From:	Lyons, James
To:	Sarah Greenberger
Cc:	Michael Bean; Noreen Walsh; Amy Lueders; Frank Quamen
Subject:	Re: GRSG & CO O&G Pie Charts for Non-leased areas
Date:	Wednesday, May 06, 2015 9:00:04 AM

Thanks Frank, very helpful.

Sarah -- I think these pie charts get to the most salient point for discussion with the Governor.

For NW CO -- essentially the planning area for the BLM -- for high and medium potential O&G;

- Natural gas -- 54% or 1.7 million ac of unleased land is in non-habitat (1/3 federal, 21% non-federal)
- Oil -- 55% or 1.9 million ac of unleased land in in non-habitat (35% federal, 20% non-federal
- ONLY 17% of PHMA for gas and 16% PHMA for oil is in PHMA.

For CO as a whole -- for high and medium potential O&G:

- Natural gas -- 77% or 4.8 mill ac of unleased is non-habitat (33% federal and 44% non-federal)
- Oil -- 84% or 9.3 mill ac of unleased is non-habitat (38% federal and 46% non-federal)
- ONLY 14 % of the PHMA for gas and 9% for oil is in PHMA.

Which is why:

1. **the FWS role in determining exemptions from NSO should be a minimal concern -- only applies in PHMA, and**
2. **BLM and the state should be prioritizing oil and gas development in H/M potential, non-habitat areas -- where there is roughly TWICE as much gas and oil potential in NW CO, and FIVE times as much in all of CO. i.e, more likelihood of finding oil and gas and greater certainty that they can develop it with minimal conflict.**

Jim

On Tue, May 5, 2015 at 8:50 PM, Quamen, Frank <fquamen@blm.gov> wrote:

> Hi Jim & Sarah,
> Here is a third set of maps highlighting the non-leased areas.
>
> Frank Quamen, PhD, Wildlife Biology
> BLM National Operations Center
> Denver Federal Center Building 40
> 303-236-6310

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