



DAILY DRILLING REPORT

15/10/2006

REPORT # 38

WELL	Glenaire 01 ST1	24:00 DEPTH	3207m	24 HR PROG	25m	CUM. COSTS	
RIG	Ensign # 32	FORMATION	Laira	PTD	3945m	DAILY COSTS	
OP's TO 06:00	Drill f/3182m to 3207m, well kicked, wt. up to 10.8ppg+ while circ. out influx, open annular, well static, attempt to circ, no go, POOH, string blocked w/ salt f/ HWDP, clear same, p.u. bit, RIH to shoe, slip & cut, Circ.						
REMARKS / FORWARD PLAN:	Jars still leaking >>> Rig service while circ. bot's up @ shoe, 2491 units gas. Pres. Op. RIH f/ shoe to 3207m, circ. bot's up, drill ahead f/ 3207 to 3450m, POOH, lay out MWD					PERSONNEL ON SITE:	39
LAST CASING	7 "	SET AT	2998m	LOT	13.8ppg	MAASP	1510psi
		BOP TEST	11/10/2006	TEST DUE	25/10		
AFD's: 78	SAFETY	1. Safety meeting 2.				WEATHER AM	Fine
					PM	Fine / O/cast	

BIT INFORMATION				BHA # 10		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	4-5	JET V(fps)	106	TOOL	LENGTH	Time	1200	BOP's / Wellhead		36.0
RPM	192	H S I	0.56	DSX516M-B1, RR4	0.19	Depth (m)	3207	Cementing		8.5
BIT NUMBER	RR4			Mud Motor	6.79	Temp (° C)	50	Circ & Condition	1.0	35.0
Size (in)	6.0			Float sub	0.52	Mud Type	KCL/PHPA/POI	Coring		
Make	Hyc			MWD NM pony collar	1.94	Density (ppg)	10.85	D/O Cement		12.5
Type	DSX516M			MWD collar	10.30	ECD (ppg)		Drilling	1.0	299.0
IADC Code	PDC			NMDC	9.30	Viscosity (sec)	37	FIT / LOT		4.0
Serial Number	114752			11xDC's	104.08	PV / YP (cp/lb)	8 / 4	Handle BHA		13.0
T.F.A.(")	0.752			Jars	9.34	Gells (s/m)	1 / 2	Repairs		67.5
Depth In (m)	3182			3xDCs	28.30	API Filt. (cc)	4.8	Rig Service		5.0
Depth Out (m)				9xHWDP	85.50	Cake (/32")	1	Rig up Csg./ Cmt.		11.0
Total Meters						Solids (% Vol)	8.3	Run Casing		32.5
Hours						Sand (% Vol)	Tr	Safety		1.5
ROP						MBT	13	Slip/Cut Drill Line	0.5	6.0
Condition Out				BHA LENGTH (m)	256.26	pH (strip)	9	Survey		28.0
FLOW DATA				BHA WEIGHT(kLb)	32.8	Chlorides (mg/l)	183000	Test BOP		24.0
CIRC. RATE (gpm)	248			STRING WT (kLb)	169.1	KCL (%)	9.5	Tight hole / Fishing		
AV - DP (fpm)	256			HOOK LOAD (kLb)		PHPA (ppb)	0.83	Tripping	14.5	186.0
AV - DC (fpm)	453			WT BELOW JARS (kLb)		ALC - 50 (K)		Wait on Cement		24.5
SPP (psi)				DRAG UP (kLb)		Circ. Vol. (Bbl)	692	Wash / Ream	0.5	3.0
SPP (calculated)				DRAG DOWN (kLb)		CHEMICAL USAGE		Well Control	2.5	3.5
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)		Barite	103	Well Test		
8-P-80	8-P-80			TORQUE OFF (Amps/Rel.)		NaCl	978	Wiper Trip		14.0
RATE	59	RATE	59	BULK PRODUCTS				Wireline		8.5
LINER	5.0"	LINER	5.0"	FUEL ON SITE				Other	4.0	82.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE				TOTALS	24.0	905.0
				CUM. FUEL USED	176853 Litres			DAILY MUD COSTS		\$9,304.30
				BARITES ON SITE	125 kg			CUM. MUD COSTS		\$120,282.86
				BARITES USED	175 kg			AFE COST - C&S		
				MUD MIXED	4542 Bbls			AFE COST - P&A		
				MUD LOSSES	3804 Bbls			AFE COST - C&C		

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	1:30	Cont. RIH f/ 1057m to 1948m
1:30	2:00	Break circ., flow check, slight flow, 1/2bbl gain, mud airted
2:00	3:30	Cont. RIH to shoe @ 2998m
3:30	4:00	Break circ. & circ. bottoms up, 600 units of gas, monitor well
4:00	4:30	Slip drilling line
4:30	5:00	Cont. RIH to 3154m, break circ., take SCR's
5:00	5:30	Wash last stand to bottom @ 3182m, take check survey
5:30	6:30	Drill f/ 3182m to 3207m, rotating 60rpm, 250gpm (133rpm), (total 193rpm), WOB = 5 > 7 (bottoms up f/ 3182m = 3445 units)
6:30	7:00	At 3207m, gas peaked @ 4345units, stop drilling, circ. out, oil cut mud over shakers, gas leveled out @ 4000 units
7:00	8:00	Circ. & wt. up mud f/ 10.6ppg, gained 28bbls (Geo. estimates oil / gas came f/ aprox 3192m)(note: 60bbls gained f/ salt added to sys.)
8:00	9:00	Shut in well @ 08:00hrs, circ. out bot's up thru. choke, gained = 26bbls, cont. wt. up to 10.8ppg, (gas = 90 units)(salt saturated mud)
9:00	10:00	Open annular, well static, attempt to circ. long way, can't circ., check Top Drive IBOP valves, ok, brk. off stand, circ., ok, attempt to circ.
10:00	10:30	Attempt to clear blocked string, no success, flow check, ok
10:30	11:00	POOH to shoe, hole slick, flow check, ok
11:00	11:30	Attempt to clear blocked string, no success, flow check, ok
11:30	16:30	POOH to clear obstruction in drill string, flow check every 10 std's., found salt packed off from 2nd. stand of HWDP
16:30	17:30	Break off stands of HWDP & DC's & clear salt f/ same, check & clear salt f/ MWD, check rotation on motor, no go, lay out motor
17:30	18:30	Close blind rams, line up pumps on water & flush out choke manifold & poor boy, transfer mud in tanks, check same, clear rig floor
18:30	21:30	Pick up (Beach) Transco P100XL mud mtr., make up bit, orientate & calibrate mtr. Test MWD tools & fault find,
21:30	0:00	RIH BHA and drift same, drift lodged in DC - flushed thru. break circ @ top hwdp 256m circulate clear. Cont. RIH to 977, brk. Circ.

MAXIMUM GAS:	4560% @ 3193m	BACKGROUND GAS:	%	CONNECTION GAS:	%	TRIP GAS:	3445%
SUPERVISOR:	Brian Marriott		GEOLOGIST:	Dave Horner		MUD CO:	RMN Drilling Fluids