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# Fax

For: Amy Leuders BLM

Fax number: 1-505-954-2010

From: Susan Cook PhD

Fax number: 940-365-9411

Date: February 18, 2016

Regarding: Protest of April 20, 2016 Lease Sale

Number of pages: Four

Comments:

Letter + Resume from Susan Cook PhD  
P.O. Box 617 Pilot Point, TX 76258-0617

Phone #: 940-231-0963

email: ruff.1314@gmail.com

Susan Cook PhD

226 Countryside Dr.  
Aubrey, TX 76227  
Tel: 940-365-9162  
Fax: 940-365-9411

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

February 18, 2016

Re: Protest of April 20, 2016 Lease Sale

Dear Ms. Leuders:

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 DO1-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 myself. My name is Susan E. Cook PhD and my mailing address is P.O. Box 617, Pilot Point, Texas 76258-0617. I can be reached at 940-231-0963. My email is [ruff.1314@gmail.com](mailto:ruff.1314@gmail.com). I have a PhD in Water Quality and Toxicology. Please refer to my resume for my education, employment and experience.

I am concerned about fracking beneath Lewisville Lake as I experienced severe water quality problems while I lived in Washington state. Water quality was compromised by the fact that wells deeper than 100 feet "hit" salt and methane. It was also further compromised by many septic systems in that shallow zone. My experience there included being on a well system that was contaminated by a landfill. I was poisoned by lead and organotins. I bought a different property and the water was contaminated by mercury and phosphorus. My horses were harmed by the water at both sites. I gave up on WA state water as I had to drink bottled water. I decided to move to north Texas because of the deep wells there. My horses are a lot healthier and so am I. We all drink the water. I do not want to have my horses injured again by contaminated water ever and I love Texas and want to stay there. That is why I am filing the protest against fracking in Lewisville Lake. Safe water is a precious resource that needs to be protected. I have read volumes on fracking and have friends whose properties have been compromised by fracking. No one should be allowed to devalue properties and injure people for economic gain.

A study published on February 12, 2016 in Science Advances stated that 130 million people in the United States face severe water scarcity mostly in Western and Southern states like California, Texas and Florida where drought is already a common aspect of life. That is another reason why fracking should be banned in Texas as large amounts of water are contaminated and wasted. Water in Texas is more precious and needed than oil for survival of humans and ecosystems.

Sincerely,

Address:

Phone: 940-231-0617

P.O. Box 617

Email: ruff.1314@gmail.com

A A A I- ON DI + P. L. + TV 76258-0617

## RESUME

Susan Elizabeth Kemp Cook

Address: P.O. Box 617  
Pilot Point, TX 76258

Phone: 940-231-0963  
E-Mail: [ruff.1314@gmail.com](mailto:ruff.1314@gmail.com)

### Education

Wellesley College, Wellesley, Massachusetts: BA in Zoology and Physiology 1964

SUNY College of Environmental Science and Forestry at Syracuse University,  
Syracuse, New York 1966-1972

NDEA Fellowship

PhD in Forest Zoology

Thesis Topic: Species diversity of benthic macroinvertebrates in Ox Creek in  
relation to pollution inputs.

### Employment

Research Technician, Anatomy Department, SUNY College of Medicine 1964-1966

Assistant Professor at Oxford Polytechnic, Headington Oxford, England 1972-1976

Taught courses in animal, plant and marine ecology, invertebrate physiology and  
vertebrate physiology.

Assistant Professor at Huxley College of Environmental Studies, Bellingham,  
Washington 1976-1981

Taught courses in general ecology, limnology, animal behavior and directed  
independent student research projects.

Independent Consultant specializing in water quality and toxicology 1981- 2006

Stream rehabilitation studies for the City of Bellingham, Washington.

Hydropower studies: evaluated invertebrate and fish populations.

Water quality of Drayton Harbor and the agricultural streams feeding it. Study  
done for Semiahmoo Corporation.

Investigations of the effects of sewage sludge on dairies: WA State and Missouri  
Report on mercury in Lake Whatcom, Bellingham, WA for Georgia Pacific Corp.

Three studies and reports on mercury and other heavy metals in surface and  
groundwater in Lewis County, Washington.

Studies on the effects of methylmercury and cadmium in septage contaminated  
groundwater on my horses at different locations in Western Washington.

Moved to Pilot Point Texas in 2006.

Ray LeRoy PhD had me take over his horse hair testing business as he was too busy with producing One-AC. I named my business Beyond Nutrition. I started with a study of nonsweating vs. sweating horses on various feeds and the Albion Multi-Pak.

When that study and report were finished, it was put on the One-AC website. Clients saw my report and had their horses hair tested. Those test results produced information that showed that if One-AC (dopamine) did not get horses sweating, the cause was dietary. To date most nutritionists do not accept that nonsweating has a nutritional basis. That is due to the fact that most nutritionists know little or nothing about mineral interactions.

Nutritionists also know very little about toxic metals ....especially aluminum which is a toxin for horses. Most feeds and supplements are not designed appropriately for horses according to the horse hair testing results. There is a lot of room for improvement.

The most serious threats for horses, however, are trainers, owners, and veterinarians who use illegal and toxic supplements for racehorses. Racing horse labs are an important necessity to protect racehorses from harm and exploitation.