

**From:** Bowman, Randal  
**To:** [Lindow, Emily](#)  
**Subject:** Re: Question for Monument Review  
**Date:** Friday, July 21, 2017 8:27:19 AM

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Thank you - I was writing my follow-up email when your answer arrived and didn't see it until after I had sent my questions. Rather than continuing email exchanges, could you arrange a call or meeting early next week for someone to walk me through this - shouldn't take more than 15 minutes. I need to be able to summarize the prospects for oil and gas development in the monument area, with cites to published documents such as the report I mentioned, and related issues such as probable oil and gas prices needed to make exploration and development worthwhile for those amounts of resources, and - not a resource potential issue - whether BOEM would under current practices [REDACTED] or if that would be unsuitable terrain.

On Fri, Jul 21, 2017 at 9:00 AM, Lindow, Emily <[emily.lindow@boem.gov](mailto:emily.lindow@boem.gov)> wrote:

From the sentence: Based on this assessment, BOEM estimates that 50 million bbls and 400 Billion cubic feet of risked mean undiscovered technically recoverable oil and gas resources could potentially exist **in this area**.

The "in this area" is referring to the Northeast Canyons and Seamounts Monument area only.

On Thu, Jul 20, 2017 at 4:49 PM, Bowman, Randal <[randal\\_bowman@ios.doi.gov](mailto:randal_bowman@ios.doi.gov)> wrote:

Thank you. Information on renewables would be helpful. I have one question at this point - is "this area." (last 2 words above) the North Atlantic OCS planning area, or a subset of that in the vicinity of the monument?

On Thu, Jul 20, 2017 at 4:23 PM, Lindow, Emily <[emily.lindow@boem.gov](mailto:emily.lindow@boem.gov)> wrote:

Hi - here is the draft info specific to Northeast and oil and gas (note that this does not include renewables - let me know if you need that info too). If you have any questions, let me know and I will connect you with our experts that put together the estimate.

We are going to be vetting the entire package (impacts of all monuments and sanctuaries) through Kate and Vincent early next week.

*What are the estimated recoverable oil and gas reserves (including methane hydrates) for the area designated as Northeast Canyons and Seamounts Marine National Monument?*

**BOEM Response:** There are no discovered oil and/or gas fields in the Northeast Canyons and Seamounts Marine National Monument area. Therefore, BOEM does not have oil and gas reserves estimates in this area. However, in 2016 BOEM completed an assessment of undiscovered oil and gas resource potential on the OCS, which covers these Northern Atlantic OCS areas. The information used to inform the Atlantic portion of this assessment includes information acquired from significant oil and gas exploration

activities that occurred in the late 1960s to the late 1980s, when approximately 239,000 line miles of 2D seismic data were acquired, processed, and interpreted. Also, information from 51 wells drilled between 1975 and 1984, coupled with information from analogous oil and gas field discoveries primarily off the coast of Africa, served to inform this assessment. Based on this assessment, BOEM estimates that 50 million bbls and 400 Billion cubic feet of risked mean undiscovered technically recoverable oil and gas resources could potentially exist in this area.

On Thu, Jul 20, 2017 at 2:44 PM, Bowman, Randal <[randal\\_bowman@ios.doi.gov](mailto:randal_bowman@ios.doi.gov)> wrote:

How is development of this information coming? I need it ASAP. Thanks

On Fri, Jul 14, 2017 at 1:23 PM, Lindow, Emily <[emily.lindow@boem.gov](mailto:emily.lindow@boem.gov)> wrote:  
Yes

On Fri, Jul 14, 2017 at 9:25 AM, Bowman, Randal <[randal\\_bowman@ios.doi.gov](mailto:randal_bowman@ios.doi.gov)> wrote:

Emily, is this on schedule - i.e. information available by early next week?

On Thu, Jul 6, 2017 at 8:59 AM, Lindow, Emily <[emily.lindow@boem.gov](mailto:emily.lindow@boem.gov)> wrote:

Hi - I have our people working on both the sanctuaries and monuments right now. They are supposed to get me draft info by the end of next week that would include the resource estimates.

I am on vacation this week, but back in the office on Monday if you want to discuss.

On Wed, Jul 5, 2017 at 4:18 PM, Bowman, Randal <[randal\\_bowman@ios.doi.gov](mailto:randal_bowman@ios.doi.gov)> wrote:

Hope you have

(b) (6)

If so, could you have whomever is the appropriate person or office provide me with publicly releasable information on the oil and gas potential of the area in which the Northeast Canyons and Seamounts Marine National Monument is located. A map of the monument is attached.

The format is not important. Either something like "high, medium or low", or more specific projections for an area including the monument would be OK initially. If possible, I would like it by the end of next week (14th).

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Emily Lindow

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