

**DAILY GEOLOGICAL REPORT**

<b>Date:</b>	24 July 2009	<b>Rig:</b>	Ocean Patriot
<b>Report Number:</b>	1	<b>Bit Diameter:</b>	406 mm
<b>Report Period:</b>	00:00 - 24:00 Hours	<b>Last Casing:</b>	508 mm
<b>Spud Date:</b>	22-Jul-2009 03:00 Hours	<b>Integrity Test:</b>	N/A
<b>Days From Spud:</b>	2.9	<b>Mud Weight:</b>	
<b>Depth @ 2400 Hrs:</b>	1061.7 m MDRT	<b>ECD:</b>	
	983.8 m TVDRT	<b>Mud Type:</b>	
	962.3 m TVDMSL	<b>Mud Chlorides:</b>	
<b>Lag Depth:</b>	1061.7 m MDRT	<b>Est. Pore Pressure:</b>	
<b>Last Depth:</b>	934.0 m MDRT	<b>DXC:</b>	
<b>Progress:</b>	127.7 m	<b>Last Survey:</b>	1032.80 m MDRT
<b>Water Depth:</b>	154.2 m	<b>Deviation:</b>	Inc. 36.51°
<b>RT:</b>	21.5 m		Az. 151.41°

**OPERATIONS SUMMARY**

**24 HOUR SUMMARY:** Drilled 406mm (16") hole from 934 to 1061mMDRT. Circulated hole clean and displaced hole to 1.14 sg mud. Pulled out of hole and laid down BHA. Rigged up and ran 340mm (13-3/8") casing to 872.0mMDRT.

**NEXT 24 HOURS:** Run and cement 340mm (13-3/8") casing. Layout casing running tools. Pick up and run BOP on marine riser.

**CURRENT OPERATION @ 06:00 HRS (25-Jul-2009):** Circulating casing prior to pumping cement.

**GEOLOGICAL SUMMARY****SAMPLE QUALITY**

No samples, returns to the seabed.

**MUDLOGGING EQUIPMENT / PERSONNEL**

2 Data Engineers, 1 Muglogger, 1 Sample Catcher on board

**MWD**

Data missing from 406.0 to 455.0 mMDRT due to computer shut down. This section was not re-acquired.

2 Directional Drillers, 3 LWD Engineers on board.

**SURVEY DATA**

MD (m)	Inc (°)	Azi (°)	TVD (m)	TVDSS (m)	V.Sec (m)	Dogleg (°/30m)	E/W (m)	N/S (m)
0.0	0.00	150.85	0.0	-21.5	0.00	0.00	0.00	0.00
30.0	0.00	150.85	30.0	8.5	0.00	0.00	0.00	0.00
60.0	0.00	150.85	60.0	38.5	0.00	0.00	0.00	0.00
90.0	0.00	150.85	90.0	68.5	0.00	0.00	0.00	0.00
120.0	0.00	150.85	120.0	98.5	0.00	0.00	0.00	0.00
150.0	0.00	150.85	150.0	128.5	0.00	0.00	0.00	0.00
180.0	0.00	150.85	180.0	158.5	0.00	0.00	0.00	0.00
210.0	0.00	150.85	210.0	188.5	0.00	0.00	0.00	0.00
240.0	0.00	150.85	240.0	218.5	0.00	0.00	0.00	0.00
270.0	0.00	150.85	270.0	248.5	0.00	0.00	0.00	0.00
300.0	0.00	150.85	300.0	278.5	0.00	0.00	0.00	0.00
330.0	2.00	150.85	330.0	308.5	0.52	2.00	0.26	-0.46



360.0	4.00	150.85	360.0	338.5	2.09	2.00	1.02	-1.83
390.0	6.00	150.85	389.8	368.3	4.71	2.00	2.29	-4.11
420.0	8.00	150.85	419.6	398.1	8.36	2.00	4.07	-7.30
450.0	10.00	150.85	449.2	427.7	13.06	2.00	6.36	-11.40
480.0	12.00	150.85	478.7	457.2	18.78	2.00	9.15	-16.40
510.0	14.00	150.85	507.9	486.4	25.53	2.00	12.44	-22.30
540.0	16.00	150.85	536.9	515.4	33.29	2.00	16.22	-29.08
570.0	18.00	150.85	565.6	544.1	42.06	2.00	20.49	-36.74
600.0	20.00	150.85	593.9	572.4	51.83	2.00	25.25	-45.27
630.0	22.00	150.85	622.0	600.5	62.58	2.00	30.48	-54.65
660.0	24.00	150.85	649.6	628.1	74.30	2.00	36.19	-64.89
690.0	26.00	150.85	676.8	655.3	86.98	2.00	42.37	-75.96
720.0	28.00	150.85	703.5	682.0	100.60	2.00	49.00	-87.86
750.0	30.00	150.85	729.7	708.2	115.14	2.00	56.09	-100.56
780.0	32.00	150.85	755.4	733.9	130.59	2.00	63.61	-114.05
810.0	34.00	150.85	780.6	759.1	146.93	2.00	71.57	-128.32
840.0	36.00	150.85	805.2	783.7	164.14	2.00	79.95	-143.35
870.0	36.30	150.85	829.4	807.9	181.89	0.00	88.60	-158.85
900.0	36.30	150.85	853.5	832.0	199.65	0.00	97.25	-174.36
930.0	36.30	150.85	877.7	856.2	217.41	0.00	105.91	-189.87
960.0	36.30	150.85	901.9	880.4	235.18	0.00	114.56	-205.39
990.0	36.30	150.85	926.1	904.6	252.94	0.00	123.21	-220.90
1020.0	36.30	150.85	950.2	928.7	270.70	0.00	131.86	-236.41
1050.0	36.30	150.85	974.4	952.9	288.46	0.00	140.51	-251.92

**WELLSITE GEOLOGIST**

Shane Robbie