

Steve
Wiig/RSFOWY/BLM/DOI
06/13/2006 11:11 AM

To Phil Parlewicz/WY/BLM/DOI
cc John MacDonald/RSFOWY/BLM/DOI, Gary
McNaughton/KFOWY/BLM/DOI, Jeff
Clawson/RSFOWY/BLM/DOI, Joanna
bcc
Subject Re: Fw: Wyoming OS maps

Hi Phil,

I reviewed the maps that you forwarded in your original email and offer the following comments:

These maps (apparently obtained from the USGS) depict the areal extent of the various members of the Green River Fm., and are also shown on the State of Wyoming geologic map. These maps do NOT represent areas of the Green River Fm that are known to contain oil shale deposits. There is no known evidence to support the occurrence of classifiable oil shale zones (15' thick/ 15 gal/ton avg.) outside of the current oil shale withdrawal boundary; with the exception of several areas on the west side of the Green River Basin Oil Shale Withdrawal that have been identified during recent studies. The areas known to contain classifiable oil shale deposits have been mapped and are in your possession. Following are comments addressing the points that Karen Smith included in her email to you:

- 1 The data we currently have in our files does not indicate that any classifiable oil shale zones occur within the geographic area of the Pinedale FO.
- 2 The data we currently have in our files does not indicate that any classifiable oil shale zones occur within the geographic area of the Great Divide Basin. We would have to assume that this area was excluded from the original Oil Shale Withdrawal because it does NOT contain any appreciable oil shale deposits.
- 3 The classifiable oil shale deposits within the southeast corner of the Green River Basin have been identified and mapped. This information has been supplied to you.
4. The Kemmerer RMP that is in the process of being written will exclude oil and gas (and I assume oil shale) leasing within the area of the Green River Basin Trona MMTA. I believe that you have the current MMTA boundary in either an Autocad drawing file or a GIS layer. Upon completion of the Kemmerer RMP, the Green River RMP will be amended to likewise exclude oil and gas leasing in this area.

According to my conversation with Charlie Beecham and the information that was included in the Oil Shale Development RFD writeup, oil shale zones with an average quality less than 20 gal/ton are not considered likely to be developed. Under this scenario, you can eliminate virtually 90% of the known oil shale deposits in Wyoming from further consideration. So the question becomes just how large an area do you want to analyze in the PEIS and under what criteria?

If you want to discuss this further, give me a call. Keep me posted on what's happening
Later -----

SV Wiig



Working to Protect Native Species and Their Habitats

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This memorandum memorializes a conversation between Erik Molvar of Biodiversity Conservation Alliance and Steve Wiig of the Rock Springs BLM Field Office. The telephone conversation occurred at 4:40 p.m. on Monday, January 26, 2009.

The call was in regard to references in the Oil Shale Tar Sands Draft PEIS, in which Wiig (2006a or b) is listed respectively as personal communications from S. Wiig of the Rock Springs BLM Field Office to P. Perlowitz of the Wyoming State Office on June 13, 2006; and to K.P. Smith of the Argonne National Laboratory on June 27, 2006.

During the conversation, Mr. Wiig stated that he used the same Fischer assay analyses of drill cores and rotary cuttings as the 2008 USGS report for his analysis of oil shale prospectivity in Wyoming, which he shared with Argonne National Laboratory. According to Wiig, "I had every assay that was available for that area." Wiig reported having no record of an email between himself and Karen Smith of Argonne National Lab for June 27th (he stated that "quite a bit of correspondence was going on at that particular time" between Wiig and Smith), but was able to locate the referenced email to Phil Perlowitz. "We basically used the USGS standard" in recommending oil shale areas, he stated.

Mr. Wiig subsequently provided two emails responsive to the request later this afternoon, one from himself to Phil Perlewitz dated June 16, 2006 and a second from himself to Karen Smith dated July 26, 2009.

Signed this 26th day of January, 2009,

Erik Molvar
Executive Director
Biodiversity Conservation Alliance