DAILY DRILLING REPORT

2/10/2006

REPORT # 25

WELL	**Glenaire 01**	**24:00 DEPTH**	**3306m**	**24 HR PROG**	**16m**	**CUM. COSTS**	
RIG	Ensign # 32	**FORMATION**	Laira	**PTD**	3945m	**DAILY COSTS**	

OP's TO 06:00	Circulated out,POH with drill string and cement stinger, make up bit and RIH		
REMARKS / FORWARD PLAN:	Cement samples hard at surface at 06:00hrs, will circulate at shoe prior to tagging up.	**PERSONNEL ON SITE:**	**35**

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

AFD's: 65	**SAFETY**	1. Pretour: Rig safety 2. Pretour Tripping responsibilites,Cement stinger & precement	**WEATHER AM** Fine **PM** Fine/Cold

BIT INFORMATION			
WOB(kLb)	10-18	**JET V(fps)**	91
RPM		**H S I**	0.41
BIT NUMBER		**7**	
Size (in)		6.0	
Make		Hyc	
Type		SL12TKPR	
IADC Code		127	
Serial Number		NR2619	
T.F.A.(")		0.920	
Depth In (m)		3230	
Depth Out (m)		3306	
Total Meters		76	
Hours		23.5	
ROP		3.2	
Condition Out		3 5 WT A E 1 BT BHA	
FLOW DATA			
CIRC. RATE (gpm)		261	
AV - DP (fpm)		269	
AV - DC (fpm)		476	
SPP (psi)		2600	
SPP (calculated)			
PUMP #1		**PUMP #2**	
8-P-80		**8-P-80**	
RATE	62	**RATE**	62
LINER	5.0"	**LINER**	5.0"
STROKE	8.5"	**STROKE**	8.5"
SCR: 550 @ 40		SCR: 980 @ 60	
SURVEYS			
20.5° at 3294m			

BHA # 7	
TOOL	**LENGTH**
Hyc SL12TKPR	0.20
Mud Motor	6.79
Float sub	0.52
Orienting sub	0.66
NMDC	9.29
11xDC's	103.68
Jars	9.34
3xDCs	28.30
9 x 3.5" HWDP	85.50
BHA LENGTH (m)	244.28
BHA WEIGHT(kLb)	31.9
STRING WT (kLb)	175.0
HOOK LOAD (kLb)	185.0
WT BELOW JARS (kLb)	
DRAG UP (kLb)	190.0
DRAG DOWN (kLb)	175.0
TORQUE ON (Amps/Rel.)	5100
TORQUE OFF (Amps/Rel.)	3900
BULK PRODUCTS	
FUEL ON SITE	25000 Litres
DAILY USAGE	5000 Litres
CUM. FUEL USED	104281 Litres
BARITES ON SITE	125 kg
BARITES USED	175 kg
MUD MIXED	4122 Bbls
MUD LOSSES	3444 Bbls

MUD PROPERTIES	
Time	0815
Depth (m)	3306
Temp (° C)	57
Mud Type	KCl/PHPA/POL
Density (ppg)	10.20
ECD (ppg)	
Viscosity (sec)	45
PV / YP (cp/lb)	13 / 10
Gells (s/m)	2 / 7
API Filt. (cc)	6.5
Cake (/32")	1
Solids (% Vol)	8.7
Sand (% Vol)	0.1
MBT	15
pH (strip)	10
Chlorides (mg/l)	125000
KCL (%)	15
PHPA (ppb)	1.1
ALC - 50 (K)	
Circ. Vol. (Bbl)	573
CHEMICAL USAGE	
Barite	44
Biocide G	1
NaCl	222
Sodium Sulphite	2
Xanthan Gum	1

OPERATION	**HRS**	**CUM**
BOP's / Wellhead		36.0
Cementing	1.0	8.5
Circ & Condition	4.5	27.5
Coring		
D/O Cement		12.0
Drilling	5.0	228.0
FIT / LOT		4.0
Handle BHA	0.5	11.5
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	1.0	26.5
Test BOP		18.0
Tight hole / Fishing		
Tripping	12.0	98.0
Wait on Cement		5.0
Wash / Ream		2.0
Well Control		1.0
Well Test		
Wiper Trip		14.0
Wireline		8.5
Other		29.0
TOTALS	24.0	593.0
DAILY MUD COSTS		$2,892.30
CUM. MUD COSTS		**$95,451.10**
AFE COST - C&S		
AFE COST - P&A		
AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	2:30	Directionally drill from 3290m to 3295m Sliding and rotating as required
2:30	4:00	Flow check after hi gas(4337 units, no pit gain), circulate out gas and raise mud weight to 10.2ppg
4:00	6:30	Directionally drill from 3295m to 3306m, Sliding and rotating as required
6:30	7:30	Circulate and survey at 3294m 20.5 Deg N12W
7:30	9:00	Circulate hole clean
9:00	14:00	Flow check, pump pill, POH with flow checks at 5 std shoe and BHA. Break and layout Float sub, orient sub, NMDC
14:00	14:30	Service mud motor and layout
14:30	15:30	Rigup and run 15 jts cement stinger and difffuser
15:30	20:30	Continue to RIH with 3.5" drill pipe to 3224m
20:30	21:30	Circulate BU and spot 100 mtrs+- HI Vis pill
21:30	22:00	POH to 3128m to run cement kickoff plug
22:00	23:00	Cement plug # 1 from 3128m to 3028m, 76 sx HTB mixed at 16.5ppg with additives as per cementing program
23:00	23:30	POH slowly to 2985m
23:30	0:00	Circulate out

MAXIMUM GAS:	4337% @ 3294m	**BACKGROUND GAS:**	50-70%	**CONNECTION GAS:**	%	**TRIP GAS:**	4006%

SUPERVISOR:	Barry Beetson	**GEOLOGIST:**	Dave Horner	**MUD CO:**	RMN Drilling Fluids