



DAILY DRILLING REPORT

8/10/2006

REPORT # 31

WELL	Glenaire 01ST1	24:00 DEPTH	3072m	24 HR PROG	31m	CUM. COSTS	
RIG	Ensign # 32	FORMATION	Laira	PTD	3945m	DAILY COSTS	
OP's TO 06:00	Directionally drilling from 3072m to 3083m Rotating and sliding as required						
REMARKS / FORWARD PLAN:	Survey tool 15m+- behind bit.. Should start seeing new surveys shortly.					PERSONNEL ON SITE:	38
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1919psi
		BOP TEST	27/09/2006		TEST DUE	11/10	
AFD's: 71	SAFETY	1. Pretour: Mixing chemicals 2. Weekly safety meetings, Pretour				WEATHER AM	Fine
					PM	Fine/cold	

BIT INFORMATION				BHA # 10		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	1-13	JET V(fps)	108	TOOL	LENGTH	Time	2340	BOP's / Wellhead		36.0
RPM		H S I	0.54	Bit Sec XN4	0.20	Depth (m)	3072	Cementing		8.5
BIT NUMBER	9			Mud Motor	6.79	Temp (° C)	52	Circ & Condition		30.0
Size (in)	6.0			Float sub	0.52	Mud Type	KCL/PHPA/POI	Coring		
Make	Security			NMDC	9.29	Density (ppg)	10.05	D/O Cement		12.5
Type	XN4			MWD NM pony collar	1.94	ECD (ppg)		Drilling	23.0	251.0
IADC Code	217S			MWDcollar	10.30	Viscosity (sec)	38	FIT / LOT		4.0
Serial Number	10826038			11xDC's	103.68	PV / YP (cp/lb)	11 / 6	Handle BHA		13.0
T.F.A. (")				Jars	9.34	Gells (s/m)	1 / 1	Repairs		10.0
Depth In (m)	3041			3xDCs	28.30	API Filt. (cc)	7	Rig Service		4.5
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.		11.0
Total Meters	31					Solids (% Vol)	7.6	Run Casing		32.5
Hours	23.5					Sand (% Vol)	Tr	Safety		1.0
ROP	1.3					MBT	13	Slip/Cut Drill Line		5.5
Condition Out				BHA LENGTH (m)	170.36	pH (strip)	11	Survey		26.5
FLOW DATA				BHA WEIGHT(kLb)	22.3	Chlorides (mg/l)	110500	Test BOP		18.0
CIRC. RATE (gpm)	252			STRING WT (kLb)	158.3	KCL (%)	14	Tight hole / Fishing		
AV - DP (fpm)	260			HOOK LOAD (kLb)	178.0	PHPA (ppb)	0.87	Tripping		145.0
AV - DC (fpm)	460			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		24.5
SPP (psi)	2850			DRAG UP (kLb)	185.0	Circ. Vol. (Bbl)	756	Wash / Ream		2.0
SPP (calculated)				DRAG DOWN (kLb)	173.0	CHEMICAL USAGE		Well Control		1.0
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)	1500	AMC Pac- LV	6	Well Test		
8-P-80	8-P-80			TORQUE OFF (Amps/Rel.)	1000	Biocide G	1	Wiper Trip		14.0
RATE	60	RATE	60	BULK PRODUCTS		PHPA	1	Wireline		8.5
LINER	5.0"	LINER	5.0"	FUEL ON SITE	35600 Litres	Sodium Sulphite	1	Other	1.0	78.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	4850 Litres	Xanthan Gum	1	TOTALS	24.0	737.0
SCR: 580 @ 40	SCR: 1010 @ 60			CUM. FUEL USED	122486 Litres			DAILY MUD COSTS		\$1,656.68
SURVEYS				BARITES ON SITE	125 kg			CUM. MUD COSTS		\$101,554.91
				BARITES USED	175 kg			APE COST - C&S		
				MUD MIXED	4312 Bbbls			APE COST - P&A		
				MUD LOSSES	3528 Bbbls			APE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	6:00	Orient tool face time drill to kickoff, Drill to 3048m. No formation in samples. 100% cement..WOB 2k
6:00	6:30	Slide from 3048m to 3058m. No formation in samples 100% cement returns
6:30	7:30	Work pipe to undercut hole and form a ledge from 3048m to 3058m
7:30	12:00	Time drill at 1m/hr to 3062m..100% cement no formation in samples(sliding)
12:00	15:00	Time drill at 0.5m/hr to 3064m..(sliding) 30% formation
15:00	16:30	Time drill at 1m/hr to 3066m.. 90% formation in samples(sliding)
16:30	19:30	Drill with 12/13k on bit sliding..to 3068m
19:30	20:30	Drill with 60 RPM on rotary to 3069m
20:30	21:00	Check trip to shoe, hole OK above
21:00	22:00	Drill ahead to 3070m., rotating
22:00	0:00	Drill ahead to 3072m., rotating

MAXIMUM GAS:	14.2% @ 3059m	BACKGROUND GAS:	1.8 to 2.5%	CONNECTION GAS:	%	TRIP GAS:	15%
SUPERVISOR:	Barry Beetson	GEOLOGIST:	Dave Horner	MUD CO:	RMN Drilling Fluids		