

DAILY GEOLOGICAL REPORT

DGR 21

Date:	15 th September 2008	Licence / State:	VIC/P44
Report Period:	06:00 – 06:00 Hours EST	Rig:	OCEAN PATRIOT
Days From Spud:	21	RT - SEAFLOOR:	87.8m
Current Hole Size:	311mm (12¼")	WATER DEPTH	67.0m MSL
		RT:	20.8m MSL
Depth @ 06:00 Hrs EST:	2042m MDRT	PTD:	2047m MDRT
	1757.4m TVDRT		
	-1736.6m SS MSL	Spud Date:	03:15 hrs 25 th August,08
24 Hr Progress:	0m		
06:00 – 06:00 EST			
Current Operation:	Time drilling attempting to sidetrack from the Henry 2 wellbore.		
Nope Cost (Drill)\$	(C&S)\$ 37.4 million	Cost To Date:	
	(P&A)\$		

Casing Data	Hole Size	Depth	Casing Size	Wt:	Type	Shoe Depth	LOT
	914 mm (36")	131.7m	762mm (30")	461 kg/m (310 lb/ft)	Conductor	131.7m	n/a
	445mm (17.5")	657m	340mm (13.375mm)	101 kg/m (68 lb/ft)	L80 BTC	652m	2.21sg (18.4ppg)
	311mm (12.25")	2042m					

Mud Data	Type:	Wt:	Visc:	WL:	PH:	KCl:	Cl -:	PV/YP:	Rmf:
	KGlycol	11.0	65	5.0	9.0	9.0	49k	27/33	

Bit Data	No.	Make	Type	Size	Hours	Meters	Condition	
Current	1	Smith	Mill	XR+	311mm (12¼")	1.0	1.0	In Hole
Previous								

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

OPERATIONS SUMMARY

Previous 24 hrs Operations Summary at 06:00 hrs EST

Pump cement Plug 1B: 1900 – 1750m. Pull out to 1750m. Circulate and dump cement contaminated mud. Pump cement Plug 2: 1750m – 1600m. Pull out to 1500m. Circulate dumping contaminated mud and until shakers clean. Pull out of hole. Make up the 311mm (12¼") directional drilling assembly and run in hole. Tag soft cement at 1611m. Drill 311mm (12¼") hole from 1611m – 1628m attempting to sidetrack the well. Time drill from 1628m to 1629m attempting to sidetrack the well. (90% cement / 10% Siltstone at 06:00hrs)

Anticipated Operations:

Sidetrack the well as Henry 2DW1.

FORMATION	FORMATION TOPS					
	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 / WANGERRIP GP	848.0	-827.1	24.1 Low	24.4 High	824.0	-803.0
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
SKULL CREEK MDST	1682.0	-1543.2	19.2 Low	97.8 High	1637.1	-1524.0
K85 UNCONFORMITY	1956.0	-1693.7m	35.7m Low	103.3 High	1885.8	-1658.0
WAARRE A	1956.0	-1693.7m	35.7m Low	103.3 High	1885.8	-1658.0
EUMERALLA FM	2002.0	-1716.8m	33.8m Low	114.7 High	1935.8	-1683.0
TOTAL DEPTH	2042.0	-1736.6m			1977.0	-1703.6

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
1611 – 1628m	Soft cement	
1628 – 1629m Time drill	90% Cement 10% Siltstone	3 U 100/-

REMARKS:

LWD Sensor Offsets from the Bit:

GR: 11.54m
Resistivity: 11.49m
D & I: 19.44m