

Bureau of Land Management
New Mexico State Office
301 Dinosaur Trail Santa Fe, NM 87508

February 18, 2016

Re: Protest of April 20, 2016 Lease Sale

To The Bureau of Land Management:

I am filing this Protest of the Bureau of Land Management's (BLM) planned April 20, 2016 oil and gas lease sale and Environmental Assessment DOI-BLM-NM-040-2015-61-EA, pursuant to 43 C.F.R. § 3120.1-3.

I formally protest the inclusion of the following parcel, NM- 201603-43, covering a total of 258.9 acres. The proposed parcel is on/adjacent to Lewisville Lake.

I am filing this protest on behalf of myself and my family. My name is Heidi Thiele and I live at 3908 Fawn Dr. Denton, TX 76208 and I can be reached at 940-323-1204. My email is mkheidit@hotmail.com.

My family and I live in Denton, and much of our drinking water comes from Lake Lewisville.

The reason I feel I am an affected party by the auction of the 10-year mineral lease on the property is due to the following [concerns]:

- 1) Highland Village obtains its drinking water supply from Lake Lewisville and public water wells near the lake. I am worried about the contamination of our drinking water through possible drilling runoff from the site. The possible migration of contaminants through our aquifers could also impair our public water wells.

A 2015 peer-reviewed study by Dr. Zachariah Hildenbrand and others, "A Comprehensive Analysis of Groundwater Quality in the Barnett Shale" gives indications that fracking compounds have been detected in water samples near wells sites in an analysis of more than 500 samples in the Barnett shale. Some of this sampling was done in Denton county.

- 2) I am also concerned about the potential for increased seismicity from added drilling in and around Lake Lewisville. The Lewisville dam is currently under repair after a 161-foot long, 23-foot wide slide on an earthen embankment this past spring. Additional drilling or the migration of drilling fluids along existing fault areas below the lake could negatively impact the integrity of the dam's infrastructure.

- 3) AIR POLLUTION – Denton county is designated as “serious” as part of a 10-county nonattainment area for not having healthy air under the federal Clean Air Act. In early 2015, the EPA took public comments regarding elevating the 10-county DFW area to “severe.” Any drilling air emissions will only add to our unhealthy air quality.

In DFW during summer months, the wind primarily blows from southeast to northwest any pollution could impact the Denton airport monitor, which has the worst air pollution readings consistently in our region.

The Environmental Assessment for this proposed lease sale is substantially and procedurally flawed. There was no analysis of how drilling, fracking, or wastewater injection could impact the Woodbine, Trinity or Paluxy aquifers in relation to this parcel. The EA does not address the soils or the geology regarding this Lake Lewisville parcel along with other important issues. Therefore, BLM’s offer of this parcel is unlawful as it fails to sufficiently address the above issues as required by the National Environmental Protection Act (NEPA). Please pull this parcel from the April 20 auction. Do not put my family’s water, health, and well-being at risk.

Sincerely,
Heidi Thiele
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Denton, TX 76208
940-323-1204
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