



DAILY DRILLING REPORT

21/10/2006

REPORT # 44

WELL	Glenaire 01 ST1	24:00 DEPTH	3572m	24 HR PROG	9m	CUM. COSTS	\$157,435				
RIG	Ensign # 32	FORMATION	Pretty Hill	PTD	3945m	DAILY COSTS	\$410.20				
OP's TO 06:00	POOH w/ PDC, DSX516m, RIH w/ 6"x DSX111GJW bit, w/ 4x20 & 3x10 jets, RIH to shoe, slip drlg. line, rig service, cont. RIH, light ream & wash last #2 stands (57m) to bot., bed in bit, drill f/ 3564m to 3578m										
REMARKS / FORWARD PLAN:	f/ 3564m to 3572m Av. = 1.23mph >> f/ 3572m to 3579m Av. = 1.16mph, Operation = Drilling thru, 3578m @ 06:00hrs, Drill ahead to end of bit life or TD					PERSONNEL ON SITE:	39				
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1331psi	BOP TEST	11/10/2006	TEST DUE	25/10
AFD's: 84	SAFETY						WEATHER AM		Fine		
	1. Toolbox meeting						PM		Overcast		
	2.										

BIT INFORMATION				BHA # 12		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	4-13	JET V(fps)	73	TOOL	LENGTH	Time	2230	BOP's / Wellhead		36.0
RPM	190	H S I	0.23	DSX111GJW	0.20	Depth (m)	3570	Cementing		8.5
BIT NUMBER	11			P100XL Mud Motor	7.25	Temp (° C)	51	Circ & Condition	0.5	40.0
Size (in)	6.0			Float sub	0.52	Mud Type	KCL/PHPA/PO	Coring		
Make	Hyc			14 X 4-3/4" DC's	132.38	Density (ppg)	11.20	D/O Cement		12.5
Type	DSX111			Dailey Drlg. Jars	8.96	ECD (ppg)	11.58	Drilling	7.0	384.5
LADC Code	PDC			3 X 4-3/4" DC's	28.30	Viscosity (sec)	37	FIT / LOT		4.0
Serial Number	112300			9 X HWDP	85.50	PV / YP (cp/lb)	11 / 10	Handle BHA		14.0
T.F.A.(")						Gells (s/m)	2 / 3	Repairs	0.5	68.0
Depth In (m)	3564					API Filtr. (cc)	6.2	Rig Service	0.5	7.0
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.		11.0
Total Meters						Solids (% Vol)	8.9	Run Casing		32.5
Hours						Sand (% Vol)	Tr	Safety		2.0
ROP						MBT	8	Slip/Cut Drill Line	0.5	8.0
Condition Out				BHA LENGTH (m)	263.11	pH (strip)	9.5	Survey		36.5
FLOW DATA				BHA WEIGHT(kLb)	33.5	Chlorides (mg/l)	168000	Test BOP		24.0
CIRC. RATE (gpm)	210			STRING WT (kLb)	185.4	KCL (%)	7.75	Tight hole / Fishing		
AV - DP (fpm)	217			HOOK LOAD (kLb)	200.0	PHPA (ppb)	0.75	Tripping	13.0	216.0
AV - DC (fpm)	383			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		24.5
SPP (psi)	2900			DRAG UP (kLb)	205.0	Circ. Vol. (Bbl)	842	Wash / Ream	1.0	9.5
SPP (calculated)	2530			DRAG DOWN (kLb)	190.0	CHEMICAL USAGE		Well Control		3.5
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)	5400	Barite	40	Well Test		
8-P-80		8-P-80		TORQUE OFF (Amps/Rel.)	3600	Caustic Soda	1	Wiper Trip		14.5
RATE	40	RATE	60	BULK PRODUCTS		Sodium Sulphite	1	Wireline		8.5
LINER	5.0"	LINER	5.0"	FUEL ON SITE	16200 Litres			Other	1.0	84.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	4850 Litres			TOTALS	24.0	1049.0
SCR: 980 @ 720		SCR: 980 @ 680		CUM. FUEL USED	178688 Litres			DAILY MUD COSTS		\$410.20
SURVEYS				BARITES ON SITE	50 kg			CUM. MUD COSTS		\$157,434.55
				BARITES USED	250 kg			APE COST - C&S		
				MUD MIXED	5202 Bbls			APE COST - P&A		
				MUD LOSSES	4199 Bbls			APE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	0:30	Drill F/3563m to 3564m.
0:30	1:00	Circ. and work pipe, Flow check & pump pill
1:00	7:30	POOH 50k over pull f/ 3510m > 3505m, 25k over pull f/ 3505m > 3190m, 15k over pull f/ 3190m > 2998m, Flow check @ shoe (ok)
7:30	8:00	Flush out Mud motor with water, break off bit, clear rig floor
8:00	8:30	Rig repairs
8:30	14:00	Make up Hyc., 6", bit, DSX111GJW (# 7 blade) s.n. = 112300, w/ 4x20 & 3x10 jets, RR mud motor, RIH to shoe, break circ.
14:00	14:30	Slip drilling line
14:30	15:00	Rig service
15:00	15:30	Service Top Drive, repair faulty elect. wire for "max torque" in Top drive box
15:30	16:30	Cont. RIH, to 3567m
16:30	17:30	Break circ., light wash & ream f/ 3507m to bottom @ 3564m (ream thru. 3510m several times to clean up 50k overpull section)
17:30	0:00	Drill f/ 3564m to 3572m, rotating 60rpm, 248gpm = 130rpm (total = 190rpm), WOB = 4k to 13k (av. ROP = 1.23mph)

MAXIMUM GAS:	114% @ 3566m	BACKGROUND GAS:	60 - 80%	CONNECTION GAS:	%	TRIP GAS:	3610%
SUPERVISOR:	Brian Marriott/Ray Ell	GEOLOGIST:	Dave Horner	MUD CO:	RMN Drilling Fluids		