

DAILY GEOLOGICAL REPORT

Gilbert-1A

Report No. 7

Report Period: 00:00 – 24:00 hrs, 10th October 2005

			Wellsite Geologists: Geoff Geary / Rob Blackmore		
Rig	Ocean Patriot	WD (m)	51.3 m	Depth @ 00:00 hrs	810.0 m (TD) (788.5 m TVDSS)
Rig Type	Semi-Submersible	RT (m)	21.5 m	Depth Last Report (@ 00:00 hrs)	810.0 m (788.5 m TVDSS)
Spud	04/10/05 23:30 hrs	Last CSG (mRT)	340 mm (13 3/8") @ 331.0 mMDRT	24hr. Progress	0.0 m
Days from Spud	7	MW (SG)	1.06 sg	Last Survey	2.88 deg @ 798.19 mMDRT
Bit Size	311 mm (12 1/4")	Last FIT (SG)	1.44 sg EMW @ 341.8 mMDRT	Est.Pore Pressure	1.02 sg @ 810.0 m

Operations Summary

24hrs. Drilling Summary	Completed wiper trip and POOH to log. Downloaded LWD tools. Rigged up to run wireline logs. Commenced logging. Completed logging runs 1 & 2 and attempted 20 pressures with MDT (run 3) up to midnight. (See comments below.)		
Current Status @ 06:00hrs (11 th October 2005)	Logging MDT-GR. Completed pressure testing program (13 valid pressure tests from approximately 31 attempts). Commenced sampling program at 03:45 hrs. Sampling ongoing.		B-grd Gas % ave max N/A N/A
Lithological Summary 00:00-06:00 hrs	No further drilling.		
Expected Next Activity	Continue with MDT pressure and sampling program. Continue with logging program.		

Mud Data

@ 810.0 mRT

Mud Type	MW (sg)	Viscosity PVYP	API Fluid Loss (cc)	HTHP Fluid Loss (cc)	LGS %	Ph	Glycol (mg/l)
KCL/PHPA	1.06	16/26	7	-	2.4	8	-

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Provisional Formation Tops

Formation (Seismic Horizon)	Prognosed** (mRT)	Actual* (mRT)	Difference (High/Low) (m)	Based on
Sea bed (sf)	71.5	72.8	1.3 L	Seabed survey
Lakes Entrance Fm	425.5	436.0	10.5 L	Cuttings
Gumard Fm	616.5	622.0	5.5 L	LWD
Latrobe Coarse Siliciclastics	672.5	660.0	12.5 H	Cuttings
Strzelecki Group	795.5	672.0	123.5 H	Cuttings
Total Depth	910.5	810.0		TD

* Wellsite pick

Comments

WIRELINE LOGGING WITNESS / MUD RECORD

Well	Gilbert-1A		Suite	1	
Location	X = 620 701.1 mE Y = 5 798 512.1 mN		Witness	Geoff Geary Robert Blackmore	
Datum of Measured	: 21.5 m (RT-MSL)		Contractor	Schlumberger	
Elevation of Datum	: 51.3 m (Water Depth)		Engineers	Nader Sabanegh Kasian S. / Tim Hopper	
Driller's TD	810.0 mMDRT		Time Record		
Loggers TD	806.0 mMDRT		- Stop Drilling	20.10 on 09102005	
Bit Size	311 mm (12.25")		- Stop Circ. @ TD	03:15 on 10102005	
Last CSG Size	340 mm (13 3/8")		- Start R/U	07:25 on 10102005	
Last CSG ID	12.415"		- Start RIH	09:00 on 10102005	
Drillers CSG Shoe Depth	331 mMDRT		- Finish Final		
Loggers CSG Shoe	332.0 mMDRT		- Finish R/D		
Days Last CSG to TD	2		Hours Logging		
Open Hole Interval	474.0 m		Down Time		
Maximum Deviation	3.2deg @ 783.1 mMDRT		Lost Time		
Magnetic Deviation					

Circulating Mud (Active Pit)		Logging Pill (if used)	
Mud Type	KCL/PHPA	Mud Type	
Mud Density	1.06 sg	Mud Density (SG)	
Mud Viscosity (Funnel)	57 sec	Mud Viscosity	
Barite Content in Mud	<1% (only in mud slugs)	Barite Content in Mud	
pH	8.7	pH	
Fluid Loss	7.2 cc	Fluid Loss	
Salinity, ppm	33,000 ppm (chlorides)	Salinity, ppm	
Solid by Volume (%)	3%	Solid by Volume (%)	
Water by Volume (%)	3%	Water by Volume (%)	
Glycol by Volume (%)	-	Glycol by Volume (%)	
Average S. G. of Solids	2.6 sg	Average S. G. of Solids	

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Run #	1	2	3	4
<u>Logging Tool</u>	PEX(HALS)-DSI-LEHQT	CMR-HNGS	MDT-GR	MSCT-GR
<u>Date</u>	10102005	10102005	10102005	
<u>Start Rig Up</u>	07:25	12:15	17:30	
Time RIH Start	09:00	13:05	18:18	
Time on BTM	10:15	14:02	02:05 (11102005)	
Log Speed (ft/hr.)	1800	800	N/A	
Time on Surface	11:45	16:52	ONGOING	
Finish Rig Down	11:56	16:56		
Log Hours	4.5	4.5		
Logger's TD (m)	806.0 mMDRT	806.0 mMDRT		
Logger's CSG Shoe (m)	332.0 mMDRT	332.0 mMDRT		
Logged (m)	From	806 m	802m	
	To	70 m	580m	
	Interval	736 m	222m	
<u>Max. Temp. (°C) / Thermom. depth (mRT)</u>	43 C @ 775.0 mMDRT			
<u>Time Since Circ Stop</u>	7 hours	11.75 hours		

GILBERT-1A WIRELINE LOGGING DIARY

Rmf = 0.111 @ 21C
 Rm = 0.126 @ 30C
 Rmc = 0.139 @ 19C

Engineers: Nader Sabanegh, Kasian S, Tim Hopper
 Witnesses: Geoff Geary, Rob Blackmore

SUITE 1

RUN 1 PEX(HALS)-DSI-LEHQT

7:25 AM 10/10/2005 JSA on rig floor
 7:38 AM 10/10/2005 Complete JSA and start to rig up sheaves.
 8:19 AM 10/10/2005 Power up tools.
 8:44 AM 10/10/2005 Compensate at 45m
 9:00 AM 10/10/2005 RIH
 9:08 AM 10/10/2005 start logging down from below shoe
 9:38 AM 10/10/2005 stop logging down at 800m
 9:39 AM 10/10/2005 record up repeat section from 800m in hi-res mode to get full coverage from 690m
 10:01 AM 10/10/2005 complete repeat section up to 610m
 10:03 AM 10/10/2005 close caliper and drop to TD
 10:07 AM 10/10/2005 added 0.5m to account for stretch..etc
 10:12 AM 10/10/2005 tag td and open caliper
 10:15 AM 10/10/2005 record main pass from td (806m)
 11:09 AM 10/10/2005 log into casing shoe (332m)
 11:13 AM 10/10/2005 continue logging GR-DSI in casing
 11:34 AM 10/10/2005 tools coming thru BOP
 11:42 AM 10/10/2005 tools at surface
 11:47 AM 10/10/2005 unload sources

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11:56 AM 10/10/2005 rig down tools

RUN 2 CMR-GR

12:15PM 10/10/2005 rig up tools
1:00PM 10/10/2005 power up tools
1:04 PM 10/10/2005 Compensate at 49.5 + 1.5m
1:05PM 10/10/2005 RIH
2:05PM 10/10/2005 Tune log @ 709m
2:08PM 10/10/2005 Tune log @ 720m
2:18 PM 10/10/2005 RIH to 802m
2:20 PM 10/10/2005 start logging main pass
3:19 PM 10/10/2005 finish main pass at 580m
3:20 PM 10/10/2005 run to 690m for repeat section
3:24 PM 10/10/2005 tune at 620m
3:29 PM 10/10/2005 run to 705m
3:33 PM 10/10/2005 start logging repeat section
4:03 PM 10/10/2005 compleat repeat section at 619m
4:04 PM 10/10/2005 come out of hole
4:44 PM 10/10/2005 tools coming through BOP's
4:52 PM 10/10/2005 tools at surface
4:56 PM 10/10/2005 rig down tools

RUN 3 MDT-GR

5:30 PM 10/10/2005 rig up MDT
5:54 PM 10/10/2005 check tools.
6:07 PM 10/10/2005 set probe and test tool
6:18 PM 10/10/2005 RIH
6:30 PM 10/10/2005 equalize temperature
7:02 PM 10/10/2005 RIH to correlate at 710m
7:24 PM 10/10/2005 correlate -.5m
7:24 PM 10/10/2005 re-correlate
7:30 PM 10/10/2005 run up to MDT point # 1 @ 633.8m
7:40 PM 10/10/2005 MDT-1 @ 633.8m Test
7:56 PM 10/10/2005 MDT-2 @ 634.9m Test
8:10 PM 10/10/2005 MDT-3 @ 636.6m Test
8:40 PM 10/10/2005 MDT-4 @ 637.6m Test
8:51 PM 10/10/2005 MDT-5 @ 628.0m No seal
8:58 PM 10/10/2005 MDT-6 @ 627.8m Test (supercharged?)
9:14 PM 10/10/2005 MDT-7 @ 638.6m Test
9:46 PM 10/10/2005 MDT-8 @ 641.4m Test
10:00 PM 10/10/2005 MDT-9 @ 642.6m Test
10:15 PM 10/10/2005 MDT-10 @ 643.6m Test
10:32 PM 10/10/2005 MDT-11 @ 647.7m Test
10:52 PM 10/10/2005 MDT-12 @ 648.5m Test
11:08 PM 10/10/2005 MDT-13 @ 651.3m Tight
11:15 PM 10/10/2005 MDT-14 @ 653.4m Test
12:04 AM 11/10/2005 MDT -15 @ 654.4m No seal
12:12 AM 11/10/2005 MDT -16 @ 654.8m Test
12:46 AM 11/10/2005 MDT -17 @ 670.7m Tight
12:50 AM 11/10/2005 MDT -18 @ 673.8m Tight
1:10 AM 11/10/2005 MDT - 19 @ 678.2m Tight
1:24 AM 11/10/2005 MDT - 20 @ 691.0m Tight



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1:33 AM 11/10/2005 MDT - 21 @ 715.0m Tight
2:05 AM 11/10/2005 MDT - 22 @ 725.7m Curtailed after 15mins
2:10 AM 11/10/2005 MDT - 23 @ 665m Tight

-----END OF REPORT-----