



DAILY DRILLING REPORT

14/10/2006

REPORT # 37

WELL	Glenaire 01 ST1	24:00 DEPTH	3182m	24 HR PROG	13m	CUM. COSTS	
RIG	Ensign # 32	FORMATION	Laira	PTD	3945m	DAILY COSTS	
OP's TO 06:00	Slide f/ 3169 > 3170m, drill f/ 3170 > 3182m rotating, circ. bot's up, POOH to 2729, slight flow, RIH, circ. & wt. up f/ 10.3 to 10.5ppg +, POOH, make up 6" PDC bit, RIH						
REMARKS / FORWARD PLAN:	Slight oil leak on drilling jars, require replacement >> Pres.op. @ 06:00hrs drlg ahead thru. 3192m, Rotating, RPM = 192, WOB = 6k, ROP = 40mph, Drill ahead					PERSONNEL ON SITE:	39
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1663psi
		BOP TEST	11/10/2006	TEST DUE	25/10		
AFD's: 77	SAFETY	1. Toolbox meeting 2.				WEATHER AM	Overcast
					PM	O/cast & showers	

BIT INFORMATION				BHA # 10		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(klb)	12-14	JET V(fps)	106	TOOL	LENGTH	Time	1100	BOP's / Wellhead		36.0
RPM	192	H S I	0.54	DSX516M-B1, RR4	0.19	Depth (m)	3182	Cementing		8.5
BIT NUMBER	RR4			Mud Motor	6.79	Temp (° C)	51	Circ & Condition	3.5	34.0
Size (in)	6.0			Float sub	0.52	Mud Type	KCL/PHPA/PO	Coring		
Make	Hyc			MWD NM pony collar	1.94	Density (ppg)	10.55	D/O Cement		12.5
Type	DSX516M			MWD collar	10.30	ECD (ppg)		Drilling	6.5	298.0
LADC Code	PDC			NMDC	9.30	Viscosity (sec)	36	FIT / LOT		4.0
Serial Number	114752			11xDC's	104.08	PV / YP (cp/lb)	10 / 5	Handle BHA		13.0
T.F.A.(")				Jars	9.34	Gells (s/m)	1 / 3	Repairs		67.5
Depth In (m)	3182			3xDCs	28.30	API Filt. (cc)	6	Rig Service		5.0
Depth Out (m)	IN			9xHWDP	85.50	Cake (/32")	1	Rig up Csg./ Cmt.		11.0
Total Meters						Solids (% Vol)	7.8	Run Casing		32.5
Hours						Sand (% Vol)	Tr	Safety		1.5
ROP						MBT	12	Slip/Cut Drill Line		5.5
Condition Out				BHA LENGTH (m)	256.26	pH (strip)	9.5	Survey		28.0
FLOW DATA				BHA WEIGHT(kLb)	33.0	Chlorides (mg/l)	159000	Test BOP		24.0
CIRC. RATE (gpm)	248			STRING WT (kLb)	168.8	KCL (%)	10	Tight hole / Fishing		
AV - DP (fpm)	256			HOOK LOAD (kLb)	185.0	PHPA (ppb)	0.83	Tripping	14.0	171.5
AV - DC (fpm)	453			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		24.5
SPP (psi)	3050			DRAG UP (kLb)	190.0	Circ. Vol. (Bbl)	770	Wash / Ream		2.5
SPP (calculated)				DRAG DOWN (kLb)	175.0	CHEMICAL USAGE		Well Control		1.0
PUMP #1		PUMP #2		TORQUE ON (Amps/Rel.)	5100			Well Test		
8-P-80		8-P-80		TORQUE OFF (Amps/Rel.)	3500			Wiper Trip		14.0
RATE	59	RATE	59	BULK PRODUCTS				Wireline		8.5
LINER	5.0"	LINER	5.0"	FUEL ON SITE	33350 Litres			Other		78.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	4500 Litres			TOTALS	24.0	881.0
				CUM. FUEL USED	143503 Litres			DAILY MUD COSTS		
SURVEYS				BARITES ON SITE	125 kg			CUM. MUD COSTS		
				BARITES USED	175 kg			AFE COST - C&S		
				MUD MIXED	4542 Bbls			AFE COST - P&A		
				MUD LOSSES	3606 Bbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	0:30	Slide f/ 3169m to 3170m
0:30	6:30	Drill f/ 3170m to 3182m. (ROP dropped off, have 4 deg. dev. @ bit) >>>> rotating 60rpm, flow 250gpm (132rpm), WOB =12 > 14
6:30	7:30	Circ. Bottoms up, back ground gas = 30 units
7:30	9:00	Pump slug, flow check, ok, POOH to shoe, flow check, slight flow, POOH another # 5 std's to 2729m, flow check, flow continued.
9:00	10:00	RIH to bottom @ 3182m
10:00	12:30	Circ. Bottoms up & wt. up f/ 10.3ppg to 10.5ppg + w/ salt (max gas from bot's up = 4154 units with slightly oil cut mud)
12:30	17:00	Pump slug, flow check, ok, POOH to shoe, flow check, slight flow, observe for 15 minutes, intermittent flow, cont. POOH flow check every 10 std's
17:00	19:30	Continue to POH, check motor and breakout bit
19:30	21:30	Layout motor, pick up new motor and make up 6" PDC bit, DSX516M, w/ 5x15 jets
21:30	22:00	RIH to 57m, test MWD, 2x59spm, 890psi
22:00	0:00	RIH to 1057m, break circulation, flow check

MAXIMUM GAS:	330% @ 3179m	BACKGROUND GAS:	%	CONNECTION GAS:	%	TRIP GAS:	4154%
SUPERVISOR:	Brian Marriott	GEOLOGIST:	Dave Horner	MUD CO:	RMN Drilling Fluids		