



DAILY DRILLING REPORT

20/10/2006

REPORT # 43

WELL	Glenaire 01 ST1	24:00 DEPTH	3563m	24 HR PROG	56m	CUM. COSTS	\$157,024				
RIG	Ensign # 32	FORMATION	Pretty Hill	PTD	3945m	DAILY COSTS	\$5,879.09				
OP's TO 06:00	RIH w/ RR #4, DSX516 bit, to 2280m, circ. out 13.5ppg pill, cont. RIH to shoe, slip Drlg. line, RIH to bottom, circ. bot's up, drill f/ 3507m to 3563m, reduce mud wt. f/11.4ppg + to 11.2ppg										
REMARKS / FORWARD PLAN:	Formation top for "Pretty Hill" @ 3508m >>>> R.O.P. slowed to 1 mph, POOH lay out M/motor & bit & RIH Tricone, Smith XR30 (537) w/ 3x24 jets, Drill ahead					PERSONNEL ON SITE:	40				
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1331psi	BOP TEST	11/10/2006	TEST DUE	25/10
AFD's: 83	SAFETY	1. Toolbox meeting 2. Hole losses & drlg. into Pretty Hill formation over balance					WEATHER AM	shower	PM	overcast	

BIT INFORMATION				BHA # 11		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(kLb)	4-12	JET V(fps)	73	TOOL	LENGTH	Time	2230	BOP's / Wellhead			36.0
RPM	190	H S I	0.23	DSX516M-B1,RR	0.20	Depth (m)	3558	Cementing			8.5
BIT NUMBER	RR4			P100XL Mud Motor	7.25	Temp (° C)	50	Circ & Condition		2.0	39.5
Size (in)	6.0			Float sub	0.52	Mud Type	KCL/PHPA/POH	Coring			
Make	Hyc			14 X DC's	132.38	Density (ppg)	11.20	D/O Cement			12.5
Type	DSX516M			Jars	8.96	ECD (ppg)	11.61	Drilling		13.5	377.5
IADC Code				3 X DC's	28.30	Viscosity (sec)	36	FIT / LOT			4.0
Serial Number	114752			9 X HWDP	85.50	PV / YP (cp/lb)	11 / 9	Handle BHA		1.0	14.0
T.F.A.(")						Gells (s/m)	1 / 2	Repairs			67.5
Depth In (m)	3507					API Filt. (cc)	5.5	Rig Service			6.5
Depth Out (m)	3564					Cake (/32")	1	Rig up Csg./ Cmt.			11.0
Total Meters	57					Solids (% Vol)	8.7	Run Casing			32.5
Hours	145.5					Sand (% Vol)	Tr	Safety			2.0
ROP						MBT	8	Slip/Cut Drill Line		0.5	7.5
Condition Out						pH (strip)	9.5	Survey			36.5
FLOW DATA				BHA LENGTH (m)		263.11		BHA WEIGHT(kLb)		33.3	
CIRC. RATE (gpm)	210			STRING WT (kLb)		184.7		KCL (%)		8	
AV - DP (fpm)	217			HOOK LOAD (kLb)		195.0		PHPA (ppb)		0.7	
AV - DC (fpm)	383			WT BELOW JARS (kLb)		208.0		ALC - 50 (K)		840	
SPP (psi)	2900			DRAG UP (kLb)		188.0		CHEMICAL USAGE			
SPP (calculated)	2570			DRAG DOWN (kLb)		6100		Barite		320	
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)		4093		Biocide G		2	
8-P-80		8-P-80		TORQUE OFF (Amps/Rel.)		4093		Caustic Soda		3	
RATE	40	RATE	60	BULK PRODUCTS							
LINER	5.0"	LINER	5.0"	FUEL ON SITE		21050 Litres		PHPA		2	
STROKE	8.5"	STROKE	8.5"	DAILY USAGE		4350 Litres		Sodium Sulphite		4	
SCR: 1040 @ 630		SCR: 1060 @ 640		CUM. FUEL USED		173838 Litres		Xanthan Gum		2	
SURVEYS				BARITES ON SITE		50 kg		KCL		84	
				BARITES USED		250 kg		Kwikseal F		1	
				MUD MIXED		5202 Bbls					
				MUD LOSSES		4127 Bbls					
HOURLY OPERATIONS SUMMARY 0000 to 2400											
From	To	Description									
0:00	1:00	Break out bit, Set motor to 0 -degrees, Lay out monel & MWD (lost additional 25bbls after spotting 13.5ppg pill @ 2000m while POOH)									
1:00	5:30	Make up RR4 bit, DSX516, s.n. 114752, install totoco ring, RIH to 1122m, break circ., cont. RIH to 2580m , mud level dropped 2m									
5:30	6:30	Circ.out weighted 13.5ppg pill (lost 9bbls while RIH to 2580) (lost additional 27bbls while circ. out weighted pill) return to slug tank, nil gas									
6:30	7:00	Slip drilling line									
7:00	8:00	Cont. RIH to shoe @ 2998m, slowly									
8:00	8:30	Circ. bottoms up, Hold "Safety Meeting" regarding drilling ahead into "Pretty Hill) Max Gas on bottoms up f/ shoe = 690 units									
8:30	9:30	RIH slowly f/ shoe to 3487m									
9:30	10:00	Light wash & ream f/ 3487m to bottom @ 3507m (run centrifuge, reduce mud wt. f/ 11.4ppg + to 11.4ppg									
10:00	10:30	Circ. bottoms up, max gas 3040 units (f/ 3192m), not losing any mud to hole. Mud wt. = 11.4ppg in & out (take SCR's)									
10:30	0:00	Drill f/ 3507m to 3563m, rotating 60rpm, 248gpm = 130rpm, (total 190rpm), WOB = 5k > 9k (reduce mud wt. f/11.4ppg + to 11.2ppg)									
MAXIMUM GAS: 2331% @ 3529m BACKGROUND GAS: 80 - 150% CONNECTION GAS: 3543% TRIP GAS: 3231%											
SUPERVISOR: Brian Marriott/Ray Ell				GEOLOGIST: Dave Horner				MUD CO: RMN Drilling Fluids			