

EORGAS

WHAT IS IT?

A USA and Canada Multi-Patented, Sustainable, Enhanced Oil Recovery Process For Conventional and Heavy Oil to Achieve IRR in Range of 22-35% -- Without Emissions

WHAT ARE ITS ADVANTAGES?

- Increases Profit Margins For Both Old and New Wells
- All Gases Sequestered
- Recovers oil 2X faster than pure CO₂ miscible floods
- Converts Non-Economic Thermal (SAGD) Wells to Economic Status
- Remediate Formation Damaged Reservoirs (shrinks swelling clays + glauconite) to Increase Reserves and Corporate Assets
- Produces Significant Heat (and H₂ If Desired) Available For:
 - # On-Site electrical generation
 - # Augment EORGAS for Very Heavy Oil Recovery
 - # Sale of Hydrogen

WHAT IS IN GAS?

~60% CO₂ + ~25% CO + ~15% N₂, CH₄

WHY DOES IT WORK?

Recovers Oil by Two Independent-But Complimentary-Methods:

Physical Chemical Interactions (CO₂) + Geochemical Mechanisms (CO)

WHAT PROOF DO YOU HAVE?

Chemical and Thermodynamic Data, Literature Research, Lab Studies, Slim Tube Testing, IFT, Rising Bubble, Core Flooding, Third Party (CSM, Surtek) Testing, CSM Grad Research MS Thesis, Two Published SPE Papers

DO YOU HAVE ANY FIELD APPLICATIONS?

YES

- Successful Well Bore Remediation Coupled With Excellent Huff-n-Puff Results
 - Full Field (Conventional) EORGAS Operation Ongoing by Licensee (USA)
- **WHAT IS MECHANISM FOR LOW TEMPERATURE HEAVY OIL RECOVERY?**

CO's Geochemical Mechanisms Interact with the Heavy Oil's Asphaltenes to Shrink and Thus Mobilize Asphaltenes + Associated Hydrocarbons

DO YOU HAVE ANY EXISTING LICENSEES?

YES

(For Both Conventional and Heavy Oil Applications)

DO YOU HAVE A TECHNICAL POWER POINT?

YES

PROPOSED NEXT STEPS?

- Present Technical Power Point to Your Appropriate Personnel
- Co-Fund a Canadian (?) University to Test Applicability of EORGAS To Your Oil

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