



DAILY DRILLING REPORT

30/09/2006

REPORT # 23

WELL	Glenaire 01	24:00 DEPTH	3230m	24 HR PROG		CUM. COSTS	
RIG	Ensign # 32	FORMATION	Laira	PTD	3945m	DAILY COSTS	
OP's TO 06:00	Directional Drill F/-3230m T/-3247m (Slide and steer as required) Taking wireline surveys surveys to align bit.						
REMARKS / FORWARD PLAN:	Directional Drilling target 2-3 deg/100m					PERSONNEL ON SITE:	34
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1944psi
		BOP TEST	27/09/2006	TEST DUE	11/10		
AFD's: 63	SAFETY	1. Pretour: tripping out of hole 2. Pretour: BHA m/u, chain tong, pipe tong				WEATHER AM	Fine
						PM	Fine

BIT INFORMATION				BHA # 7		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)		JET V(fps)	108	TOOL	LENGTH	Time	2300	BOP's / Wellhead		36.0
RPM		H S I		Hyc SL12TKPR	0.20	Depth (m)	3230	Cementing		7.5
BIT NUMBER				Mud Motor	6.79	Temp (° C)	39	Circ & Condition	2.0	22.5
Size (in)				Float sub	0.52	Mud Type	KCI/PHPA/POL	Coring		
Make				Orienting sub	0.66	Density (ppg)	10.00	D/O Cement		12.0
Type				NMDC	9.29	ECD (ppg)		Drilling		204.5
IADC Code				11xDC's	103.68	Viscosity (sec)	44	FIT / LOT		4.0
Serial Number				Jars	9.34	PV / YP (cp/lb)	12 / 12	Handle BHA	2.5	11.0
T.F.A. (")				3xDCs	28.30	Gells (s/m)	3 / 14	Repairs		10.0
Depth In (m)				9 x 3.5" HWDP	85.50	API Filt. (cc)	6.8	Rig Service	0.5	4.5
Depth Out (m)						Cake (/32")	1	Rig up Csg./ Cmt.		11.0
Total Meters						Solids (% Vol)	8.1	Run Casing		32.5
Hours						Sand (% Vol)	0.1	Safety		1.0
ROP						MBT	16.3	Slip/Cut Drill Line	1.0	4.5
Condition Out				BHA LENGTH (m)	244.28	pH (strip)	10	Survey	1.0	20.5
FLOW DATA				BHA WEIGHT(kLb)	32.0	Chlorides (mg/l)	85000	Test BOP		18.0
CIRC. RATE (gpm)		252		STRING WT (kLb)	153.8	KCL (%)	13.3	Tight hole / Fishing		
AV - DP (fpm)		260		HOOK LOAD (kLb)	185.0	PHPA (ppb)	0.85	Tripping	13.5	86.0
AV - DC (fpm)		460		WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		5.0
SPP (psi)		2700		DRAG UP (kLb)		Circ. Vol. (Bbl)	782	Wash / Ream		2.0
SPP (calculated)				DRAG DOWN (kLb)		CHEMICAL USAGE		Well Control		1.0
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)		Barite	40	Well Test		
8-P-80		8-P-80		TORQUE OFF (Amps/Rel.)		NaCl	200	Wiper Trip		14.0
RATE	60	RATE	60	BULK PRODUCTS		Sodium Sulphite	1	Wireline		8.5
LINER	5.0"	LINER	5.0"	FUEL ON SITE	34600 Litres			Other	3.5	29.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	2850 Litres			TOTALS	24.0	545.0
SCR: 700 @ 40		SCR: 950 @ 60		CUM. FUEL USED	94681 Litres			DAILY MUD COSTS		\$2,091.30
SURVEYS				BARITES ON SITE	125 kg			CUM. MUD COSTS		\$89,367.27
9.75° at 3198m				BARITES USED	175 kg			AFE COST - C&S		
				MUD MIXED	4102 Bbls			AFE COST - P&A		
				MUD LOSSES	3324 Bbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	2:30	Wait on Directional Drilling Equipment to steer to target
2:30	3:00	RIH F/-2981m T/-3230m (TD)
3:00	4:00	Circulate hole clean
4:00	10:00	Flow check, pump slug, POH to make up Dowell Schlumberger directional equipment.
10:00	10:30	Service mud motor and layout
10:30	11:00	Lubricate rig
11:00	12:00	Wait on Directional Drilling Equipment to steer to target
12:00	13:30	Prepare directional drilling equipment
13:30	14:30	M/U 6" milled tooth bit and direction assy. Set @ 1.5 deg. Function test mud motor.
14:30	19:30	RIH from surface to 2980m
19:30	20:30	Slip and cut drilling line
20:30	21:30	Flow check and RIH F/- 2980m T/- 3209m
21:30	22:30	Circ bottoms up.(3500units gas)
22:30	23:00	Work torque from string. Tight hole F/- 3209m T/-3200m Max overpull 300k
23:00	0:00	Tool faceOrientation Survey @ 3198m 10.3 deg N20W uncorrected

MAXIMUM GAS:	% @ m	BACKGROUND GAS:	%	CONNECTION GAS:	%	TRIP GAS:	3790%
SUPERVISOR:	Barry Beetson	GEOLOGIST:	Dave Horner	MUD CO:	RMN Drilling Fluids		