

DAILY GEOLOGICAL REPORT

Gilbert-1A

Report No. 8
Report Period: 00:00 – 24:00 hrs, 11th 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	8	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 MDT-GR program (13 valid pressures and 7 samples). POOH to rig down tools and extract sample chambers. RIH with MSCT-GR and attempted 17 cores. POOH to surface and recovered 17 cores. Rigged down wireline. (See comments below.) Commenced P & A program.

Current Status @ 06:00hrs
(12th October 2005)

P & A well.

Lithological Summary
00:00-06:00 hrs

No further drilling.

B-grd Gas %	
ave	max
N/A	N/A

Expected Next Activity

P & A well and move to next location.

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	-

DAILY GEOLOGICAL REPORT Gilbert-1A

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	438.0	12.5 L	Wireline Logs
Early Oligocene Wedge	-	585.0	-	Wireline Logs
Gumard Fm	616.5	622.0	5.5 L	Wireline Logs
Strzelecki Group	795.5	656.0	139.5 H	Wireline Logs
Total Depth	910.0	810.0	100.0 H	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 Depth	: 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 POOH	16:52 on 11102005
Loggers CSG Shoe Depth	332.0 mMDRT	- Finish R/D	17:15 on 11102005
Days Last CSG to TD	2	Hours Logging	33 hours 10 minutes
Open Hole Interval	474.0 m	Down Time	0 hours
Maximum Deviation	3.2deg @ 783.1 mMDRT	Lost Time	0 hours
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	
Solids 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	

DAILY GEOLOGICAL REPORT

Gilbert-1A

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	11102005
<u>Start Rig Up</u>	07:25	12:15	17:30	13:20
Time RIH Start	09:00	13:05	18:18	13:50
Time on BTM	10:15	14:02	02:05 (11102005)	14:39
Log Speed (ft/hr.)	1800	800	N/A	N/A
Time on Surface	11:45	16:52	12:25 (11102005)	16:52
Finish Rig Down	11:56	16:56	12:50 (11102005)	17:15
Log Hours	4.5	4.5	19.3	4
Logger's TD (m)	806.0 mMDRT	806.0 mMDRT	725.7 mMDRT	732.0 mMDRT
Logger's CSG Shoe (m)	332.0 mMDRT	N/A	N/A	N/A
Logged (m)	From	806.0m	802.0m	725.7m
	To	70.0m	580.0m	624.0m
	Interval	736.0m	222.0m	N/A
Max. Temp. (°C) / Thermom. depth (mRT)	43 C @ 775.0 mMDRT	TBA	TBA	46 C @ 720.0 mMDRT
<u>Time Since Circ. Stop</u>	7 hours	11.75 hours	23 hours	35.5 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, Tim O'Brien

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

DAILY GEOLOGICAL REPORT

Gilbert-1A

11:47 AM 10/10/2005 unload sources
11:56 AM 10/10/2005 rig down tools

RUN 2 CMR-HNGS

12:15PM 10/10/2005 rig up tools
1:00PM 10/10/2005 power up tools
1:04 PM 10/10/2005 Compensate (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 complete 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 @ 633.8 m
7:40 PM 10/10/2005 MDT-1 @ 633.8 m 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

DAILY GEOLOGICAL REPORT Gilbert-1A

1:24 AM 11/10/2005 MDT - 20 @ 691.0m Tight
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
2:33 AM 11/10/2005 MDT - 24 @ 632.5m Tight
2:45 AM 11/10/2005 MDT - 25 @ 633.0m Test (supercharged?)
3:03 AM 11/10/2005 MDT - 26 @ 629.0m No seal
3:18 AM 11/10/2005 MDT - 27 @ 629.0m No seal
3:30 AM 11/10/2005 MDT - 28 @ 627.0m Supercharged
3:37 AM 11/10/2005 MDT - 29 @ 624.0m Tight
3:43 AM 11/10/2005 Move to 636.6m for first sampling point
3:50 AM 11/10/2005 start pumping out at 636.6m (200psi below FP)
5:31 AM 11/10/2005 start to fill 2 3/4 gallon after pumping for 1 hour 45 mins., 58 litres pumped, 0.27 ohms on resistivity, scattered response
LFA shows water signature, chamber # 33, over pressured to 3500psi over FP after 71 litres pumped--closed in OK
5:52 AM 11/10/2005 open 1x450cc chamber and fill same, LFA still showing water, chamber # 123, overpressured to 3500psi above FP after one stroke
5:56 AM 11/10/2005 stop pumping after 74litres
5:56 AM 11/10/2005 retract tool
5:58 AM 11/10/2005 come off wall OK after 2 hours 10 mins
5:58 AM 11/10/2005 move to 648.5m
6:03 AM 11/10/2005 set tool
6:10 AM 11/10/2005 begin pumping out @ 648.5m, drawing down 100 psi below FP
8:01 AM 11/10/2005 sample 2 x 450cc chambers, 94 litres pumped, resistivity = 0.36 ohms, temp=46.7 degC
LFA shows water signature, chamber numbers # 192, # 316
8:14 AM 11/10/2005 retract tool and move to 654.8m after 2 hours 15 minutes on station
8:20 AM 11/10/2005 set tool at 654.8m
8:21 AM 11/10/2005 start pumping out, drawing down 100psi below FP
9:29 AM 11/10/2005 sample 2x450cc after 50litres pumped, res=0.472 ohms, 45.9 degC
9:29 AM 11/10/2005 chamber # 485 and #487
9:56 AM 11/10/2005 move to 633.8m
10:00 AM 11/10/2005 set tool
10:04 AM 11/10/2005 start pumping out drawing down to zero
10:13 AM 11/10/2005 Tight and drawing down to 100psi
10:13 AM 11/10/2005 Retract and move to 634.0m
10:16 AM 11/10/2005 set tool at 634.0m
10:23 AM 11/10/2005 aborted tight-retract
10:23 AM 11/10/2005 move to 633.6m
10:37 AM 11/10/2005 drawdown to 100psi and pump out slowly
11:07 AM 11/10/2005 stop pumping and retract--pumped 5.3 & 2.9 litres (8.2 litres)
11:08 AM 11/10/2005 move to 634.2mMDRT for final attempt
11:14 AM 11/10/2005 start pumping out at 634.2mMDRT
11:37 AM 11/10/2005 fill last 450cc chamber # 501
11:48 AM 11/10/2005 retract and start to POOH
11:50 AM 11/10/2005 POOH
12:25 PM 11/10/2005 Tools on deck
12:28 PM 11/10/2005 Power down
12:40 PM 11/10/2005 Open sample Chamber # 501 on drill floor. Recover 50cc water (82.9% filtrate) with minor film.
12:50 PM 11/10/2005 rig down tools.



DAILY GEOLOGICAL REPORT

Gilbert-1A

RUN 4 MSCT-GR

1:20 PM 11/10/2005 rig up tool
1:28 PM 11/10/2005 power up tool
1:40 PM 11/10/2005 surface checks and calibration
1:50 PM 11/10/2005 RIH
1:54 PM 11/10/2005 Compensate (49.5 + 1.8m)
1:56 PM 11/10/2005 RIH to 730m
2:16 PM 11/10/2005 Correlation run. (adjust -0.8m)
2:20 PM 11/10/2005 RIH to 732 for 2nd correlation run.
2:21 PM 11/10/2005 Correlation run (+0.15m)
2:28 PM 11/10/2005 RIH to 730 for 2nd correlation run.
2:30 PM 11/10/2005 Correlation run. On depth.
2:38 PM 11/10/2005 run to first MSCT core point.
2:39 PM 11/10/2005 Core #1. 682.0m good
2:43 PM 11/10/2005 Core #2. 677.0m stalling while cutting.
2:51 PM 11/10/2005 Core #3. 672.5m. 9.5mm (3/8") hole washout
2:56 PM 11/10/2005 Core #4. 662.0m good
3:01 PM 11/10/2005 Core #5. 656.0m good
3:05 PM 11/10/2005 Core #6. 653.4m good
3:11 PM 11/10/2005 Core #7. 649.5m good
3:16 PM 11/10/2005 Core #8. 647.4m good
3:21 PM 11/10/2005 Core #9. 642.6m good
3:25 PM 11/10/2005 Core #10. 639.5m good
3:30 PM 11/10/2005 Core #11. 637.0m good
3:38 PM 11/10/2005 Core #12. 633.8m good
3:40 PM 11/10/2005 Core #13. 627.5m good
3:45 PM 11/10/2005 Core #14. 623.6m good
3:52 PM 11/10/2005 Core #15. 621.8m 1/2" hole washout
3:55 PM 11/10/2005 RIH to 650m for correlation run
3:57 PM 11/10/2005 Log up correlation run. On depth
4:05 PM 11/10/2005 Core #16. 584.5m 1/2" hole washout.
4:08 PM 11/10/2005 Core #17. 580.0m 1/2" 1/4" hole washout
4:13 PM 11/10/2005 Completed MSCT coring program
4:15 PM 11/10/2005 POOH with tool.
4:44 PM 11/10/2005 tool on deck.
4:52 PM 11/10/2005 rig down tools
5:15 PM 11/10/2005 complete rig down

FINAL DAILY GEOLOGICAL REPORT FOR GILBERT-1A