

DAILY GEOLOGICAL REPORT

DGR 03

Date:	31 July 2006	Licence / State:	P39 (V) / VIC
Report Period:	06:00 - 06:00 Hours	Rig:	Ensign 32
Days from Spud:	2	GL:	2.7m
Current Hole Size:	17.5"	RT:	8.6m
Depth @ 0600 Hrs:	320m MDRT	PTD:	2281m MDRT (-1338mSS)
	-306m TVDSS	Spud Date:	04:30 hrs 29/07/06
24 Hr Progress:	0m		
Current Operation:	Waiting on cement having run and set 28 joints of 13.375" casing with shoe @ 317m.		
Nope Cost	(Drill)\$	(C&S)\$	Cost To Date:
		(P&A)\$	

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
(Conductor)		100m	20"			60m	
	17.5"	320m	13.375"	54.5	J55 BTC	317m	EMW= ppg
	12.25"		9.625"	47.0	N80 BTC		

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl%:	Cl -:	PV/YP:	Rmf:
	KCL	9.1	68	8.5	9.5	1.0	7000	15 / 34	-

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition
	1	Reed	Rock T11C	17.5"	0.45	20	0-0-NO-A-O-I-RR-BHA
	1RR	Reed	Rock T11C	17.5"	2.95	200	1-1-NO-A-O-I-RR-TD

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
	MWD	261.6	16.6	112.2	260.3	14.4	115.5
	MWD	276.5	19.1	117.1	274.5	19.0	115.4
	MWD	291.3	21.7	120.0	288.4	24.1	116.1
	MWD	303.7	23.2	118.7	299.9	28.9	116.6

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary:

Circulate hole clean prior to conducting wiper trip to conductor shoe. Pull out of hole to conductor shoe (hole in good condition), run in hole to bottom, circulate hole clean. Pull out of hole & layout MWD equipment. Hold safety meeting and rig up to run casing. Run in hole with 28 joints of 13.375" casing (54.5 ppg J55 BTC). Circulate casing volume. Rig up Halliburton cementing equipment and surface lines. Pressure test to 4000 psi. Cement casing as per program with 161 bbls of 12.5 ppg Lead slurry and 90 bbls of 15.8 ppg Tail slurry. Displace with 158 bbls of water. Bump plug with 300 psi. Wait on cement from 04:00 hrs.

Anticipated operations:

Wait on cement for total 4 hours till 08:00hrs. Back out landing joint & rig down riser. Nipple up and pressure test BOPS and surface equipment. Make up 12.25" directional BHA, run in hole, tag cement. Drill cement, shoe track and 3m formation. Perform LOT. Drill 12.25" directional hole to ~625m building angle to ~70°.

FORMATION TOPS (Preliminary Field picks)

FORMATION	ACTUAL TOP		High / Low to	High / Low to	PROGNOSED TOP	
	(MDmRT)	(TVDmSS)	Prognosis	East Reeve-1	(MDmRT)	(TVDmSS)
Jemmy's Point	5.9	2.7	-	-	6	3
Tambo River (Coquina)	143.0	-134.4	30.6m High	30.8m High	180	-165
Gippsland Limestone	235.0	-225.9	5.9m Low	0.2m High	230	-220
Lakes Entrance Formation					1816	-919
Latrobe Coarse Clastics					2098	-1155
Latrobe N. Asperus (Coal)					2163	-1220
Total Depth					2281	-1338

HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS

GAS	MD (m)	Peak	Background	Chromatograph
Trip Gas	-	-	-	-
Connection Gas	-	-	-	-

INTERVAL ROP (min/ft)	LITHOLOGY	GAS (Peak / BG) Composition