

HCR 3016

Senate Energy and Natural Resources

Chairman Patten and Committee Members

I am not a paid lobbyist, but I am a very concerned citizen that HCR 3016 should be defeated.

There are grave concerns about the continued use of CO<sub>2</sub> because of its harmful efforts on the environment. Other common EOR techniques include pumping steam into the well in order to heat the oil and make it less viscous. Similar outcomes can be achieved through so-called “fire flooding,” which involves lighting a fire around the periphery of the oil reservoir in order to drive the remaining oil close to the well.

Unfortunately, EOR techniques can produce negative environmental side effects, such as causing harmful chemicals to leak into the groundwater. There is a recent technique that might help reduce these environmental risks, it is called Plasma Pulsing. Developed in Russia, plasma pulsing technology involves radiating oil fields with low-energy emissions, thereby lowering their viscosity much like conventional EOR techniques.

Because plasma pulsing does not require injecting gases into the ground like CO<sub>2</sub> which was declared a weapon of mass destruction by the Defense Department, chemicals, or heat into the ground, plasma pulsing may prove to be less environmentally harmful than the other current methods of recovery. I urge a Do Not Pass on HCR 3016.

Thank You, Gordon Greenstein

US Navy (Veteran)

US Army-NDNG (Retired)