

# WHY CHATTANOOGA?

## Benefits of the Chattanooga Process for Producing Oil from Shale

### Environmental:

- Negligible water required
- No waste water discharge
- No SO<sub>2</sub>, Nox or CO<sub>2</sub> is produced in the Chattanooga Process basic reaction
- The Chattanooga Process emits less CO<sub>2</sub> (lbs/bbl) than other processes
- Unlike other processes, the Chattanooga Process does not break down calcium carbonate in western shale to CO<sub>2</sub> and calcium oxides, because the Chattanooga Process operates at temperatures below 500 deg. C. This also reduces the amount of CO<sub>2</sub> produced as compared to other processes.
- For both Western and Eastern oil shale, the spent shale maintains its structural integrity and there is very little swelling of the shale. This facilitates handling and reduces the volume of material for reclamation, as compared to other processes.
- The Chattanooga Process plant has a compact footprint due to fewer sub-processes
- Dry spent shale and fines from the Chattanooga Process are immediately available for reclamation.

### Economic:

- The Chattanooga Process has proven 100% yields on both Eastern (Kentucky) and Western (Colorado) shale.
- The Chattanooga Process has demonstrated production of 42+ gallons of high-grade oil per ton of Colorado shale and 20+ gallons per ton from Kentucky shale
- The Chattanooga Process has lower capital and operating costs than other processes

Contact: [www.chattanooga-corp.com](http://www.chattanooga-corp.com)    [info@chattanooga-corp.com](mailto:info@chattanooga-corp.com)