
Circ. Vol. (Bbl)	822
CHEMICAL USAGE	
AMC Pac- LV	8
Barite	160
Biocide G	1
Caustic Soda	2
Sodium Sulphite	1
Xanthan Gum	1
Kwikseal F	1

OPERATION	**HRS**	**CUM**
BOP's / Wellhead		36.0
Cementing		8.5
Circ & Condition	4.0	44.5
Coring		
D/O Cement		12.5
Drilling	8.5	461.0
FIT / LOT		4.0
Handle BHA		14.0
Repairs	5.0	73.0
Rig Service		8.0
Rig up Csg./ Cmt.		11.0
Run Casing		32.5
Safety		2.0
Slip/Cut Drill Line		8.0
Survey		36.5
Test BOP		24.0
Tight hole / Fishing		0.5
Tripping	4.5	220.5
Wait on Cement		24.5
Wash / Ream		9.5
Well Control		3.5
Well Test		
Wiper Trip	2.0	18.5
Wireline		8.5
Other		84.0
TOTALS	24.0	1145.0
DAILY MUD COSTS		$3,323.93
CUM. MUD COSTS		**$168,362.85**
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	Pull #2 stands d.p., back to 3630m, Top Drive mud saver key way leaking in upper double ball valve, "while rotating", RIH to bottom
0:30	1:30	Circ. bottoms up "with out rotation" of Top Drive
1:30	3:00	POOH to shoe to repair Top Drive >> (intermitent 10k to 25k overpull)
3:00	4:30	Repair Top Drive, "mud saver, key way leak in upper double ball valve"
4:30	5:30	RIH, hole good
5:30	6:00	Break circ., wash to bottom, work stand & clean up hole
6:00	14:30	Drill f/ 3688m to 3700.5m (av. ROP = 1.47mph)
14:30	15:30	Circ. bottoms up
15:30	17:00	Flow check, POOH 11 std's to 3400m, max 40k o.p., intermittent 10k to 35k overpull, RIH
17:00	18:30	Circ. bottoms up, cont. untill gas dropped off
18:30	21:00	POOH to shoe
21:00	22:00	Rig repairs, Carry out electrical repairs to the Drawworks Assignment switch
22:00	0:00	POOH to 1868m

MAXIMUM GAS:	89% @ 3692m	**BACKGROUND GAS:**	20 - 40%	**CONNECTION GAS:**	%	**TRIP GAS:**	2956%
SUPERVISOR:	Brian Marriott	**GEOLOGIST:**	Dave Horner	**MUD CO:**	RMN Drilling Fluids		