

Corridor EIS Archives

From: corridoreiswebmaster@anl.gov
Sent: Monday, July 10, 2006 10:46 AM
To: corridoreisarchives,
Subject: Preliminary Draft Corridor Map Comment M0079

Thank you for your comment, Dan Arthur.

The comment tracking number that has been assigned to your comment is M0079. Once the comment response document has been published, please refer to the comment tracking number to locate the response.

Comment Date: July 10, 2006 10:45:39AM CDT

Preliminary Draft Corridor Map Comment: M0079

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Comment Submitted:

This letter is being written to address the West-wide Energy Corridor Programmatic Environmental Impact Statement (PEIS) that is currently in the public comment period. The U.S. Department of Energy, the Bureau of Land Management, the Defense Department, and other interested agencies are being proactive and should be applauded for exploring new ways to improve America's energy infrastructure. In reviewing the scope I could not help but notice that carbon dioxide pipelines were not included in the scope. The scope is limited to oil, gas and hydrogen pipelines and electricity transmission and distribution facilities.

Carbon dioxide (CO₂) is a miscible injectant that is injected into oil producing reservoirs and actually makes the oil more mobile in the reservoir therefore increasing production and recoverable oil reserves. CO₂ is a proven tertiary recovery technique that could greatly enhance America's domestic oil production. This recovery process has been used for over 30 years in the Permian Basin and in Rocky Mountain oil fields with tremendous success. Huge fields like the Nesson Anticline in North Dakota, the Cedar Creek Anticline in Montana, Hartzog Draw in Wyoming, Height Draw in Wyoming, Culp Draw in Wyoming, Bell Creek in Montana, and other fields would be greatly enhanced by injecting CO₂ into these fields. A recent CO₂ success is the Salt Creek Oil field operated by Anadarko Petroleum Corporation. In Anadarko's public presentations, they represented production increasing from 7,500 barrels of oil per day to 35,000 barrels of oil per day. This example, among others, highlights the importance of your PEIS including CO₂ pipelines. If CO₂ is injected into these Rocky Mountain oil fields, more energy infrastructure will be required to move the oil to market. More importantly, the significance of CO₂ to future oil production in the region highlights the fact that CO₂ pipelines should be included in the scope to ease the movement of CO₂ from the CO₂ source to the oil fields.

Not only is sequestering CO₂ and injecting it into oil reservoirs useful for enhancing oil production, it is also good for the environment. As you are aware, CO₂ is being vented in large quantities at methane producing fields and at coal fired power generation plants in the states in which your PEIS focuses on. It is also worth mentioning that CO₂ will be a by-product of the coal-to-gas plants, the coal-to-diesel plants, and the futureGEN plant

that the DOE and the energy industry are currently studying and proposing to construct. Sequestering CO2 and injecting it into reservoirs is good for the environment by reducing the venting of CO2 into the atmosphere, and it will increase domestic oil production, increase the royalty revenues the Federal Government receives from its Federal Lands, and reduce America's energy reliance on foreign oil.

Thank you for the opportunity to provide input during the scoping process of the PEIS. I understand the purpose of the scoping process is to obtain input regarding considerations and concerns for the proposed NEPA study. We also trust that the significance of CO2 will be fully evaluated and that the PEIS will include at a minimum the transportation and enhanced oil recovery application. These issues are critical to the future of mineral resource management and transportation in the region.

Thank you for your consideration and good luck with the project

Questions about submitting comments over the Web? Contact us at:
corridoreiswebmaster@anl.gov or call the Preliminary Draft Corridor Map Webmaster at
(630)252-6182.