

APPENDIX 2 - FROM MMS - 123S
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U.S. Department of the Interior
Minerals Management Service (MMS)

OMB CONTROL NO. 1010-0131
 OMB Approval Expires XX/XX/2005

PERMIT TO DRILL A WELL SUPPLEMENTAL INFORMATION SHEET
(Replaces Supplemental APD Information Sheet)

1. OPERATOR NAME BHP Billiton	5. WELL NAME (Proposed) AT617 #2 ST01 (SA001ST01)	6. SIDETRACK NO. (Proposed) 01	7. BYPASS NO. (Proposed) 00	12. WATER DEPTH 6,171'	13. ELEVATION AT KB 85'
2. API WELL NO. (Proposed) (12 Digits) 608184006001	8. SURFACE WELL LOCATION (NAD 27) LATITUDE 27° 19' 51.892" N LONGITUDE 89° 51' 36.251" W			14. TYPE OF WELL <input type="checkbox"/> EXPLORATION <input checked="" type="checkbox"/> DEVELOPMENT	
3. BOTTOM LEASE NO (Proposed) OCS-G-08037	9. BOTTOM WELL LOCATION (NAD 27) LATITUDE 27° 19' 40.93" N LONGITUDE 89° 52' 13.82" W			15. H ₂ S DESIGNATION <input type="checkbox"/> KNOWN <input type="checkbox"/> UNKNOWN <input checked="" type="checkbox"/> ABSENT	
4. TOTAL DEPTH (Proposed) MD 20,040' TVD 18,690'	10. RIG NAME Transocean GSF DD1		11. RIG TYPE SEMI-SUBMERSIBLE		16. H ₂ S ACTIVATION PLAN DEPTH FT (TVD) N/A

15. ENGINEERING DATA

Hole Size (in.)	Casing (Indicate if liner)	Casing Size (in.)	Weight Grade	Burst Rating Collapse Rating (psi)	Type of Connection	MASP (psi)			Top of Liner MD	Casing Depth			Well-head Rating (psi)	BOP Size (in)	Rated BOP Working Pres. Annular Ram	Test Presures		Cement (ft3)	Drilling Fluid Type (oil base, water base, synthetic)			
						MAWP (psi)	Safety Factors			M D	Shoe (ppg)					Annular Ram (psi)	Casing (psi)			Shoe Test (ppg)		
							B	C			T	P									M	W
	Drive Structural	36	726.00		HC100D/MT					6,387'					Stump Test	7,000						
			X-70							6,387'												
		36	374.00	D-60MT							6,527'						10,000					
			X-56								6,527'											
26	Conductor	22	170.2	3,880	XLW					9,219'			15,000	18 3/4"	10,000			10.80				
			X-65	1,870						9,219'												
17-1/2	Intermediate	13-5/8	88.20	10,030	SLIJ-II	5,837	1.4	1.8	2.3	6,244'	13,500'	10.0	10.7	13.2	15,000	18 3/4"	10,000	5,200	5,200	13.2	1,324 (1)	Synthetic
			HQC-125	6,370		3,093					13,498'					15,000	5,200	5,200	w/11.2 ppg			
12-1/4 x 14-3/4	Drilling liner	11-3/4	65.00	9,940	ST-L	7,369	2.5	1.9	3.3	13,144'	16,965'	11.2	11.2	14.2	15,000	18 3/4"	10,000	5,200	3,100	14.2	950	Synthetic
			HQC-125	5,810		4,626					16,245'					15,000	5,200	5,200	w/11.2 ppg			
10-5/8 x 12-1/4	Production Liner	9-5/8	53.50	10,900	SLIJ-II	7,369	1.7	1.6	2.5	13,044'	18,600'	12.8	12.8	14.8	15,000	18 3/4"	10,000	5,200	4,200	N/A	910	Synthetic
			C-110	7,950		17,363'																
			C-110	10,290	SLIJ-II	4,626				18,600'	20,040'											

16. CONTACT NAME	17. CONTACT PHONE NO.	18. CONTACT E-MAIL ADDRESS
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19. Will you maintain quantities of mud and mud material (including weight materials and additives) sufficient to raise the entire mud weight 1/2 ppg or more? Yes No

20. REMARKS: (1) Side track out of 13-5/8" casing. Cement already in place.
 ZONE PROTECTION STATEMENT: All zones containing fresh water, oil, or gas shall be isolated by casing and/or cement.
 DRILLING FLUID DISPOSAL STATEMENT: All drilling mud, drill cuttings, sand or other solids will be discharged into the Gulf of Mexico, unless the toxicity as measured by the EPA "Drilling Fluids Toxicity Test" meets the 30,000 ppm limitation. In addition, no discharges that cause a sheen to appear on the surface of the water will be made.