



# Ohio Department of Natural Resources

JOHN R. KASICH, GOVERNOR

JAMES ZEHRINGER, DIRECTOR

*Richard J. Simmers, Chief*  
Division of Oil and Gas Resources Management  
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Phone: (614) 265-6922, Fax: (614) 265-6910

## **ORDER BY THE CHIEF**

January 8, 2014

**ORDER NO. 2014-18**

**TO: Kleese Development Associates**  
**103 West Market Street, 3rd Floor**  
**Warren, Ohio 44481**

**RE: API # 34-155-23196-00-00**  
**Natale Well No. 1**  
**SWIW No. 28**  
**Trumbull County, Warren Township**

**SUBJECT: Permit To Inject Brine or Other Waste Substances Pursuant To R.C.**  
**1509.22(D)**

Pursuant to Ohio Revised Code Section 1509.22 and Ohio Administrative Code 1501:9-03-06(H), the Chief of the Division of Oil and Gas Resources Management (“Chief” or “Division”) makes the following Findings and issues the following Orders:

### **BACKGROUND**

- (1) Pursuant to R.C. 1509.05, 1509.06, and R.C. 1509.22(D), on February 1, 2013 the Division issued to Kleese Development Associates API #34-155-23196-00-00, a permit authorizing the conversion of the Natale No. 1 Well to a saltwater injection well.
- (2) On December 4, 2013, the Division received written notification Kleese that the company was prepared to commence injection operations at the Natale No. 1 saltwater injection well, pursuant to Construction Condition No. 11 in API #34-155-23196-00-00.
- (3) Ohio Administrative Code 1501:9-3-07(D) sets forth the methods by which the maximum allowable injection pressure for any injection well shall be determined, including “(2) [a] formula or test found to be accurate as applied to the facts presented in an application and approved by the Division.”

- (4) On December 4, 2013, the Division also received from Kleese Development Associates an application to modify the maximum allowable injection pressure of the Natale #1 saltwater injection well, which included a laboratory analysis of the injection fluid. The specific gravity analysis was performed pursuant to Ohio Adm.Code 1501:9-03-07(D)(2). Kleese Development Associates' request to modify its permit to increase the maximum allowable injection pressure to 1070 psi was based on the analytical results of the specific gravity analysis, which established the actual specific gravity of the injection fluid to be 1.10.

### **FINDINGS**

- (1) The Natale No. 1 saltwater injection well complies with the requirements of R.C. 1509.22 and Ohio Adm.Code 1501:9-3, is not in violation of law, does not jeopardize public health or safety, and is in accordance with good conservation practices.
- (2) The specific gravity analysis of the fluid to be injected into the Natale #1 saltwater injection well is accurate as applied to the facts presented in the application submitted by Kleese Development Associates in accordance with Ohio Adm.Code 1501:9-3-07(D)(2). Based on this finding, the specific gravity analysis is approved, and the maximum allowable injection pressure should be increased to a level that is based on the actual specific gravity of the injection fluid.

### **ORDERS**

#### **IT IS HEREBY ORDERED:**

Pursuant to R.C. 1509.22(D) and Ohio Adm.Code 1501:9-03-06(H)(3), Kleese is authorized to operate the Natale #1 saltwater injection well in accordance with all of the following operational conditions:

- (1) No liquids or waste matter from any source other than saltwater, as that term is defined in Ohio Adm.Code 1501:9-3-01(E), may be injected into this well.
- (2) All fluids must be stored in approved tanks and allowed to settle before injection.
- (3) Surface injection pressure shall not exceed 1070 psi.

- (4) A Murphy Switch or other cut-off switch device must be in-line with the injection pump and set at the maximum allowable surface injection pressure of 1070 psi, so that the pump will automatically shut-down upon exceeding 1070 psi.
- (5) The annulus between the injection tubing and the 4-1/2" production casing must be monitored continuously as described in paragraph (6) of this Order. If such monitoring indicates a leak in the casing, tubing, or packer, the well must be immediately shut down and the applicable Division inspector and the Division's Underground Injection Control ("UIC") section must be notified at (614) 265-1032.
- (6) All injection pressures and annulus pressures must be continuously recorded on a tamper-proof continuous recording device such as a two-pen recorder or other digital recording device. These monitoring records shall be available to the Division, upon request.
- (7) Injection pressures and volumes must be monitored on a daily operational basis with average and maximum injection pressures and volumes compiled and recorded on a monthly basis and filed annually with the Division.
- (8) Results of the monitoring required in paragraphs (5) and (7) above must be filed with the Division annually on Form 204. This report is due no later than 45 days after the last day of each calendar year.
- (9) Any proposed changes in the operational conditions authorized by this Order must be requested in writing to the Division's UIC section.
- (10) Upon discontinuance of injection operations, the owner/operator must apply for a permit to plug and abandon the well as set forth in Ohio Adm.Code 1501:9-3-07(K). The well must be plugged and abandoned within 60 days after discontinuance of operations.
- (11) The fee levied under R.C. 1509.22(H) (1) shall be paid to the Division no later than 30 days after the end of each quarter of a calendar year.
- (12) The owner or operator of the Natale No. 1 saltwater injection well shall comply with all other requirements established in R.C. Chapter 1509 and Ohio Adm.Code 1501:9-3.

1-8-14  
\_\_\_\_\_  
Date

 **DEPUTY CHIEF**  
\_\_\_\_\_  
RICHARD J. SIMMERS, Chief  
Division of Oil and Gas Resources Management

Addressee is hereby notified that this action is final and effective and may be appealed pursuant to Section 1509.36 of the Ohio Revised Code. If the Order is appealed to the Ohio Oil and Gas Commission, the appeal must be in writing and must set forth the orders complained of and the grounds upon which the appeal is based. Such appeal must be filed with the Oil and Gas Commission within thirty (30) days after the receipt of this order at the following address: Oil and Gas Commission, 2045 Morse Road, H-3, Columbus, Ohio 43229.

In addition, within three (3) days after the appeal is filed with the Oil and Gas Commission, notice of the filing of the appeal must be filed with Richard J. Simmers, Chief of the Division of Oil and Gas Resources Management, Building F-2, 2045 Morse Road, Columbus, Ohio 43229-6633.

cc: Steve Ochs, MRI  
Surety File  
Well File  
Legal File

CERTIFIED MAIL NO.

91 7108 2133 3936 3071 9583