



DAILY DRILLING REPORT

20/09/2006

REPORT # 13

WELL	Glenaire 01	24:00 DEPTH	2485m	24 HR PROG	120m	CUM. COSTS	
RIG	Ensign # 32	FORMATION	Laira	PTD	3945m	DAILY COSTS	
OP's TO 06:00	POOH, lay out stab's, RIH, RR Bit #3 & Pentalum Assembly w/ stab. @ 27met. (90 ft), P.U. 57jnt's x 4-1/2" d.p., cont., RIH, wash last stand to bottom, drill f/ 2386 to 2526m, surv. @ 2517, = 5-1/2 deg., drill f/2526 to 2548m						
REMARKS / FORWARD PLAN:	Remaining 7" x 26lb/ft csg. arrived (note; deviation is coming back, last surv. = 5-1/2 deg.) >/> Drill ahead, taking surveys as required to 3002m confirmed, csg. strapped					PERSONNEL ON SITE:	38
LAST CASING	9 5/8"	SET AT	1252m	LOT	13.5ppg	MAASP	872psi
		BOP TEST	16/09/2006	TEST DUE	30/09		
AFD's: 53	SAFETY	1. 2. Toolbox talk daily				WEATHER AM	overcast
						PM	rain

BIT INFORMATION				BHA # 4		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	3-5	JET V(fps)	264	TOOL	LENGTH	Time	2140	BOP's / Wellhead		22.5
RPM	200	H S I	2.73	8.5	0.23	Depth (m)	2463	Cementing		5.5
BIT NUMBER	4		3	Mud Motor	8.58	Temp (° C)	51	Circ & Condition	0.5	10.0
Size (in)	8.5		8.5	NMDC	9.33	Mud Type	KCl/PHPA/POL	Coring		
Make	Hyc		Hyc	1x6-1/4" dc	9.42	Density (ppg)	9.40	D/O Cement		9.5
Type	DSX519M		DSX519M	Stab.	1.14	ECD (ppg)	9.76	Drilling	12.0	137.5
IADC Code	PDC		PDC	11x6-1/4" dc's	102.73	Viscosity (sec)	49	FIT / LOT		1.0
Serial Number	211741		211741	Jars	9.74	PV / YP (cp/lb)	12 / 18	Handle BHA	1.5	2.5
T.F.A.(°)	0.552		0.552	3x6-1/4" dc's	27.31	Gells (s/m)	5 / 15	Repairs		7.5
Depth In (m)	2386		1255	12xHWDP	114.65	API Filt. (cc)	7.6	Rig Service		2.5
Depth Out (m)	IN		2386			Cake (/32")	1	Rig up Csg./ Cmt.		7.0
Total Meters	99		1131			Solids (% Vol)	5.5	Run Casing		19.0
Hours	8		64.5			Sand (% Vol)	0.2	Safety		1.0
ROP	12.4		17.5			MBT	17.5	Slip/Cut Drill Line	0.5	2.0
Condition Out	0 0 NO A X i RR BHA			BHA LENGTH (m)	283.13	pH (strip)	9	Survey	0.5	9.5
FLOW DATA				BHA WEIGHT(kLb)	50.5	Chlorides (mg/l)	28300	Test BOP		8.5
CIRC. RATE (gpm)	454			STRING WT (kLb)	64.5	KCL (%)	5.8	Tight hole / Fishing		
AV - DP (fpm)	214			HOOK LOAD (kLb)	195.0	PHPA (ppb)	1.06	Tripping	8.5	28.5
AV - DC (fpm)	371			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		5.0
SPP (psi)	1630			DRAG UP (kLb)	196.0	Circ. Vol. (Bbl)	931	Wash / Ream	0.5	2.0
SPP (calculated)	1670			DRAG DOWN (kLb)	190.0	CHEMICAL USAGE		Well Control		1.0
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)	6150	AMC Pac- LV	6	Well Test		
8-P-80	8-P-80			TORQUE OFF (Amps/Rel.)	2150	Barite	64	Wiper Trip		11.0
RATE	108	RATE	108	BULK PRODUCTS		Biocide G	1	Wireline		
LINER	5.0"	LINER	5.0"	FUEL ON SITE	46650 Litres	Caustic Soda	1	Other		12.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	4203 Litres	PHPA	2	TOTALS	24.0	305.0
SCR: 240 @ 40	SCR: 320 @ 60			CUM. FUEL USED	54671 Litres	Soda Ash	2	DAILY MUD COSTS	\$3,215.08	
SURVEYS				BARITES ON SITE	-125 kg	Sodium Sulphite	2	CUM. MUD COSTS	\$64,709.70	
5.5° at 2517m				BARITES USED	125 kg	Xanthan Gum	1	AFE COST - C&S		
				MUD MIXED	3692 Bbbls	KCL	42	AFE COST - P&A		
				MUD LOSSES	2769 Bbbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400		
From	To	Description
0:00	2:00	Drill 8-1/2" hole f/ 2365m to 2386m
2:00	2:30	Circ. & survey @ 2374m, 6 deg., N2E, AZI = 9
2:30	3:00	Circ. hole clean
3:00	9:30	Flow check, slug pipe, POOH, hole slick, break off bit, = in gage & good condition, clear rig floor
9:30	11:00	Make up 8-1/2", RR #3, PDC bit, & Pentalum Assembly BHA (stab. @ 27.56met.) (90 ft) RIH, BHA to HWDP
11:00	13:00	Pick up # 57 single jnts of 4-1/2" d.p., RIH to 850m
13:00	14:00	Cont. RIH stands d.p. to 9-5/8" shoe, "Hold Kick Drill", .break circ.
14:00	14:30	Slip drilling line
14:30	15:30	Cont. RIH stands of d.p. (hole good)
15:30	16:00	Break circ., light wash & ream last stand to bottom @ 2386m (5met. of fill)
16:00	0:00	Drill 8-1/2" hole f/ 2386m to 2485m

MAXIMUM GAS:	70% @ 2427m	BACKGROUND GAS:	%	CONNECTION GAS:	%	TRIP GAS:	85%
SUPERVISOR:	B.Marriott/B.Beetson	GEOLOGIST:	Dave Horner	MUD CO:	RMN Drilling Fluids		