

[Full Name]

[Phone Number] | [Email Address] | [LinkedIn Profile URL]
[Address, City, State, Zip Code]

[Date]

[Hiring Manager Name]
[Title]
[Company Name]
[Company Address]

RE: Reservoir Simulation Engineer Application - [Job Reference Number]

Dear [Hiring Manager Name],

I am writing to express my interest in the Reservoir Simulation Engineer position at [Company Name]. With a [Degree Type] in Petroleum Engineering and [Number] years of experience in numerical modeling and asset optimization, I am confident in my ability to contribute to your reservoir management team.

During my tenure at [Previous Company], I specialized in [mention specific basins or field types, e.g., unconventional shale or deepwater carbonates]. My technical expertise includes:

- Building and calibrating complex [Black Oil/Compositional] simulation models using [Software Name: e.g., Eclipse, tNavigator, or CMG].
- Conducting History Matching and Sensitivity Analysis to reduce uncertainty in production forecasts.
- Designing Field Development Plans (FDP) and optimizing well placement/spacing for maximum NPV.
- Collaborating with G&G and production teams to integrate static and dynamic data.

I am particularly drawn to [Company Name] because of your recent work in [mention a specific project or company initiative]. I am eager to apply my skills in [specific skill, e.g., EOR modeling or Geomechanics] to help [Company Name] achieve its production targets and recovery efficiency goals.

Thank you for your time and consideration. I look forward to the possibility of discussing how my technical background in reservoir characterization and simulation can benefit your team.

Sincerely,

[Full Name]