



DAILY DRILLING REPORT

17/09/2006

REPORT # 10

WELL	Glenaire 01	24:00 DEPTH	1778m	24 HR PROG	523m	CUM. COSTS	
RIG	Ensign # 32	FORMATION	Eumeralla	PTD	3945m	DAILY COSTS	
OP's TO 06:00	Drill ahead f/ 1255m to 1374m, rig service, survey, drill ahead f/ 1374m taking surveys as required						
REMARKS / FORWARD PLAN:	Drill ahead, taking survey as required, drill to 2150m + -, wiper trip back to shoe					PERSONNEL ON SITE:	33
LAST CASING	9 5/8"	SET AT	1252m	LOT		MAASP	
		BOP TEST	16/09/2006	TEST DUE	30/09		
AFD's: 50	SAFETY	1. 2. Safety meeting				WEATHER AM	sunny
						PM	sunny

BIT INFORMATION				BHA # 3		MUD PROPERTIES		OPERATION		HRS	CUM
WOB(kLb)	3-6	JET V(fps)	264	TOOL	LENGTH	Time	2125	BOP's / Wellhead			22.5
RPM	200	H S I	2.69	8.5 Bit	0.23	Depth (m)	1730	Cementing			5.5
BIT NUMBER	3			NBS	1.26	Temp (° C)	46	Circ & Condition		1.0	9.0
Size (in)	8.5			Mud Motor	9.58	Mud Type	KCI/PHPA/POL	Coring			
Make	Hyc			Stab	1.14	Density (ppg)	9.25	D/O Cement			9.5
Type	DSX519M			NMDC	8.33	ECD (ppg)	9.49	Drilling		20.5	85.5
IADC Code	PDC			Stab	1.14	Viscosity (sec)	45	FIT / LOT		0.5	1.0
Serial Number	211741			15x6.5" dc's	112.15	PV / YP (cp/lb)	10 / 14	Handle BHA			1.0
T.F.A.(°)	0.552			Drilling Jars	9.74	Gells (s/m)	3 / 12	Repairs			6.5
Depth In (m)	1255			3x6.25 dc's	27.31	API Filt. (cc)	9	Rig Service		0.5	2.0
Depth Out (m)	IN			12xHWDP	114.65	Cake (/32")	1	Rig up Csg./ Cmt.			7.0
Total Meters	523					Solids (% Vol)	4	Run Casing			19.0
Hours	20.5					Sand (% Vol)	0.25	Safety			1.0
ROP	25.5					MBT	15	Slip/Cut Drill Line			1.5
Condition Out				BHA LENGTH (m)	285.53	pH (strip)	10.5	Survey		1.5	6.5
FLOW DATA				BHA WEIGHT(kLb)	51.5	Chlorides (mg/l)	22000	Test BOP			8.5
CIRC. RATE (gpm)	454			STRING WT (kLb)	60.9	KCL (%)	5.6	Tight hole / Fishing			
AV - DP (fpm)	214			HOOK LOAD (kLb)	158.0	PHPA (ppb)	0.9	Tripping			20.0
AV - DC (fpm)	371			WT BELOW JARS (kLb)	31.9	ALC - 50 (K)		Wait on Cement			5.0
SPP (psi)	1490			DRAG UP (kLb)	160.0	Circ. Vol. (Bbl)	778	Wash / Ream			1.0
SPP (calculated)	1480			DRAG DOWN (kLb)	158.0	CHEMICAL USAGE		Well Control			1.0
PUMP #1	PUMP #2			TORQUE ON (Amps/Rel.)	4500	AMC Pac- LV	11	Well Test			
8-P-80	8-P-80			TORQUE OFF (Amps/Rel.)	1230	Biocide G	2	Wiper Trip			8.0
RATE	108	RATE	108	BULK PRODUCTS		Caustic Soda	1	Wireline			
LINER	5.0"	LINER	5.0"	FUEL ON SITE	34000 Litres	PHPA	2	Other			12.0
STROKE	8.5"	STROKE	8.5"	DAILY USAGE	7250 Litres	Soda Ash	8	TOTALS		24.0	233.0
SCR: 180 @ 40	SCR: 240 @ 60			CUM. FUEL USED	40268 Litres	Sodium Sulphite	8	DAILY MUD COSTS			\$5,742.28
SURVEYS				BARITES ON SITE	-100 kg	Xanthan Gum	4	CUM. MUD COSTS			\$53,382.54
1.0° at 1362m	3.0° at 1767m			BARITES USED	100 kg	KCL	72	AFE COST - C&S			
0.75° at 1507m				MUD MIXED	3326 Bbbs	Xtra Sweep	1	AFE COST - P&A			
2.25° at 1652m				MUD LOSSES	2431 Bbbs			AFE COST - C&C			

HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	0:30	Drill 8-1/2" hole f/ 1255m to 1258m
0:30	1:30	Circ. Hole clean & condition mud
1:30	2:00	Pull inside shoe, conduct Leak Off test, 1000psi w/ 9.1ppg = EMW of 13.7ppg
2:00	7:00	Drill f/ 1258m to 1374m
7:00	7:30	Rig service
7:30	8:00	Circ. & survey @ 1362m, 1 deg., N70E AZI = 77
8:00	12:30	Drill f/ 1374m to 1518m
12:30	13:00	Circ. & survey @ 1507m, 3/4 deg., N65E, AZI = 72
13:00	17:00	Drill f/1518m to 1663m (2 x 108spm = 454gpm) > (454gpm x 0.288 = 131rpm @ bit) + (rotary = 75rpm) = (131rpm + 75rpm = 201rpm)
17:00	17:30	Circ. & survey @ 1652m, 2.25 deg., N25E, AZI = 32
17:30	0:00	Drill f/ 1663m to 1778m

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