

***Chevron's plans for rubblization of Green River Formation oil shale (GROS) for chemical conversion***

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Chevron intends to chemically convert kerogen to useful hydrocarbons using a low temperature, chemical process. To accomplish this conversion in a reasonable period of time, it is necessary to provide a large surface area for the chemicals to react with the kerogen. This paper will describe the methods being considered to accomplish this task, some background of the theory behind these concepts, and Chevron's plan for taking this technology to the field. This plan includes:

- Development of simulation capability,
- Interim large scale testing and validation,
- Refinement of the modeling capabilities, based upon interim tests
- Field scale implementation at Chevron's Research, Development and Demonstration (RD&D) lease, and

Development and implementation of plans for detection and verification of containment before, during, and after testing of the conversion process itself.