

LINN ENGINEERING, INC.534 MARKET STREET
ZANESVILLE, OHIO 43701**LETTER OF TRANSMITTAL****(740) 452-7434****FAX (740) 452-5198**

TO DEPARTMENT OF OIL & GAS RESOURCES

2045 MORSE ROAD, BUILDING F-2

COLUMBUS OH 43229

DATE	05/30/2014	JOB NO.
ATTENTION	BLAKE ARTHUR	
RE	E & R ENERGY SERVICES, LLC	

WE ARE SENDING YOU:

☐ PLANS☐ PRINTS☐ DRAWINGS☐ COPY OF LETTER☐ CHANGE ORDER☐ SPECIFICATIONS☐ SAMPLES☒ OTHER _____

COPIES	DATE	DESCRIPTION
1	05/30/2014	APPLICATION TO OPERATE A FACILITY - 8645 EAST PIKE, NORWICH, OH 43767

THESE ARE TRANSMITTED as checked below:

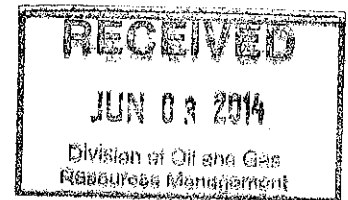
☒ For Approval☐ Approved as Submitted☐ Resubmitted _____ Copies for approval☐ For your use☐ Approved as Noted☐ Prints Returned after Loan to Us☐ As Requested☐ Returned for corrections☐ For Bids Due _____☐ For review and comment☐ _____

Remarks: _____

COPY TO: E & R ENERGY SERVICES, LLCSIGNED: JODI MASTERS FOR TIM LINN

If enclosures are not as noted, kindly notify us at once.

APPLICATION TO OPERATE A FACILITY
OHIO DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS RESOURCES MANAGEMENT
2045 MORSE ROAD, BUILDING F-2
COLUMBUS, OHIO 43229-6693
(614) 265-6922



1. Name of Applicant: <u>E & R Energy Services, LLC</u>		Phone #: <u>740-624-9424</u>
Address: <u>813 Westbourne Ave., Zaneville, Ohio 43701</u>		
Date: _____		eMail Address: <u>jeltringham@gmail.com</u>
For an Order or a Permit to Operate: <input type="checkbox"/> Existing Facility <input checked="" type="checkbox"/> New Facility		
2. PURPOSE OF FACILITY: <input checked="" type="checkbox"/> Storage <input checked="" type="checkbox"/> Recycling <input checked="" type="checkbox"/> Treatment (Check all that Apply) <input checked="" type="checkbox"/> Processing <input type="checkbox"/> Disposal		
3. TYPE OF MATERIAL: <input checked="" type="checkbox"/> Brine <input type="checkbox"/> Drill Cuttings <input checked="" type="checkbox"/> Drilling Mud <input checked="" type="checkbox"/> Other Waste Substance (explain) <u>flowback</u>		
4. If a Business Entity, list the statutory agent and include a certified copy of their appointment: Name: <u>Jon M. Eltringham, Jr.</u> Address: <u>813 Westbourne Ave., Zanesville, Ohio 43701</u>		
5. Engineer of Record: Name: <u>Linn Engineering, Inc.</u> Address: <u>534 Market St., Zanesville, Ohio 43701</u> Ohio Professional Engineering License Number: <u>Timothy H. Linn, PE #48645</u>		
6. Address of Facility: Address: <u>8645 East Pike, Norwich, Ohio 43767</u> County: <u>Muskingum</u> Township: <u>Perry</u> Municipal Corporation: <u>N/A</u> Latitude: <u>39.976944</u> Longitude: <u>81.832222</u>		
7. Write a brief description of the facility and operations: <u>See attached description.</u>		
8. Include all information as set forth in the "Guidelines for Application for Chief's Order". Attach Additional Documents		

I, the undersigned, being first duly sworn, depose and state under penalties of law, that I am authorized to make this application, that this application was prepared by me or under my supervision and direction, and that the facts stated herein are true, correct, and complete, to the best of my knowledge.

I certify that the facility will comply with or is currently in compliance with all provisions of Chapter 1509 ORC, Chapter 1501 OAC, and all terms and conditions of orders and permits issued by the Chief, Division of Oil and Gas Resources Management.

Signature of Authorized Agent _____

Name (Type or Print) Jon M. Eltringham, Jr.

Title Operations manager

Sworn to and subscribed before me this the may day of 30, 2014.



JODI L. MASTERS
Notary Public, State of Ohio
My Commission Expires
November 9, 2015

Jodi L. Masters
(Notary Public)

November 9, 2015
(Date Commission Expires)

E& R Energy Services, LLC
Norwich Water and Material Handling Facility

Description of Facility and Operations

The Norwich Water Processing Facility accepts drilling water that has been rejected for injection due to excessive solids content. This water is treated by settling and is temporarily stored until ready for off-site disposal. The facility also cleans and removes excessive sediment from the tanks of delivery trucks. All accumulated water and sediments are held in frac and/or flowback tanks that are within a secondary containment area. Decanted water is conveyed by pumping or gravity to a holding impoundment (Dirty Pond), which has a single 50 mil geomembrane liner and is not designed to discharge. Trucks draw water from this impoundment and transport it for off-site disposal. Uncontaminated surface water is collected in a separate impoundment (Clean Pond), which is unlined and designed to discharge. Trucks may draw water from this impoundment to return to the well site. Sediments accumulated in the frac and flowback tanks are removed by a hydrovac truck, which discharges them into a roll-off container for solidification. Solidified material is then transported to an approved off-site landfill for disposal.