



# DAILY DRILLING REPORT

12/09/2006

REPORT # 05

<b>WELL</b>	Glenaire 01	<b>24:00 DEPTH</b>	883m	<b>24 HR PROG</b>	573m	<b>CUM. COSTS</b>	\$39,918
<b>RIG</b>	Ensign # 32	<b>FORMATION</b>	Eumeralla	<b>PTD</b>	3945m	<b>DAILY COSTS</b>	\$17,397.03
<b>OP's TO 06:00</b>	Drill ahead 12-1/4" hole f/ 310m to 883m, taking surveys as required, wiper to 13-3/8" shoe						
<b>REMARKS / FORWARD PLAN:</b>	06:00 hrs on 13th = Drlg. Thru. 988m >> Forward plan = Drill ahead to 9-5/8" csg. point @ 1255m, circ. bot's up, wiper to 883m, circ. bot's up, POOH to run 9-5/8" csg.					<b>PERSONNEL ON SITE:</b>	<b>31</b>
<b>LAST CASING</b>	13 3/8"	<b>SET AT</b>	304.0m	<b>LOT</b>		<b>MAASP</b>	
		<b>BOP TEST</b>	10/09/2006	<b>TEST DUE</b>	24/09		
<b>AFD's: 45</b>	<b>SAFETY</b>	1. _____ 2. _____				<b>WEATHER AM</b>	sunny
						<b>PM</b>	sunny

BIT INFORMATION				BHA # 2		MUD PROPERTIES		OPERATION	HRS	CUM
WOB(kLb)	6-20	JET V(fps)	334	TOOL	LENGTH	Time	2200	BOP's / Wellhead		9.0
RPM	130	H S I	2.86			Depth (m)	884	Cementing		3.0
BIT NUMBER	2			12.25	0.32	Temp (° C)	39	Circ & Condition	0.5	4.0
Size (in)	12.25			1 x 8" dc	8.41	Mud Type	KCI/PHPA/POL	Coring		
Make	Smith			12-1/4" stab	1.35	Density (ppg)	9.20	D/O Cement		7.0
Type	XRCPS			1 x 8" dc	8.79	ECD (ppg)	9.26	Drilling	18.5	44.0
IADC Code	115			12-1/4" stab	1.36	Viscosity (sec)	38	FIT / LOT		0.5
Serial Number	MY0188			3 x 8" dc's	27.95	PV / YP (cp/lb)	7 / 9	Handle BHA		
T.F.A.(")	0.601			X-O w/ crows foot	0.65	Gells (s/m)	2 / 4	Repairs	1.5	2.5
Depth In (m)	307			1 x 6-1/2" NMDC	9.33	API Filt. (cc)	9.4	Rig Service		0.5
Depth Out (m)	IN			10 x 6-1/2" dc's	93.32	Cake (/32")	1	Rig up Csg./ Cmt.		3.0
Total Meters	576			Drilling Jars	9.74	Solids (% Vol)	4	Run Casing		8.5
Hours	19			1 x 6-1/2" dc	9.43	Sand (% Vol)	1.75	Safety		1.0
ROP	30.3			12 x 4-1/2" HWDP	114.65	MBT	9	Slip/Cut Drill Line		
Condition Out				<b>BHA LENGTH (m)</b>	286.19	pH (strip)	9.5	Survey	2.0	3.5
<b>FLOW DATA</b>				<b>BHA WEIGHT(kLb)</b>	63.0	Chlorides (mg/l)	26000	Test BOP		3.5
CIRC. RATE (gpm)	627			<b>STRING WT (kLb)</b>	66.8	KCL (%)	5.7	Tight hole / Fishing		
AV - DP (fpm)	118			<b>HOOK LOAD (kLb)</b>	117.0	PHPA (ppb)	1	Tripping		6.0
AV - DC (fpm)	179			<b>WT BELOW JARS (kLb)</b>	47.4	ALC - 50 (K)		Wait on Cement		5.0
SPP (psi)	1650			<b>DRAG UP (kLb)</b>	120.0	Circ. Vol. (Bbl)	807	Wash / Ream		
SPP (calculated)	1420			<b>DRAG DOWN (kLb)</b>	117.0	<b>CHEMICAL USAGE</b>		Well Control		0.5
<b>PUMP #1</b>		<b>PUMP #2</b>		<b>TORQUE ON (Amps/Rel.)</b>	4200	AMC Pac- LV	14	Well Test		
<b>8-P-80</b>		<b>8-P-80</b>		<b>TORQUE OFF (Amps/Rel.)</b>	1500	Barite	32	Wiper Trip	1.5	5.0
RATE	110	RATE	110	<b>BULK PRODUCTS</b>		Biocide G	4	Wireline		
LINER	6.0"	LINER	6.0"	FUEL ON SITE	28750 Litres	Caustic Soda	3	Other		6.5
STROKE	8.0"	STROKE	8.0"	DAILY USAGE	4550 Litres	Defoamer	1	<b>TOTALS</b>		113.0
SCR: 160 @ 50		SCR: 280 @ 80		CUM. FUEL USED	18950 Litres	Kwikseal M	20	<b>DAILY MUD COSTS</b>		\$17,397.03
<b>SURVEYS</b>				BARITES ON SITE	-75 kg	PHPA	14	<b>CUM. MUD COSTS</b>		<b>\$39,917.78</b>
1.25° at 400m		0.25° at 834m		BARITES USED	75 kg	Sodium Sulphite	6	<b>APE COST - C&amp;S</b>		
0.75° at 544m				MUD MIXED	2800 Bbls	Xanthan Gum	15	<b>APE COST - P&amp;A</b>		
0.5° at 690m				MUD LOSSES	2024 Bbls	KCL	276	<b>APE COST - C&amp;C</b>		

### HOURLY OPERATIONS SUMMARY 0000 to 2400

From	To	Description
0:00	5:30	Take SCR's, Drill 12-1/4" hole f/ 310m to 450m ( slight seepage losses @ 380m, 10bbls/hr, add LCM, ok )
5:30	6:00	Circ. & survey @ 400m, 1-1/4 deg., N21W, AZI = 346
6:00	7:00	Drill f/ 450m to 495m
7:00	7:30	TDS failed, lost High / Low RPM, fault find, 20amp fuse blown in 24volt drillers panel, replace fuse ( Work pipe during repairs )
7:30	11:00	Drill f/ 495m to 594m, ream each stand twice due to last survey
11:00	11:30	Circ. & survey @ 544m, 3/4 deg., N20E, AZI = 27
11:30	12:30	TDS failed, fault find same, ESM vaults low, unable to start engine, change fuses, all ok ( Work pipe during repairs )
12:30	17:00	Drill f/ 594m to 739m
17:00	17:30	Circ. & survey @ 690met., 1/2 deg., S60W, AZI = 247
17:30	21:30	Drill f/ 739m to 883m
21:30	22:00	Sweep Hi Vis & Circ. Bottoms up
22:00	22:30	Survey @ 834m, 1/4 deg., N60W, AZI = 307
22:30	0:00	Pump slug, flow check, Wiper trip, tight hole f/ 854m to 835m, max over pull = 25k, re-wipe section

<b>MAXIMUM GAS:</b>	% @ m	<b>BACKGROUND GAS:</b>	%	<b>CONNECTION GAS:</b>	%	<b>TRIP GAS:</b>	%
<b>SUPERVISOR:</b>	Brian Marriott		<b>GEOLOGIST:</b>	David Horner		<b>MUD CO:</b>	RMN Drilling Fluids