DAILY DRILLING REPORT

26/10/2006

REPORT # 49

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

OP's TO 06:00 Log #1 = FMS-GR, Log #2 = BHC-PEX-GR, rig down, pressure test BOP, RIH to shoe, Repairs, fault find wireing for "extend" operation on Top Drive.

REMARKS / FORWARD PLAN: Pressure test rig floor surface equip., circ., RIH to bottom, Drill 1m of hole to evaluate torque / ROP w/ no mud motor, Circ. bottoms up, POOH to complete logs

PERSONNEL ON SITE: 38

LAST CASING	7 "	**SET AT**	2998m	**LOT**	13.8ppg	**MAASP**	**1356psi**	**BOP TEST**	26/10/2006	**TEST DUE**	09/11

AFD's: 87

SAFETY 1. Safety meeting; 2. Toolbox meeting

WEATHER AM Fine
PM Fine

BIT INFORMATION			
WOB(kLb)		**JET V(fps)**	
RPM		**H S I**	
BIT NUMBER		**RR11**	
Size (in)		6.0	
Make		Hyc	
Type		DSX111	
IADC Code			
Serial Number		112300	
T.F.A.(")			
Depth In (m)		3700	
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			

BHA # 13	
TOOL	**LENGTH**
DSX111GJW	0.20
Float sub	0.91
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)	256.25
BHA WEIGHT(kLb)	32.6
STRING WT (kLb)	190.8
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	33900 Litres
DAILY USAGE	3350 Litres
CUM. FUEL USED	176988 Litres
BARITES ON SITE	50 kg
BARITES USED	250 kg
MUD MIXED	5302 Bbls
MUD LOSSES	4405 Bbls

MUD PROPERTIES	
Time	2130
Depth (m)	3700
Temp (° C)	No Circ
Mud Type	KCL/PHPA/POL
Density (ppg)	11.15
ECD (ppg)	
Viscosity (sec)	41
PV / YP (cp/lb)	13 / 14
Gells (s/m)	2 / 6
API Filt. (cc)	6.2
Cake (/32")	1
Solids (% Vol)	8.8
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)	855
CHEMICAL USAGE	

OPERATION	**HRS**	**CUM**
BOP's / Wellhead		36.0
Cementing		8.5
Circ & Condition	0.5	45.0
Coring		
D/O Cement		12.5
Drilling		461.0
FIT / LOT		4.0
Handle BHA	0.5	14.5
Repairs		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	4.0	28.0
Tight hole / Fishing		0.5
Tripping	3.0	223.5
Wait on Cement		24.5
Wash / Ream		9.5
Well Control		3.5
Well Test		
Wiper Trip	1.0	19.5
Wireline	15.0	23.5
Other		84.0
TOTALS	24.0	1169.0
DAILY MUD COSTS		
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	1:00	POOH to 1000m
1:00	1:30	Present mud wt. = 11.1ppg, spot 60bbls weighted 14.5ppg mud (490m) equiv. mud wt. = 11.6ppg for hydrostatic @ 3192m
1:30	3:30	Cont. POOH
3:30	4:00	Flush out Mud motor with water, oil, break off bit, clear rig floor
4:00	12:30	Rig up to log, Safety Meeting, run #1 = FMS - GR, run @ 04:50hrs, out @ 12:20hrs (hole in good condition, run to bottom, no fill)
12:30	19:00	Make up tools, Logging, run #2 = BHC-PEX-GR, run @ 12:50hrs, out @ 18:10hrs (loosing 1/2 bbl/ hr of mud to annulus) Rig Down
19:00	23:00	Pull W.B., make up comb. test plug, RIH & set same, press. test BOP, 200psi low & 3500psi high, Conduct Accumulator Test, set W.B.
23:00	0:00	Make up RR, DSX111, PDC, RIH to 256m

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