

20 February, 2018

Rene Stucky

Kansas Corporation Commission

Conservation Division

266 N. Main St., Ste. 220

Wichita, KS 67202-1513

18-CONS-3344-CMC

2018-03-13 12:01:20

Kansas Corporation Commission

/s/ Lynn M. Retz

Received
KANSAS CORPORATION COMMISSION

FEB 23 2018

CONSERVATION DIVISION
WICHITA, KS

Dear Mr. Stucky:

In reply to the Notice published by H & D Exploration LLC. in the Great Bend Tribune on February 9, 2018, I am writing to ask that the KCC deny the application filed by H & D Exploration LLC. to authorize the disposal of saltwater into the Arbuckle formation at the **Doonan A Lease and Well No. 2** 1520 FNL 2334 FWL; located in the NW/4 of the Sec. 28 Twp. 18S R 13W Barton County, KS, with a maximum operating O psig, and a maximum injection rate of 2500 bbls per day.

As a resident citizen of Kansas, I have several concerns:

Foremost, for the effects that this disposal process will have on the delicate balance of the fragile ecosystem of the Cheyenne Bottoms Wildlife Refuge since the well is located in near proximity about 3 miles west (as the crow flies) to the Wildlife refuge.

Not only is the Cheyenne Bottoms Wildlife Preserve the largest such natural resource in Kansas, it is also the largest such wetlands in the Great Plains and the interior United States, occupying approximately 41,000 acres. Cheyenne Bottoms provides habitat and food for mammals such as beaver, mink, muskrat; habitat and food for migrating birds and habitat and food for such threatened and endangered species as Bald Eagles, Interior Least Terns, Piping Plovers, and Whooping Cranes. The Whooping Cranes have been determined to be of such note and importance that sections of Cheyenne Bottoms are closed to visitors when the Cranes are present.

Additionally, for the effect that this disposal process will have in terms of waste, violation of correlative rights and pollution of these specific marshes and related surface and ground waters – tributaries, rivers, basins-- connected to the area is terrifying in its potential. Cheyenne Bottoms is also located fairly centrally to county-wide agricultural lands and livestock grazing lands in Barton County which rely on fresh surface and ground waters resources throughout this area. In terms of fresh water resources for the human citizens of Kansas, this wellsite is approximately 15 miles north of the city of Great Bend's water reservoirs and about 8 miles north from the Arkansas River. The Arkansas River travels about 1,469 miles from its origin near Leadville, Colorado, through Kansas and into Oklahoma to its confluence with the Mississippi River at Napoleon, Arkansas. In Kansas, on June 3, 2016, a 192-mile portion of the River was designated as a National Water Trail – the trail beginning in Great Bend and ending at the Kansas-Oklahoma border southeast of Arkansas City.

Additionally, for the past three years, Barton County has experience at least one major earthquake per year resulting from induced seismicity related to enhanced oil recovery processes. To be specific, on Nov. 12, 2014 a 4.8M quake (centered approximately 8 miles south of Conway Springs in Sumner County, KS) shook all of Barton County and was felt throughout Kansas, Oklahoma, and Arkansas. On Nov. 15, 2015 Barton County was again among areas in the High Plains shaken by a 4.7M quake (centered 9 miles southwest of Cherokee, OK). On Feb. 13, 2016, Barton County once again was shaken by a 5.1M quake (centered 17 miles northwest of Fairview, OK).

Related fracturing and resultant leakage of saltwater from such a proposed disposal well could further damage both the Cheyenne Bottoms ecosystem and the fresh water resources of Barton County listed above.

For the reasons stated above, which specifically address causes of waste, violate correlative rights or pollution of these precious and fragile the natural resources of the state of Kansas, I respectfully urge the Kansas Corporation Commission to deny the application filed by H & D Exploration LLC. to authorize the disposal of saltwater into the Arbuckle formation at the **Doonan Lease A and Well No. 2** 1520 FNL 2334

FWL; located in the NW/4 of the Sec. 28 Twp. 18S R 13W Barton County, KS, with a maximum operating 0 psig, and a maximum injection rate of 2500 bbls per day.

Sincerely,


Susan Royd-Sykes
504 S. 6th St., Burlington, Ks 66839
moondrummer88@gmail.com

cc. to:

H & D Exploration
PO Box 387
Hoisington, KS 67544

Received
KANSAS CORPORATION COMMISSION

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CONSERVATION DIVISION
WICHITA, KS