

# HENRY 2DW1 ST1

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### DAILY GEOLOGICAL REPORT

**DGR 03** 

Date:	05 October 2008	Licence / State:	VIC/P44
Report Period:	06:00 – 06:00 Hours EST	Rig:	OCEAN PATRIOT
Days From Spud:	02	RT - SEAFLOOR:	87.8m
Current Hole Size:	311mm (12¼")	WATER DEPTH	67.0m MSL
	· · · · ·	RT:	20.8m MSL
Depth @ 06:00 Hrs EST:	1050m MDRT	PTD:	~2600m MDRT
•	1045.7m TVDRT	Sidetrack from	03:00 hrs on 3 <sup>rd</sup>
	-1024.9m SS MSL	Henry 2:	October,2008
24 Hr Progress: 06:00 – 06:00 EST	0m	•	
Current Operation:	Milling obstruction in casing s	wedge.	
Nope Cost (Drill)\$	(C&S)\$ 37.4 million		Cost To Date:
	(P&A)\$		
Casing Data Hole Size	Depth Casing Size W	t: Type Sho	e Depth I OT

Casing Data	Hole Size	Depth	Casing Size	Wt:	Туре	Shoe Depth	LOT
	914 mm	131.7m	762mm (30")	461 kg/m	Conductor	131.7m	n/a
	(36")			(310 lb/ft)			
	445mm	657m	340mm	101 kg/m	L80 BTC	652m	2.21sg (18.4ppg)
	(17.5")		(13.375mm)	(68 lb/ft)			
	311mm						
	(12.25")						

22:30hrs KGlycol 10.4 102 3.5 9.2 10.5 63K 26/40 -	Mud Data	Туре:	Wt:	Visc:	WL:	PH:	KCI:	CI -:	PV/YP:	Rmf:
	22:30hrs	KGlycol	10.4	102		4.2	10.5	63K	26 / 40	-

Bit Data	No.	Make	Туре		Size	Hours	Meters	Condition
Current								
Previous	1	Reed	Mill	C11T	311mm	22.4	203	0-1-WT-G-E-1-NO-PR
					(12¼")			

Surveys	Туре	MD (m)	Inclination	Azimuth (T)	TVD (m)	Offset (m)	Direction (T)

### **OPERATIONS SUMMARY**

#### Previous 24 hrs Operations Summary at 06:00 hrs EST

Change out PDC bit for a mill tooth bit. Run in hole, unable to pass obstruction in casing swedge. Pull out of hole. Rack back LWD tools. Run in hole with bit and drill collars, unable to pass obstruction in casing swedge. Pull out of hole. Conduct rig maintenance while waiting on arrival of the work boat. Make up and run in hole with 311mm (12¼") mill assembly. Mill obstruction in casing swedge. Pull out of hole laying down mill assembly. Make up 311mm (12¼") PDC bit on drill collars and run in hole, unable to pass obstruction in casing swedge. Pull out of hole. Make up and run in hole with 311mm (12¼") mill assembly. Make up 311mm (12¼") PDC bit on drill collars and run in hole, unable to pass obstruction in casing swedge. Pull out of hole. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Make up and run in hole with 311mm (12¼") mill assembly. Mill obstruction in casing swedge.

#### Anticipated Operations:

Mill obstruction in casing swage. Make up 311mm (12<sup>1</sup>/<sub>4</sub>") directional assembly and run in hole. Drill ahead 311mm (12<sup>1</sup>/<sub>4</sub>") directional hole.



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	FORMATION TOPS					
FORMATION	ACTUAL TOP		High / Low	High / Low	PROGNOSED TOP	
	(mMDRT)	(mSS MSL)	Prognosis (m)	Henry 1	(MDmRT)	(mSS MSL)
SEA LEVEL	20.8	0.0			20.8	0.0
HEYTSBURY GP	87.8	-67.0	1.0 High	0.5 High	88.8	-68.0
MEPUNGA FM	720.0	-699.2	0.2 Low	56.1 High	720.0	-699.0
DILWYN FM/	848.0	-827.1	24.1 Low	24.4 High	824.0	-803.0
WANGERRIP GP						
				Henry 2		
PEMBER MUDSTONE					1092.2	-1066.1
PEBBLE POINT FM					1128.9	-1101.1
MASSACRE SHALE					1199.5	-1168.3
TIMBOON FM					1213.3	-1181.4
PAARATTE FM					1416.1	-1361.5
SKULL CREEK MDST					1669.1	-1543.2
K85 UNCONFORMITY					2071.6	-1693.7
WAARRE A					2071.6	-1693.7
TOTAL DEPTH						

## HYDROCARBON SHOW SUMMARY

INTERVAL	LITHOLOGY & HYDROCARBON FLUORESCENCE	GAS

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

## GEOLOGICAL SUMMARY

INTERVAL ROP (m/hr)	LITHOLOGY	GAS (Peak / BG) Composition

**REMARKS**: