DAILY DRILLING REPORT

4/10/2006

REPORT # 27

WELL	**Glenaire 01**	**24:00 DEPTH**	**3041m**	**24 HR PROG**	**-265m**	**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Laira	**PTD**	3945m	**DAILY COSTS**	$254.20

OP's TO 06:00 Continued to RIH, tagged up at 3041m., unable to get surface readout from MWD., signal very weak. POH and monitor signal to see if it is depth related

REMARKS / FORWARD PLAN: Exhausted avenues of making tool work, consulted with Scientific Base. POH monitoring signal strenghth to see if signal is depth related.

PERSONNEL ON SITE: 40

LAST CASING	7 "	**SET AT**	2998m	**LOT**	13.8ppg	**MAASP**	**1842psi**	**BOP TEST**	27/09/2006	**TEST DUE**	11/10

AFD's: 67

SAFETY
1. Pretour:Hand tools
2. Pretour: Pickup and makeup mud motor

WEATHER AM Fine
PM Overcast/showers

BIT INFORMATION			
WOB(kLb)		**JET V(fps)**	
RPM		**H S I**	
BIT NUMBER		**9**	
Size (in)		6.0	
Make		Security	
Type		XS4SDB036	
IADC Code		217S	
Serial Number		10826038	
T.F.A.(")		0.920	
Depth In (m)			
Depth Out (m)		IN	
Total Meters		3041	
Hours		37	
ROP		82.2	
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 # 9	
TOOL	**LENGTH**
Bit	0.20
Mud Motor	6.79
Float sub	0.52
NMDC	9.29
MWD NM Sub	0.61
MWD NM Sub	1.52
11xDC's	103.68
Jars	9.34
3xDCs	28.30
9 x 3.5" HWDP	85.50
BHA LENGTH (m)	245.75
BHA WEIGHT(kLb)	32.0
STRING WT (kLb)	162.7
HOOK LOAD (kLb)	175.0
WT BELOW JARS (kLb)	
DRAG UP (kLb)	
DRAG DOWN (kLb)	
TORQUE ON (Amps/Rel.)	
TORQUE OFF (Amps/Rel.)	
BULK PRODUCTS	
FUEL ON SITE	44200 Litres
DAILY USAGE	4905 Litres
CUM. FUEL USED	113886 Litres
BARITES ON SITE	125 kg
BARITES USED	175 kg
MUD MIXED	4222 Bbls
MUD LOSSES	3482 Bbls

MUD PROPERTIES	
Time	0930
Depth (m)	3041
Temp (° C)	49
Mud Type	KCL/PHPA/POL
Density (ppg)	10.20
ECD (ppg)	
Viscosity (sec)	50
PV / YP (cp/lb)	16 / 11
Gells (s/m)	3 / 10
API Filt. (cc)	6.4
Cake (/32")	1
Solids (% Vol)	8.7
Sand (% Vol)	0.1
MBT	14
pH (strip)	11
Chlorides (mg/l)	118000
KCL (%)	14.5
PHPA (ppb)	0.9
ALC - 50 (K)	
Circ. Vol. (Bbl)	702
CHEMICAL USAGE	
Barite	31

OPERATION	**HRS**	**CUM**
BOP's / Wellhead		36.0
Cementing		8.5
Circ & Condition	1.0	30.0
Coring		
D/O Cement	0.5	12.5
Drilling		228.0
FIT / LOT		4.0
Handle BHA	1.0	12.5
Repairs		10.0
Rig Service		4.5
Rig up Csg./ Cmt.		11.0
Run Casing		32.5
Safety		1.0
Slip/Cut Drill Line		4.5
Survey		26.5
Test BOP		18.0
Tight hole / Fishing		
Tripping	11.0	118.0
Wait on Cement	6.0	24.5
Wash / Ream		2.0
Well Control		1.0
Well Test		
Wiper Trip		14.0
Wireline		8.5
Other	4.5	33.5
TOTALS	24.0	641.0
DAILY MUD COSTS		$254.20
CUM. MUD COSTS		**$99,324.23**
AFE COST - C&S		
AFE COST - P&A		
AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	6:00	Wait on cement and arrival of MWD equipment and personnel
6:00	6:30	RIH to 3037m
6:30	7:00	Polish cement plug from 3037m to 3041m
7:00	8:00	Circulate BU, flow check and pump slug
8:00	14:00	POH to make up directional assembly
14:00	15:00	Makeup bit, mud motor, float sub and monel, Rig up MWD equipment(arrived on location at 13:30 hrs
15:00	17:00	Rig up MWD and run cables
17:00	19:30	Hold PJSM and makeup MWD,Test mud motor and MWD at 47.3m
19:30	0:00	Continue to RIH filling string every 30std.to 2982m

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