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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304  
(304) 926-0450  
fax: (304) 926-0452

Jim Justice, Governor  
Austin Caperton, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

December 8, 2017

Lewis Camden, LLC  
Attn: Jamie Andrews  
PO Box 470  
Bridgeport, WV 26330

Re: Approval of Stream Monitoring Points 2D04103175003

Dear Mr. Andrews:

The planned stream monitoring points you provided as a condition of UIC Permit number 2D04103175003 have been approved. Authorization is granted to proceed with sampling on a nine month schedule with the results reported to the WVDEP Office of Oil and Gas. The samples shall be analyzed for: pH, Specific Gravity, Barium, Specific Conductance, Iron, Magnesium, Chloride, Dissolved Oxygen, Manganese, Total Dissolved Solids, Hydrogen Sulfide, Sodium, Alkalinity, Hardness, and Total Organic Carbon.

If you have any questions then please feel free to contact Justin Nottingham via email at [Justin.E.Nottingham@wv.gov](mailto:Justin.E.Nottingham@wv.gov) or by phone at (304) 926-0499 ext. 1650.

Respectfully,

Melanie Hankins  
Environmental Resources Specialist  
WVDEP Office of Oil & Gas

**UIC WELL  
UIC2D0413175  
WATER MONITORING SITES**



ANGLE RIGHT LAND SURVEYING, LLC  
1584 ROAD FORK ROAD  
GRANTSVILLE, WV 26147  
(304) 354-0065

170621

**OPERATOR**

LEWIS CAMDEN, LLC.  
P.O. BOX 470  
BRIDGEPORT, WV 26330

**TOPO SECTION**

CAMDEN 7.5

**SCALE:**

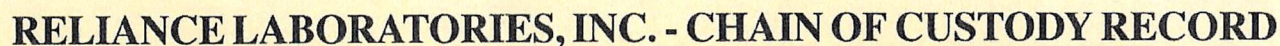
1"=1000'

**WELL NAME**

LAW SWS SWD 1  
47-041-03175

**DATE:**

12/05/2017



- ☐ RIDGEFIELD BUSINESS CENTER  
25 CRIMSON CIRCLE  
MARTINSBURG, WV 25403  
TEL. (304) 596-2084 • FAX (304) 596-2086

NAME Angle Right Land Survey  
15841 Road Fork Rd Grantsville

FAX #

E-MAIL

**\*PROJECT/REMARKS**

O 1 DO NOT MEET USEPA GUIDELINES FOR HOLDING TIMES  
O 2 DO NOT MEET USEPA GUIDELINES FOR CHEMICAL PRESERVATIVES  
O 1 DO NOT MEET USEPA GUIDELINES FOR SAMPLE CONTAINERS  
RE 1 ARE NOT FOR REGULATORY COMPLIANCE PURPOSES

TIME:

SIGN:

PWS#

☐ **RUSH STATUS** (INITIAL ACCEPTANCE \_\_\_\_\_)

\*\*\* ADDITIONAL LABORATORY FEES MAY APPLY\*\*\*

### EXTENT OF LIABILITY

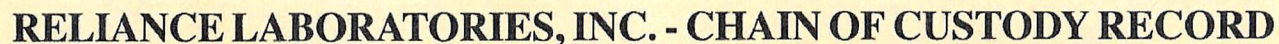
SHOULD RELIANCE LABORATORIES, INC. BE AT FAULT AND ANY DISPUTE ARISE REGARDING ANALYTICAL DATA GENERATED BY THE LABORATORY, THE EXTENT OF THE LIABILITY TO RELIANCE WILL BE A DUPLICATE ANALYSIS OF THAT SAMPLE (PROVIDING ADEQUATE SAMPLE REMAINS) OR A REFUND OF THE ANALYTICAL FEE. IN NO EVENT WILL RELIANCE LABORATORIES BE LIABLE FOR DAMAGES INCLUDING BUT NOT LIMITED TO DIRECT, INDIRECT OR CONSEQUENTIAL DAMAGES ARISING FROM SUCH DISPUTE.

**NOTE:** TYPICAL SAMPLE TURN AROUND FOR ROUTINE SAMPLES IS 5 TO 10 WORKING DAYS. THIS IS NOT A GUARANTEE THAT SAMPLES WILL BE COMPLETED IN THIS TIME FRAME. HOWEVER, NON-ROUTINE SAMPLES MAY REQUIRE ADDITIONAL TIME.

\* TO BE COMPLETED BY CLIENT

ORIGINAL CHAIN OF CUSTODY DOCUMENT MUST BE EXECUTED IN INK

WHITE - LABORATORY      YELLOW - CLIENT



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MARTINSBURG, WV 25403  
TEL. (304) 596-2084 • FAX (304) 596-2086

R # \_\_\_\_\_ \*TEL. # \_\_\_\_\_ FAX # \_\_\_\_\_  
(S) \_\_\_\_\_ E-MAIL \_\_\_\_\_

SHEET NO. OF

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REMARKS: SWSSWD PWS#

WEATHER/TEMPERATURE:

☐ **RUSH STATUS** (INITIAL ACCEPTANCE \_\_\_\_\_)

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ORIGINAL CHAIN OF CUSTODY DOCUMENT MUST BE EXECUTED IN INK

WHITE - LABORATORY      YELLOW - CLIENT

## Hankins, Melanie S

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**From:** Jamie Andrews <jandrews@mountainvoilandgas.com>  
**Sent:** Tuesday, December 05, 2017 10:36 AM  
**To:** Hankins, Melanie S  
**Cc:** Nottingham, Justin E; smshaver@earthlink.net; Mark Hackett; Carl Starr  
**Subject:** RE: Law UIC2D04103175003 Certification Document  
**Attachments:** Stream Monitoring Maps.pdf; Chain of Custody for Stream Monitoring Points.pdf; Chain of Custody for Injection Fluids.pdf

**Importance:** High

Melanie,

Please see attached the following pursuant to permit requirements for UIC2D0413175003:

1. Map illustrating the Stream Monitoring spots required for water sampling every 9 months.
2. Chain of custody for the stream samples listed above, and for the injected fluids.

Upon receipt of the sample analysis results, I will promptly forward onto your department.

Please confirm this satisfies the permit requirements of section B-7 and B-15 of the permit.

Thank you

### **Jamie Andrews**

Land & Business Development  
Mountain V Oil & Gas, Inc.  
304.842.6320 ext. 107 (O)  
304.203.7555 (C)

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**From:** Hankins, Melanie S [mailto:Melanie.S.Hankins@wv.gov]  
**Sent:** Monday, November 27, 2017 1:28 PM  
**To:** Jamie Andrews <jandrews@mountainvoilandgas.com>  
**Subject:** RE: Law UIC2D04103175003 Certification Document

This copy is perfect. Thank you!

*Melanie S. Hankins*

Environmental Resources Specialist  
**West Virginia Department of Environmental Protection**  
**Office of Oil & Gas**  
601 57<sup>th</sup> St. SE  
Charleston, WV 25304  
(304) 926-0499 ext. 1649  
(304) 926-0452 fax

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**From:** Jamie Andrews [mailto:jandrews@mountainvoilandgas.com]  
**Sent:** Monday, November 27, 2017 12:19 PM

**To:** Nottingham, Justin E <[Justin.E.Nottingham@wv.gov](mailto:Justin.E.Nottingham@wv.gov)>; Hankins, Melanie S <[Melanie.S.Hankins@wv.gov](mailto:Melanie.S.Hankins@wv.gov)>

**Subject:** Law UIC2D04103175003 Certification Document

**Importance:** High

Melanie,

Do you need original or will this be sufficient?

Thanks

**Jamie Andrews**

Land & Business Development

Mountain V Oil & Gas, Inc.

304.842.6320 ext. 107 (O)

304.203.7555 (C)