Table 4. Gulf Coast Refinery Cases Developed by Stratco/Purvin & Gertz

Case	Gasoline Production		Pentane Sales BPD	Ethanol (MTBE) BPD	Isobutane Purchased BPD	Incremental Alkylate Production BPD	Process Capacity Changes*
	Pool Volume BPD	Change percent					
Base	103,455		0	(10,500)	0	Base	
II	96,661	-6.6	5,706	7,626	849	+2,734	1,3,4
III	96,542	-6.7	6,250	8,631	1,338	+3,661	1,3,4
IV	99,901	-3.4	1,641	6,740	2,839	+7,993	1,2,3,4

BPD = barrels per day

*Process Capacity Notes:

1. New light straight run depentanizer
2. New fluid catalytic cracking gasoline depentanizer
3. Expand olefin treating (mercaptan removal and selective hydrogenation)
4. Expand alkylation

Source: "Refining Options for MTBE-Free Gasoline" NPRA AM00-53, presented at NPRA's Annual Meeting in 2000. http://www.stratco.com/pdf/RefiningOptionsPaper.pdf .