

Sensitivity to Pipe Roughness



Table 3 - Sensitivity to depth of the riser end plume

Model/ Sensitivity Parameter	Value	Best Estimated Flow Rate (STBPD)	Minimum Flow Rate (STBPD)	Maximum Flow Rate (STBPD)
Base Case	-4990 ft.		21300	28400
Base + Riser End Depth	-4985 ft.	24800	23600	28400

Table 4 - Sensitivity to the roughness of riser pipe

Model/ Sensitivity Parameter	Value	Best Estimated Flow Rate (STBPD)	Minimum Flow Rate (STBPD)	Maximum Flow Rate (STBPD)
Base Case	0.0018 in	24800	21300	28400
Base + 10 times Roughness	0.018 in		26000	27200
Base + 100 times Roughness	0.18 in		24800	26000

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