

DAILY GEOLOGICAL REPORT

DGR 12

Date:	09 August 2006	Licence / State:	P39 (V) / VIC
Report Period:	06:00 - 06:00 Hours	Rig:	Ensign 32
Days from Spud:	11	GL:	2.7m
Current Hole Size:	12.25"	RT:	8.6m
Depth @ 0600 Hrs:	1606m MDRT	PTD:	2281m MDRT (-1338mSS)
	-822m TVDSS	Spud Date:	04:30 hrs 29/07/06
24 Hr Progress:	0m		
Current Operation:	Dressing 9.625" casing stub prior to installing casing spool and nipping up BOPs.		
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= 20.0 ppg
	12.25"	1606m	9.625"	47.0	N80 BTC	1602m	EMW= ppg

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl%:	Cl -:	PV/YP:	Rmf:
	KCL	9.6	62	5.3	9.0	6.0	34000	20 / 34	-

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition
(@ 24:00)	1	Reed	TCI T11C	17.5"	0.45	20	0-0-NO-A-O-I-RR-BHA
	2RR1	Reed	TCI T11C	17.5"	2.95	200	1-1-NO-A-0-I-RR-TD
	3	Reed	TCI T11	12.25"	9.6	316	0-0-NO-x-0-I-x-BHA
	4	Hycalog	PDC RSX516S	12.25"	21.75	971	1-1-ER-A-X-1-NO-TD
	5	Hughes	TCI HP11GJ	12.25"	-	-	Clean-out trip

Surveys	Type	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)
	MWD	1551.4	70.95	118.07	812.72	1122.61	119.02
	MWD	1580.2	71.07	117.93	822.10	1149.85	118.99
	MWD	1596.1	71.07	117.39	827.25	1164.87	118.97
Projected	MWD	1606.0	71.07	117.05	830.47	1174.23	118.96

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary:

Rig to and run 9.625" casing to bottom with no hole problems. Fill up casing string. Rig up Halliburton cementing lines and pressure test to 2500 psi. Circulate 2 x casing volume. Cement casing as per program (301 bbls of 12.5 ppg lead slurry; 27.1 bbls of 15.6 ppg tail slurry). Drop bottom plug and displace with Halliburton pump and bump plug with 500 psi. Test casing to 1500 psi for 10mins. Layout cementing head and lines. Nipple down BOP. Rough cut and dress casing.

Anticipated operations:

Install casing spool. Nipple up and pressure test BOP. Make up 8.5" drill-out BHA, drill cement & shoe track, 3m formation, LOT, POH. Make up 8.5" directional BHA, run in hole and drill ahead 8.5" directional hole as per plan.

FORMATION TOPS (Preliminary Field picks)

FORMATION	ACTUAL TOP		High/Low	High/Low	PROGNOSSED TOP	
	(MDmRT)	(TVDmSS)	To Prognosis	To 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					1876 **	-960 **
Latrobe Coarse Clastics					2098	-1155
Latrobe N. asperus (Coal)					2163	-1220
Total Depth					2281	-1338

** Revised Prognosis

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