



DAILY DRILLING REPORT

18/10/2006

REPORT # 41

WELL	Glenaire 01 ST1	24:00 DEPTH	3418m	24 HR PROG	57m	CUM. COSTS	
RIG	Ensign # 32	FORMATION	Laira	PTD	3945m	DAILY COSTS	
OP's TO 06:00	Slide / Drill f/ 3356m to 3386m, surveys as required, 40k o.p. @ 3386m, circ., Wiper to shoe, RIH, wash / Ream f/ 3200m to bottom @ 3386m, Slide / Drill f/ 3386m to 3451m, take surveys as required						
REMARKS / FORWARD PLAN:	(Lag time on conn. Gasses, corresponds to a depth @ 3192m) / Cont. drill thru. 3451m @ 06:00hrs. Plan is to drill / slide ahead to 3500m + -, POOH & lay out Schumb. tools					PERSONNEL ON SITE:	40
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1279psi
		BOP TEST	11/10/2006	TEST DUE	25/10		
AFD's: 81	SAFETY	1. Toolbox meeting 2.				WEATHER AM	Overcast
					PM	Overcast/Shower	

BIT INFORMATION				BHA # 10		MUD PROPERTIES		OPERATION	HRS	CUM	
WOB(kLb)	3-4	JET V(fps)	91	TOOL	LENGTH	Time	2345	BOP's / Wellhead		36.0	
RPM	200	H S I	0.42	DSX516M-B1, RR4	0.19	Depth (m)	3418	Cementing		8.5	
BIT NUMBER	RR4			P100XL Mud Motor	6.79	Temp (° C)	53	Circ & Condition	0.5	36.0	
Size (in)	6.0			Float sub	0.52	Mud Type	KCL/PHPA/POI	Coring			
Make	Hyc			MWD NM pony collar	1.94	Density (ppg)	11.30	D/O Cement		12.5	
Type	DSX516M			MWD collar	10.30	ECD (ppg)		Drilling	17.5	351.5	
IADC Code	PDC			NMDC	9.30	Viscosity (sec)	35	FIT / LOT		4.0	
Serial Number	114752			11xDC's	104.08	PV / YP (cp/lb)	10 / 9	Handle BHA		13.0	
T.F.A.(°)	0.863			Jars	9.34	Gells (s/m)	1 / 2	Repairs		67.5	
Depth In (m)	3207			3xDCs	28.30	API Filt. (cc)	5.5	Rig Service		6.5	
Depth Out (m)	3207			9xHWDP	85.50	Cake (/32")	1	Rig up Csg./ Cmt.		11.0	
Total Meters						Solids (% Vol)	9.8	Run Casing		32.5	
Hours						Sand (% Vol)	Tr	Safety		1.5	
ROP						MBT	9	Slip/Cut Drill Line		7.0	
Condition Out				BHA LENGTH (m)	256.26	pH (strip)	9	Survey	2.0	34.5	
FLOW DATA				BHA WEIGHT(kLb)	32.5	Chlorides (mg/l)	171000	Test BOP		24.0	
CIRC. RATE (gpm)	244			STRING WT (kLb)	177.3	KCL (%)	7	Tight hole / Fishing			
AV - DP (fpm)	252			HOOK LOAD (kLb)	190.0	PHPA (ppb)	0.74	Tripping		189.5	
AV - DC (fpm)	445			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		24.5	
SPP (psi)	3170			DRAG UP (kLb)	200.0	Circ. Vol. (Bbl)	800	Wash / Ream	3.0	8.0	
SPP (calculated)				DRAG DOWN (kLb)	180.0	CHEMICAL USAGE		Well Control		3.5	
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)	5650	AMC Pac- LV	3	Well Test			
8-P-80	8-P-80			TORQUE OFF (Amps/Rel.)	4093	Barite	384	Wiper Trip	0.5	14.5	
RATE	58	RATE	58	BULK PRODUCTS				Biocide G	1	Wireline	8.5
LINER	5.0"	LINER	5.0"	FUEL ON SITE	32250 Litres	Caustic Soda	1	Other	0.5	82.5	
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	4685 Litres	PHPA	2	TOTALS	24.0	977.0	
SCR: 630 @ 40	SCR: 1080 @ 60			CUM. FUEL USED	162638 Litres	Sodium Sulphite	3	DAILY MUD COSTS		\$6,510.99	
SURVEYS				BARITES ON SITE	50 kg	Xanthan Gum	2	CUM. MUD COSTS		\$145,398.08	
3.0° at 3370m	2.92° at 3407m			BARITES USED	250 kg	KCL	84	AFE COST - C&S			
2.48° at 3378m	2.99° at 3427m			MUD MIXED	5002 Bbls			AFE COST - P&A			
3.21° at 3398m				MUD LOSSES	3975 Bbls			AFE COST - C&C			

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	1:00	Slide f/ 3361m to 3362m
1:00	1:30	Drill f/ 3362m to 3366m, rotating
1:30	2:00	Survey @ 3365m, 1.86 deg., AZI = 275.69
2:00	4:30	Drill f/ 3366m to 3386m, rotating 70rpm, 248gpm = 125rpm (total = 195rpm) WOB = 3k
4:30	5:00	Survey @ 3370m 3 deg., AZI = 232.77
5:00	5:30	Complete survey, work pipe, 40k over pull, hole sticky, circ. bottoms up, 4497 units of gas
5:30	6:00	Flow check, slug pipe, Wiper trip to shoe (14 stands), intermittent 10k to 15k overpull, jar free 50k overpull @ 3259m, cont. POOH, ok
6:00	9:00	RIH to 3200m, light wash & ream thru 3259m, cont. W/R to bottom, 25k overpull on bottom, wash, work & ream f/ 3383m to 3386m
9:00	9:30	Recycle tool & Oreintate tool face
9:30	15:00	Slide f/ 3386m to 3391m, 248gpm = 125rpm, (Lag time on connection gas corresponds to a depth @ 3192m = 4240 units)
15:00	16:00	Drill f/ 3391m to 3394m, rotating 70rpm, 252gpm = 131rpm, (total 201rpm) WOB = 3k
16:00	16:30	Survey @ 3378.51m, 2.48, AZI =244.84 (take SCR's w/ 11.3ppg mud wt.)
16:30	18:30	Drill f/ 3394m to 3413m, rotating 70rpm, 252gpm = 131rpm, (total 201rpm) WOB = 3k > 4k
18:30	19:00	Survey @ 3398.34, 3.21 deg., AZI = 204.45
19:00	0:00	Slide f/ 3413m to 3418m, 244gpm = 127rpm

MAXIMUM GAS:	4624% @ 3394m	BACKGROUND GAS:	160%	CONNECTION GAS:	4624%	TRIP GAS:	4233%
SUPERVISOR:	Brian Marriott/Ray Ell		GEOLOGIST:	Dave Horner		MUD CO:	RMN Drilling Fluids