Santos HENRY 2DW1 Page 1 of 2 DAILY GEOLOGICAL REPORT DGR 14

Date: 29 September 2008 Licence / State: VIC/P44

Report Period: 06:00 – 06:00 Hours EST **Rig:** OCEAN PATRIOT

Days From Spud: 14 RT - SEAFLOOR:

 Current Hole Size:
 311mm (12¼")
 WATER DEPTH RT:
 67.0m MSL 20.8m MSL

 Pepth @ 06:00 Hrs EST:
 2047m MDRT
 PTD:
 2626m MDRT

1716.0m TVDRT Sidetrack from 05:00 hrs on 16th -1695.2m SS MSL Henry 2: September,2008

87.8m

24 Hr Progress: 0m

06:00 - 06:00 EST

<u>Current Operation:</u> Making up casing cutting assembly.

Nope Cost (Drill)\$ (C&S)\$ 37.4 million Cost To Date:

(P&A)\$

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")		(13.375")	(68 lb/ft)			
	311mm	2047m	244mm -273mm	47 - 55.5	L-80 Vam		
	(12.25")		(9 5/8")-(10 3/4")	lb/ft			

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCI:	CI -:	PV/YP:	Rmf:
21:00hrs	KGlycol	10.0	77	4.2	8.5	10.0	56K	19 / 34	-

Bit Data	No.	Make	Туре		Size	Hours	Meters	Condition
Current								
Previous	2	Reed	PDC	RSX519M	311mm (12¼")	10.9	339	0-1-CT-S-X-I-BU-TD

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

Run wear bushing. Make up and run in hole with casing cutting tool. Cut 244mm (9 5/8") casing at 1300m and pull out of hole. Run in hole with casing spear and latch top of fish at 451m. Attempt to jar casing free unsuccessful. Pull out of hole with casing spear.

Anticipated Operations:

Run in hole and cut 244mm (9 5/8") casing at 1050m. Pull out of hole and change out cutting tool for casing spear. Run in hole, latch fish and pull out of hole with 244mm (9 5/8") casing. Run in hole with mule shoe and set cement kick off plug.

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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				-			
PEMBER MUDSTONE	1092.5	-1066.1	12.1 Low	31.4 High	1086.7	-1054.0	
PEBBLE POINT FM	1132.5	-1101.1	22.1 Low	21.8 High	1113.6	-1079.0	
MASSACRE SHALE	1207.0	-1168.3	33.3 Low	18.6 High	1173.9	-1135.0	
TIMBOON FM	1222.0	-1181.4	36.4 Low	17.2 High	1184.7	-1145.0	
PAARATTE FM	1443.0	-1361.5	28.5 Low	37.0 High	1389.4	-1333.0	
				Henry 2			
SKULL CREEK MDST	1681.0	-1541.5	1.7 High	1.7 High	1686.0	-1543.2	
K85 UNCONFORMITY	2041.0	-1694.3	0.6 Low	0.6 Low	2014.3	-1693.7	
WAARRE A	2041.0	-1694.3	0.6 Low	0.6 Low	2014.3	-1693.7	
TOTAL DEPTH	2047.0	-1695.2			2626.9	-1708.7	

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: