



Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

April 24, 2017

Richard J. Simmers, Chief
Division of Oil and Gas Resources Management
2045 Morse Road, Building F-2
Columbus, Ohio 43229-6693
Phone: (614) 265-6922; Fax: (614) 265-6910

Mr. Larry Hughes
Harford Fair Board
14028 Fairgrounds Road
Croton, Ohio 43013-9794

RE: Surface application of Brine Resolution- For dust and ice control of private roads and similar surfaces within Hartford Fairgrounds property at 14028 Fairgrounds Road, Croton, Ohio.

Dr. Mr. Hughes:

On March 27, 2016, the Division of Oil and Gas Resources Management received a copy of the resolution adopted by the **Licking County Commissioners** approving your plan for the spreading of brine on the above referenced property. The Division has determined that the plan, as approved, complies with the requirements of O.R.C. chapter 1509 and the Division rules. This plan expires one year (**March 23, 2018**) from the date in which the County Commissioners passed the resolution and must be renewed each year by the County Commissioners to remain in effect.

Enclosed is Form 15: "Surface Application Annual Report". Section 1509.226 (F) of the Ohio Revised Code requires that person who have filed plans for brine application file this report annually with the Division of Oil and Gas Resources Management. Please duplicate the form as needed. This report is due on or before April 15.

If you have any questions regarding this matter, please feel free to contact me at (614) 265-6933.

Sincerely,

A handwritten signature in black ink that reads "Kenny Brown".

Kenny Brown
Geologist
Underground Injection Control Section
Division of Oil and Gas Resources Management
2045 Morse Road, Bldg. F-2
Columbus, Ohio 43229-6693

Cc: Licking County Commissioners
North West Regional Office
File

**Spreading Resolutions
Checklist**

Resolution submitted by:

County: LICKING

Township: _____

Other (specify): PRIVATE --BRINE SPREADING-- NEW

Date passed: 03 /23 /2017 **Date submitted:** 03 /27 /2017

Public hearing held? (circle one) Yes or No **Date held:** 03 /23 /2017

Resolution (circle one) allows/prohibits spreading.

Minimum statutory requirements met: (circle one) Yes or No

If No, list the requirements not met and date response was sent to applicant: / /

Special conditions added to the resolution:

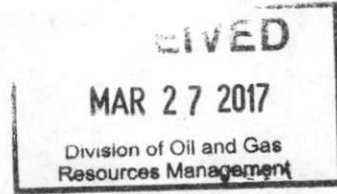
BRINE TO PRIVATE ROADS AND SIMILAR SURFACES AT
HARTFORD FAIR GROUND PROPERTY, 14028 FAIRGROUNDS RD,
CROTON, OH 43013

TRANSPORTER: KNOX ENERGY, UIC #354
SOURCE OF BRINE: BRINE HAULED BY KNOX ENERGY
FREQUENCY: BASED ON WEATHER

Resolution reviewed by:  **Date:** 4/24/2017

RESOLUTION

IN THE MATTER OF APPROVING BRINE PLAN #2-2017 – THE OLEN CORPORATION



BE IT RESOLVED by the Board of County Commissioners, County of Licking, State of Ohio:

That we do hereby approve Brine Plan #2-2017 with Hartford Fair, 14028 Fairgrounds Rd., Croton, OH 43013-9794 for the application of brine (roads and/or stockpiles) pursuant to Chapter 1509 of the Ohio Revised Code and as adopted by Resolution #69-86 (County Commissioners Journal). The plan is on file in the Office of the Licking County Commissioners and copy to be submitted to the Chief of Oil and Gas through the Department of Oil and Gas through the Department of Natural Resources. A \$50.00 fee for the application is on file with the Board of County Commissioners.

Motion by BUBB seconded by BLACK

that the resolution be adopted was carried by the following vote:

YEAS: * [Signature] * [Signature]
NAYS: * *

CC: Michael L. Smith FILE
ODNR-Div. Oil & Gas Hartford Fair

Duane H. Flowers
Rick Black
Timothy E. Bubb

Adopted: March 23, 2017
Beverly Adzie, Clerk/Administrator

87-554
2-2017

2017 WRITTEN PLAN FOR THE SURFACE APPLICATION OF BRINE FOR PURPOSES OF ICE AND DUST CONTROL UPON PRIVATE ROADS OR SIMILAR SURFACES.

TO: Board of County Commissioners
Licking County
Newark, Ohio 43055

FROM: Hartford Fair
14028 Fairgrounds Road
Croton, OH 43013-9794

1) The surface application of brine shall be subject to the following standards:

- A. "Brine" shall mean all saline geological formation water resulting, obtained, or produced in connection with the exploration, drilling, or production of oil or gas.
- B. Surface application of brine is permitted only for the purposes of dust or ice control.
- C. Brine shall not be applied:
 - 1. To a water-saturated surface;
 - 2. Directly to vegetation near or adjacent to surfaces being treated;
 - 3. Within twelve feet of structures crossing bodies of water or crossing drainage ditches;
 - 4. Between sundown and sunrise, except for ice control.

2) Sources of brine:
Knox Energy, Inc. UIC-354

3) Transporters of brine:
Name: Knox Energy, Inc.
Address: P.O. Box 215
Gratiot, Ohio 43740

Registration Certificate Number: UIC-354

4) Places to which brine will be applied:

To private roads or similar surfaces within the property boundaries known as the Hartford Fairgrounds 14028 Fairgrounds Road, Croton, OH Hartford Twp., Licking Co. to include parking lots and drives for the purpose of dust control.

5) **Method, rate, and frequency of application:**

- A. The discharge of brine through the spreader bar shall stop when the application stops.
- B. The applicator vehicle shall be moving at least five miles per hour at all times while the brine is being applied.
- C. The maximum spreader bar nozzle opening shall be three-quarters of an inch in diameter.
- D. The maximum uniform application rate of brine shall be three thousand gallons per mile on a twelve foot wide road or three gallons per sixty square feet on unpaved lots.
- E. The applicator vehicle discharge valve shall be closed between the brine collection point and the specific surfaces that have been approved for brine application.
- F. Any valves that provide for tank drainage other than through the spreader bar shall be closed during the brine application and transport.
- G. The angle of discharge from the applicator vehicle spreader bar shall not be greater than sixty degrees from the perpendicular to the unpaved surface.
- H. Only the last twenty-five percent of an applicator vehicle's contents shall be allowed to have a pressure greater than atmospheric pressure; therefore, the first seventy-five percent of the applicator vehicle's contents shall be discharged under atmospheric pressure.
- I. Frequency of application: Dependent upon weather conditions, estimated application would be; light to no rainfall surface application once every 10 days, medium rainfall surface application once every two weeks, over-all average application would be twice a month.

6) **OTHER TERMS AND CONDITIONS:** _____

Submitted by: Larry C. Hughes.

Date 3-6-17

III. BRINE HAULERS:

	NAME	REGISTRATION NUMBER
1)	<u>Knox Energy</u>	<u>UIC-354</u>
2)	_____	_____
3)	_____	_____
4)	_____	_____
5)	_____	_____

IV. SOURCES:

Permit #	Well Owner Name	County/Township	Quantities (Bbls.)
see attached	Knox Energy	/	883
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INSTRUCTIONS:

- Item I. Supply requested information. The name must be supplied by the person(s), company or government unit that is responsible for the maintenance of the road(s) to which brine has been applied.
- Item II. Supply county, township, and actual point of application of brine. A barrel equals 42 U.S. gallons.
- Item III. Hauler(s) name and registration number(s) must be listed if a hauler is used to apply brine to roads. If the county, township, or municipality uses it own vehicles to apply brine, it need not list hauler numbers; however, if hauler delivers the brine to a holding tank prior to application, the hauler's name and registration number must be listed.
- Item IV. Supply requested information for each point from which brine was collected and eventually used for surface application.

NOTE: Additional sheets, if necessary, may be attached.

Authorized by: Larry Hughes Title: Secretary/Manager

Date: 3/6/2017

Submit to: Division of Oil and Gas Resources Management, 2045 Morse Rd., Bldg. F2, Columbus, OH 43229-6693

RECEIVED
MAR 08 2017
DIVISION OF OIL & GAS

Total=883

SOURCES

BRINE HAULER: KNOX ENERGY, INC. REGISTRATION # UIC-354

OWNER	COUNTY	WELL	PERMIT	BBLs	DATE	DISPOSAL
Dave Hill	Licking	Breymaier	6054	70.0	7/22/2016	Licking, Hartford Fair
Knox Energy	Knox	SMALL, R UN. #1-3628	4524	70.0	7/22/2016	Licking, Hartford Fair
Knox Energy	Knox	MCDEVITT UNIT #1-3551	4488	70.0	7/22/2016	Licking, Hartford Fair
Dave Hill	Licking	Breymaier	6054	70.0	7/27/2016	Licking, Hartford Fair
Knox Energy	Knox	SPEARMAN TRUST UN. #1-3683	4580	70.0	7/27/2016	Licking, Hartford Fair
Knox Energy	Knox	HOFFMAN, L #1-3137	1711	47.0	7/27/2016	Licking, Hartford Fair
Knox Energy	Knox	MARTIN, FORREST #1-3138	1698	23.0	7/27/2016	Licking, Hartford Fair
Knox Energy	Knox	WAGNER #3-3333	4326	70.0	7/27/2016	Licking, Hartford Fair
Knox Energy	Licking	BRUCE FARMS-SMITH UNIT #1-36	6073	47.0	8/3/2016	Licking, Hartford Fair
Knox Energy	Licking	HI-LO FARMS #1-3531	6035	23.0	8/3/2016	Licking, Hartford Fair
Knox Energy	Knox	WATSON, D #3-3640	4534	48.0	8/3/2016	Licking, Hartford Fair
Knox Energy	Knox	WATSON, D# 1-3624	4529	7.0	8/3/2016	Licking, Hartford Fair
Dave Hill	Licking	Breymaier	6054	70.0	8/4/2016	Licking, Hartford Fair
Knox Energy	Knox	White, R. #1-3764	4616	58.0	8/4/2016	Licking, Hartford Fair
Knox Energy	Knox	WAGNER #3-3333	4326	70.0	8/4/2016	Licking, Hartford Fair
Dave Hill	Licking	Breymaier	6054	70.0	8/10/2016	Licking, Hartford Fair
				883.0		