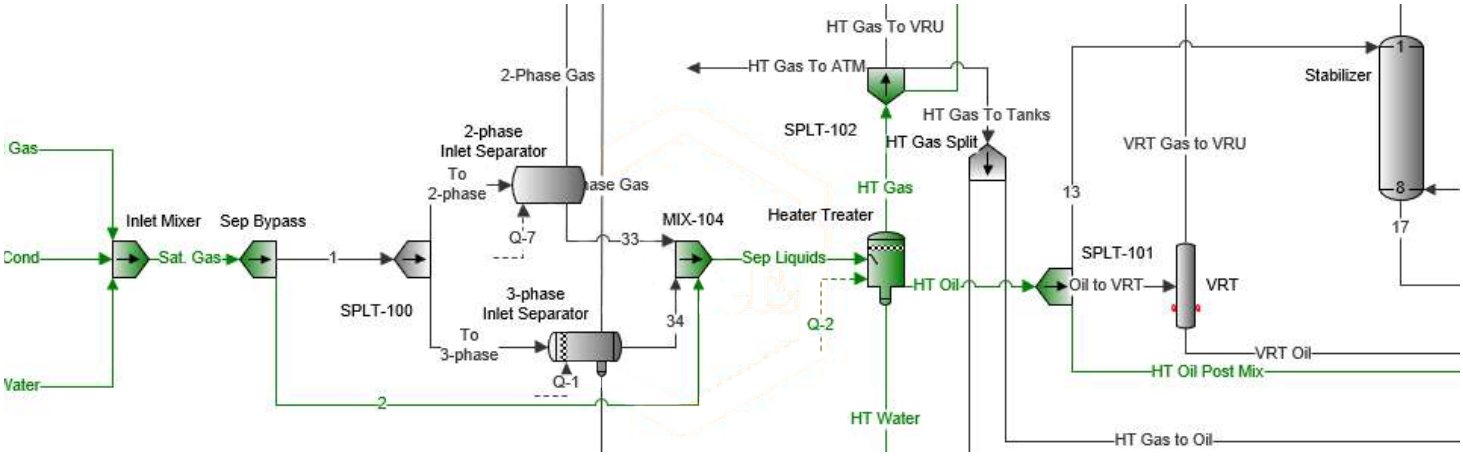

ProMax Greenhouse Gas Annual Reporting

Oklahoma & Ohio
March 2023

Rose Rock was retained by an exploration and production company, with operations in Oklahoma and Ohio, to calculate and submit annual Greenhouse Gas (GHG) emissions to the Environmental Protection Agency (EPA). Rose Rock's air team utilized BR&E's ProMax 6.0 process simulation software to accurately model both methane and carbon dioxide (CO_2) emissions using site-specific parameters for wells that averaged ten or more barrels of oil per day. Our team worked to create an advanced model that is highly adaptable for various operating scenarios. These emission estimates were combined with other sources to create a complete GHG submittal document and ensure the client remained in compliance with the EPA.

	Required to Report petroleum and natural gas production [40 CFR 98.230(a)(9)]	Go to Reporting Spreadsheet	Total Reported CO_2 Emissions (mt CO_2)	Total Reported CH_4 Emissions (mt CH_4)	Total Reported N_2O Emissions (mt N_2O)
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	No	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	No	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	No	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	No	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Yes