DAILY DRILLING REPORT

9/10/2006

REPORT # 32

WELL	**Glenaire 01**	**24:00 DEPTH**	**3119m**	**24 HR PROG**	**47m**	**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Laira	**PTD**	3945m	**DAILY COSTS**	

OP's TO 06:00 POH for bit change, change bit and RIH. After last HWDP driller left top drive extended and sat on Monkey board..damaging board and Topdrive

REMARKS / FORWARD PLAN: After rig back operational,will line out well with this bit, then run PDC in conjunction with steering gear

PERSONNEL ON SITE: 39

LAST CASING	7 "	**SET AT**	2998m	**LOT**	13.8ppg	**MAASP**	**1919psi**	**BOP TEST**	27/09/2006	**TEST DUE**	11/10

AFD's: 72 **SAFETY** 1. Pretour:Isolation lockout system; 2. Pretour: Drilling actual

WEATHER AM Fine
PM Fine/cold

BIT INFORMATION

WOB(kLb)	12-15	**JET V(fps)**	108
RPM		**H S I**	0.54
BIT NUMBER		**9**	**10**
Size (in)		6.0	6.0
Make		Security	Smith
Type		XN4	XR+
IADC Code		217S	117
Serial Number		10826038	PB9348
T.F.A.(")		0.752	
Depth In (m)		3041	3119
Depth Out (m)		3119	
Total Meters		78	
Hours		43.5	
ROP		1.8	
Condition Out		3 5 WT A F 1 FC BC	

FLOW DATA

CIRC. RATE (gpm)	252
AV - DP (fpm)	260
AV - DC (fpm)	460
SPP (psi)	2930
SPP (calculated)	

PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE	60	**RATE**	60
LINER	5.0"	**LINER**	5.0"
STROKE	8.5"	**STROKE**	8.5"

SURVEYS

BHA # 10

TOOL	**LENGTH**
Bit Sec XN4	0.20
Mud Motor	6.79
Float sub	0.52
NMDC	9.29
MWD NM pony collar	1.94
MWDcollar	10.30
11xDC's	103.68
Jars	9.34
3xDCs	28.30
BHA LENGTH (m)	170.36
BHA WEIGHT(kLb)	22.3
STRING WT (kLb)	160.5
HOOK LOAD (kLb)	180.0
WT BELOW JARS (kLb)	
DRAG UP (kLb)	185.0
DRAG DOWN (kLb)	175.0
TORQUE ON (Amps/Rel.)	5300
TORQUE OFF (Amps/Rel.)	4090

BULK PRODUCTS

FUEL ON SITE	30250 Litres
DAILY USAGE	5350 Litres
CUM. FUEL USED	127836 Litres
BARITES ON SITE	125 kg
BARITES USED	175 kg
MUD MIXED	4312 Bbls
MUD LOSSES	3548 Bbls

MUD PROPERTIES

Time	2130
Depth (m)	3119
Temp (° C)	53
Mud Type	KCL/PHPA/POL
Density (ppg)	10.05
ECD (ppg)	
Viscosity (sec)	38
PV / YP (cp/lb)	11 / 7
Gells (s/m)	1 / 1
API Filt. (cc)	7
Cake (/32")	1
Solids (% Vol)	7.7
Sand (% Vol)	Tr
MBT	13
pH (strip)	10.5
Chlorides (mg/l)	107000
KCL (%)	14
PHPA (ppb)	0.87
ALC - 50 (K)	
Circ. Vol. (Bbl)	774

CHEMICAL USAGE

Ausben	1
Barite	47
Sodium Sulphite	3

OPERATION

	HRS	**CUM**
BOP's / Wellhead		36.0
Cementing		8.5
Circ & Condition	0.5	30.5
Coring		
D/O Cement		12.5
Drilling	20.5	271.5
FIT / LOT		4.0
Handle BHA		13.0
Repairs		10.0
Rig Service	0.5	5.0
Rig up Csg./ Cmt.		11.0
Run Casing		32.5
Safety		1.0
Slip/Cut Drill Line		5.5
Survey		26.5
Test BOP		18.0
Tight hole / Fishing		
Tripping	2.5	147.5
Wait on Cement		24.5
Wash / Ream		2.0
Well Control		1.0
Well Test		
Wiper Trip		14.0
Wireline		8.5
Other		78.0
TOTALS	24.0	761.0

DAILY MUD COSTS	$496.55
CUM. MUD COSTS	**$102,051.46**
AFE COST - C&S	
AFE COST - P&A	
AFE COST - C&C	

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	3:00	Drill ahead to 3076m., sliding
3:00	11:00	Drill ahead to 3097m., rotating
11:00	11:30	Rig Service
11:30	15:00	Drill ahead to 3106m., sliding
15:00	16:30	Drill ahead to 3110m, rotating
16:30	19:30	Drill ahead to 3116m., sliding
19:30	21:00	Drill ahead to 3119m., rotating
21:00	21:30	Circulate hole clean, survey
21:30	0:00	POH for bit change, bit at 1996m at midnight

MAXIMUM GAS:	8% @ 3089m	**BACKGROUND GAS:**	1.5 - 6%	**CONNECTION GAS:**	%	**TRIP GAS:**	%
SUPERVISOR:	Barry Beetson	**GEOLOGIST:**	Dave Horner	**MUD CO:**	RMN Drilling Fluids		