

Amy Leuders
Bureau of Land Management
New Mexico State Office
P.O. Box 27115
Santa Fe, NM 87502-0115

2016 FEB 16 PM 5:30

SANTA FE, NM

February 13, 2016

Re: Protest of April 20, 2016 Lease Sale, Lewisville Lake

Dear Ms. Leuders:

I would like to formally file a 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 (also marked as MN-201603-44 on EA p. 17/101) covering a total of 258.9 acres on Lewisville Lake.

I am filing this protest on behalf of my family and my business. My is J. Brooke Ali and I live at 3393 Thornberry Trail, Highland Village 75077 and I can be reached at 310-623-0904. My email is: brookeali@yahoo.com.

We live very close to Lake Lewisville. My family takes regular hikes by the lake and enjoys boating on the lake with friends as well. We also drink and bathe in the water from the lake. I am also a REALTOR and I sell homes on or near Lake Lewisville to families that would be interested in the same things my family enjoys about the lake.

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) WATER SUPPLY: My drinking water comes from Lewisville Lake. Our city also has additional wells not far from Lewisville 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.

2) THREAT OF SEISMIC ACTIVITY: My home is near to the lake and on a hill, I am also concerned about the potential for increased seismicity from added drilling in and around Lake Lewisville which could harm our home. Not only that, but 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 dam embankment or cause a breach. A major breach could put 430,000 residents downstream at risk of flooding and be a loss of our local water supply.

The Environmental Assessment (EA) 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.

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.

My husband suffers from asthma and I am concerned that this can directly affect his health and ability to work. My daughter also suffers from asthma. The additional air pollution could be devastating on our families health.

4) LOCAL ECONOMICS – My business is to sell homes. I am concerned that this could seriously impact the value of homes in the area and thus my livelihood. My husbands business is also located near to Lake Lewisville, which could in turn directly effect business and his job.

5) WATER POLLUTION – Since my family bathes in the water from the lake as well as drinks the water, I am extremely concerned about pollution. This is like another Flint Michigan. 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.

6) SOIL/DAM IMPACTS– A 2013 presentation by Anita Branch of the Army Corps of Engineers identified new issues of concern in the relationship to dams and drilling. These issues include induced seismicity (earthquakes), the transmission of fracking fluids outside the target zone via natural faults underground, and the disposal of flowback water raising the potential for ground and surface water contamination.

The presentation by the Corps further added that "[e]rosion of the embankment along existing faults located in the foundation, abutments or outlet works [that] could lead to project failure... [and] an uncontrolled loss of pool or flood storage." In other words, a breach in a dam.

7) RECREATION IMPACTS – This will directly affect our recreation on Lake Lewisville for boating and hiking around the lake. I will not feel safe having my children swimming in a contaminated lake.

8) WILDLIFE/MIGRATORY BIRDS – The whooping crane and the least interior tern are on the endangered species list and have been seen on Lewisville Lake.

Sincerely,



Brooke Ali
RE/MAX Advantage
3393 Thornberry Trail
Highland Village, TX 75077
310-623-0904 (cell)

