PLANNING AND DATA SHEET

Hole AT13 #2

	Plan	Actual
1 Well Name	AT2C	AT13 #2
2 Latitude	27° 56' 49.4" N	
3 Longitude	89° 17' 21.6" W	
4 Water Depth (m)	1281	
5 Plan TDbsf (m)	315	

6 Scientific Objectives

Site AT2 is intended to penetrate continuous, undisturbed, low reflectivity sediments, a regional unconformity, and underlying disturbed, high amplitude sediments. Seismic data at AT2 lack a geophysical indicator of hydrate, but a BSR could be parallel to the local strata. Drilling will provide measurements of in situ conditions and will document if hydrate is present. If no hydrate is present, AT2 will provide a baseline of geological, physical, and geochemical conditions for comparison to Mound F and will serve as a valuable comparison for the baseline site in the Keathley Canyon 195 region.

7 Coring program						**8 Shipboard Sampling program**					**9 Shipboard Experiments**												
Core Number	Start Depth (mbsf)	End Depth (mbsf)	Core length (m)	FHPC/FC	FPC/HRC	Headspace	Void gas	Pore Water	Sediment	Microbiol.	IR imaging	Piezoprobe	Temp-erature	Gas analyses	Chem.Anal. (Salinity,Alkalinity,Sulfate/sulfide)	Multi-sensor core logger	X-ray CT scanner	Vertical gamma density logger	Hydrate dissociation with gas sampling & analysis	hand torvane shear strength	pocket penetrometer shear strength	UU-triaxial	lab vane shear
1	0.0	9.1	9.1	1		6	1	5		2	1		1	7	20	1				1	1	1	1
2	9.1	18.3	9.1	1		2	3	3		1	1			5	12	1				1	1	1	1
3	18.3	27.4	9.1	1		1	3	2		1	1			4	8	1				1	1	1	1
4	27.4	28.4	1.0		1								1										
5	91.4	100.6	9.1	1			3	1			1			3	4	1				1	1	1	1
6	100.6	109.7	9.1	1			3	1		1	1			3	4	1				1	1	1	1
7	228.6	237.7	9.1	1			3	1		1	1			3	4	1				1	1	1	1
8	237.7	238.7	1.0		1								1			1	1	1					
9	238.7	247.9	9.1	1			3	2		1	1			3	8	1				1	1	1	1
10	247.9	248.9	1.0		1												1	1	1				
11	248.9	258.0	9.1	1			2	1		1	1			2	4	1				1	1	1	1
12	258.0	267.2	9.1	1			2	1			1			2	4	1				1	1	1	1
13	267.2	276.3	9.1	1			2	1		1	1			2	4	1				1	1	1	1
14	276.3	285.5	9.1	1			2	1			1		1	2	4	1				1	1	1	1
15	285.5	286.5	1.0		1												1	1	1				
16	286.5	287.5	1.0		1		2	1									1	1					
17	287.5	288.5	1.0		1												1	1					
18	288.5	297.6	9.1	1			2	1			1		1	2	4	1				1	1	1	1
19	297.6	306.8	9.1	1			2	1		1	1	1		2	4	1				1	1	1	1
19	306.8	315.9	9.1	1			2	1			1			2	4	1				1	1	1	1
20	315.9	316.9	1.0		1		2	1		1				2	4	1				1	1	1	1
Totals			135.0	14	7	9	37	24		11	14	1	5	44	92	16				15	15	15	15

Notes:

a. FHPC cores (called H cores) and FC cores (called C cores) of 9.1 and 4.6 m length will be cut into 1 m sections. Samples will be designated by Site-Core-Section (Centimenter interval). For example, the first sample for pore water from core 1H will be a 10-cm whole round at the base of section 1 will be designated Hole AT13 #2-1H-1 (90-100).

b. Whole round cores (10-cm) to be saved in the section adjacent to Piezoprobe