**west virginia** department of environmental protection

Office of Oil and Gas
601 57th Street SE
Charleston, WV 25304
(304) 926-0450
(304) 926-0452 fax

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

September 30, 2015

**WELL WORK PERMIT**

**Horizontal 6A Well**

This permit, API Well Number: 47-5101862, issued to CHEVRON APPALACHIA, LLC, is evidence of permission granted to perform the specified well work at the location described on the attached pages and located on the attached plat, subject to the provisions of Chapter 22 of the West Virginia Code of 1931, as amended, and all rules and regulations promulgated thereunder, and to all conditions and provisions outlined in the pages attached hereto. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations, and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Spills or emergency discharges must be promptly reported by the operator to 1-800-642-3074 and to the Oil and Gas inspector.

Please be advised that form WR-35, Well Operators Report of Well Work is to be submitted to this office within 90 days completion of permitted well work, as should form WR-34 Discharge Monitoring Report within 30 days of discharge of pits, if applicable. Failure to abide by all statutory and regulatory provisions governing all duties and operations hereunder may result in suspension or revocation of this permit and, in addition, may result in civil and/or criminal penalties being imposed upon the operators.

In addition to the applicable requirements of this permit, and the statutes and rules governing oil and gas activity in WV, this permit may contain specific conditions which must be followed. Permit conditions are attached to this cover letter.

Per 35CSR-4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926-0499 ext. 1654.

James Martin
Chief

Operator's Well No: 10H
Farm Name: CHEVRON USA INC
**API Well Number: 47-5101862**
**Permit Type: Horizontal 6A Well**
Date Issued: 09/30/2015

**Promoting a healthy environment.**

API Number: 51-0862

# PERMIT CONDITIONS

West Virginia Code § 22-6A-8(d) allows the Office of Oil and Gas to place specific conditions upon this permit. Permit conditions have the same effect as law. Failure to adhere to the specified permit conditions may result in enforcement action.

## CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.

2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.

3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.

4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.

5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations,* 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.

6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.

7. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.

8. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.

9. Operator shall provide the Office of Oil & Gas notification of the date that drilling commenced on this well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov within 30 days of commencement of drilling.

west virginia department of environmental protection

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(304) 926-0450 fax (304) 926-0452

Earl Ray Tomblin, Governor
Randy C. Huffman, Cabinet Secretary
www.dep.wv.gov

# ORDER
# ISSUED UNDER
# WEST VIRGINIA CODE, CHAPTER 22, ARTICLE 6A

TO: Chevron Appalachia, LLC
800 Mountain View Drive
Smithfield PA, 15478

DATE: September 25, 2015
ORDER NO.: 2015-W-10

## INTRODUCTION

This Order (hereinafter "Order") is issued by the Office of Oil and Gas (hereinafter "OOG"), by and through its Chief, pursuant to the authority of W. Va. Code §§ 22-1-1, 22-6-1 and 22-6A-1 *et seq.* to Chevron Appalachia LLC (hereinafter "Chevron" or "Operator"), collectively the "Parties."

## FINDINGS OF THE CHIEF

In support of this Order, the Chief hereby finds the following:

1. OOG, an office within the West Virginia Department of Environmental Protection, is the agency with the duty and authority to execute and enforce W. Va. Code §22-6-1 and §22-6A-1 *et seq.*, and the rules and regulations promulgated thereunder.

2. Chevron is a "person" as defined by W. Va. Code §22-6-1(n), with a corporate address as 800 Mountain View Drive, Smithfield, Pennsylvania.

3. On July 14, 2015, Chevron submitted well work permit applications identified as API#s 47-051-01861, 47-051-01862 and 47-051-01863. The three proposed wells are to be located on the Hostutler Pad in Clay District of Marshall County, West Virginia.

4. On July 14, 2015, Chevron requested a waiver for Wetland #2, Wetland #3 and UNT (Unnamed Tributary) 3 to Grave Creek as outlined in Attachment 1, from well location restriction requirements in W. Va. Code §22-6A-12(b) for well work permit applications identified as 47-051-01861, 47-051-01862 and 47-051-01863.

## CONCLUSIONS OF LAW

1. West Virginia Code §22-1-6(d) requires, in part, that "[i]n addition to other powers, duties and responsibilities granted and assigned to the secretary by this chapter, the secretary is authorized and empowered to...(3) Enter private lands to make surveys and inspections for environmental protection purposes; to investigate for violations of statutes or rules which the Office of Oil and Gas is charged with enforcing; to serve and execute warrants and processes; to make arrests; issue orders, which for the purposes of this chapter include consent agreements; and to otherwise enforce the statutes or rules which the Office of Oil and Gas is charged with enforcing."

2. West Virginia Code §22-6A-2(a)(6) requires, in part, that "Concomitant with the broad powers to condition the issuance of well work permits, the secretary should also have broad authority to waive certain minimum requirements of this article when, in his or her discretion, such waiver is appropriate: *Provided*, That the secretary shall submit a written report of the number of waivers granted to the Legislature commencing January 1, 2013, and each year thereafter."

3. West Virginia Code §22-6A-12(b) requires, in part, that "[n]o well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the Office of Oil and Gas shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The Office of Oil and Gas may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary."

## ORDER

West Virginia Code §22-6A-12(b) requires, in part, that "[n]o well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland. The Office of Oil and Gas grants the request for a waiver for Wetland #2, Wetland #3 and UNT 3 to Grave Creek from well location restriction requirements in W. Va. Code §22-6A-12(b) for well work permit applications identified as API#s 47-051-01861, 47-051-01862 and 47-051-01863. The Office of Oil and Gas hereby **ORDERS** that Chevron shall meet the following site construction and operational requirements for the Hostutler well pad:

a. A berm shall be constructed around the perimeter of the pad to contain any potential spills and storm water runoff. Berm is to be at least a eighteen inches (18") in height;
b. Filter/silt socks shall be installed on all slopes and down gradient locations of the pad and topsoil pile areas as erosion and sediment controlling BMPs;
c. Wetland #2 shall have a compost filter sock (cfs) trap consisting of three 32" cfs, two 24" cfs and one 18" cfs immediately adjacent to the wetland. Areas further downslope will consist of two 32" cfs and one 12" cfs;
d. Wetland #3 shall have a cfs trap consisting of two 32" cfs and one 12" cfs;
e. Disturbed areas not used for operations shall be seeded and mulched per the seeding tables in the WVDEP-OOG Erosion and Sediment Control Manual;
f. Drill cuttings and associated drilling mud shall be disposed of in a permitted landfill;
g. Waste generated by the flowback treatment systems shall be sent to offsite disposal at a permitted landfill;
h. Weekly site inspections shall be conducted to monitor and maintain the integrity of the BMP storm water controls;
i. Weekly storm water and spill prevention inspections shall be conducted focusing on storm water and spill prevention BMPs and maintenance of these BMPs;
j. Inspections of the storm water and spill prevention measures shall be conducted after any major storm event defined as a half inch (½") rain within any twenty-four (24) hour period;
k. Pad inspections shall be conducted no less than once a week to identify and mitigate potential deficiencies;
l. All records from inspections shall be maintained on site for the life of the project and be available upon request.

Thus ORDERED, the 25th day of September, 2015.

IN THE NAME OF THE STATE OF WEST VIRGINIA:

OFFICE OF OIL AND GAS
DEPARTMENT OF ENVIRONMENTAL PROTECTION
STATE OF WEST VIRGINIA

By: _____
JAMES A. MARTIN, CHIEF

4705101862

Stefan Keplinger, CPL
Surface Land Representative

Appalachian/Michigan Business Unit
Chevron North America Exploration and Production Company
A division of Chevron U.S.A. Inc.
800 Mountain View Drive
Smithfield, PA 15478
Office: 724-564-3809
Mobile: 724-699-2268
skeplinger@chevron.com

July 15, 2015

Ronald and Doris Stern
850 Falls Creek Lane
Moundsville, WV 26041

Re: Hostutler 8H, 10H, 12H Form WW-6AW – Voluntary Statement of No Objection

Dear Mr. and Mrs. Stern:

Thank you for speaking with me and Warren Wheeler, Construction Permitting Coordinator, today. As it has been each time in the past, it was a pleasure talking with you. I write this letter to confirm the contents of that conversation for the benefit of your records.

I am aware that you recently declined to sign the Form WW-6AW – Voluntary Statement of No Objection for the Hostutler 8H, 10H, and 12H wells for which Chevron is submitting permit applications to the West Virginia Department of Environmental Protection (WVDEP). Your concern was that Chevron had not tested the water from the springs and ponds on your property. You noted that Chevron sent its consultants to your property to take samples and that they had not been able to do so due to runoff from the melting snow, indicating to you that they were unable to distinguish the spring(s) from the runoff. You also noted that you had not received the results of any water testing that may have been performed. As we discussed, no water testing has been performed to date. I made you aware that the pre-drill water testing will occur *after* permits are issued and *prior to* drilling activity on the well pad, and you will receive the results of those tests conducted on your property. I also clarified that our consultants' purpose for being on your property previously was only to identify the water purveyors, not to test them. I stated to you that our consultants would be scheduled to visit your property again and confirm the location of all water purveyors on your land, including your ponds. Mr. Wheeler made the request to our consultant, GES, this afternoon and it will be set up for next week. He will notify you via telephone of their scheduled visit, and he will accompany them when they visit in order to meet with you and discuss the activity and answer any questions you may have. A following visit will be scheduled to test your water at all locations identified. Mr. Wheeler will also be present at that time. He and I will both make sure that you receive the results.

You also indicated your concern for the well pad being constructed on top of the hill above your property and anything coming down could potentially harm your property. I made you aware that Chevron has prepared a full Erosion and Sediment Control Plan, which you have

not seen. I offered to meet with you to show you that plan and to give you a full explanation; and also to drive up to Fork Ridge and show you the actual location, which offer you accepted. I also clarified that the well pad would not be constructed at the edge of the hill above your property, but further into the adjacent parcel on the far side of the high voltage power line right-of-way, which will be clearly seen when we go there in person. We have planned that meeting for the week after next to best suit your schedule.

After our conversation and with more understanding of the process and our obligations, you indicated that you would sign the Form WW-6AW – Voluntary Statement of No Objection, but that you had sent one copy of the form to the WVDEP with your letter and would need at least one more copy. I have asked our Permitting Department to send you a complete new set of the forms for the Hostutler 8H, 10H, 12H wells.

Thank you again for your time today and I look forward to meeting with you soon. I will contact you via phone early next week to solidify the date and time of our meeting week after next. In the meantime, if you have any questions not answered today on the above or this project generally, please do not hesitate to contact me using the information provided above.

Sincerely,

Stefan Keplinger
Surface Land Representative

WW-6AW
(1-12)

API NO. 47- 51 - 01962
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

# VOLUNTARY STATEMENT OF NO OBJECTION

**Instructions to Persons Named on Page WW-6A**
The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**
Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

## VOLUNTARY STATEMENT OF NO OBJECTION

I, _____, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through _____, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

| | | | | |
|---|---|---|---|---|
| State: | West Virginia | UTM NAD 83 | Easting: | 524249.85 |
| County: | Marshall | | Northing: | 4414178.02 |
| District: | Clay | Public Road Access: | | Fork Ridge Road |
| Quadrangle: | Moundsville, WV | Generally used farm name: | | Hostutler |
| Watershed: | Middle Grave Creek - Grave Creek | | | |

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

| *Please check the box that applies | FOR EXECUTION BY A NATURAL PERSON |
|---|---|
| ☐ SURFACE OWNER | Signature: Doris J Stern |
| ☐ SURFACE OWNER (Road and/or Other Disturbance) | Print Name: DORIS J STERN |
| ☐ SURFACE OWNER (Impoundments/Pits) | Date: 9-29-15 |
| ☐ COAL OWNER OR LESSEE | **FOR EXECUTION BY A CORPORATION, ETC.** |
| ☐ COAL OPERATOR | Company: _____ |
| ☒ WATER PURVEYOR | By: _____ |
| ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD | Its: _____ |
| | Signature: _____ |
| | Date: _____ |

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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Office of Oil and Gas
SEP 29 2015
WV Department of
Environmental Protection

English Customer Service USPS Mobile Register / Sign In

USPS.COM

# USPS Tracking™

Customer Service ›
Have questions? We're here to help.

Get Easy Tracking Updates ›
Sign up for My USPS.

Tracking Number: 70142120000081887599

Updated Delivery Day: Monday, July 20, 2015

## Product & Tracking Information

Postal Product:

Features:
Certified Mail™

| DATE & TIME | STATUS OF ITEM | LOCATION |
|---|---|---|
| July 21, 2015 , 9:21 am | Delivered | MOUNDSVILLE, WV 26041 |

Your item was delivered at 9:21 am on July 21, 2015 in MOUNDSVILLE, WV 26041.

| | | |
|---|---|---|
| July 20, 2015 , 10:12 am | Notice Left (No Authorized Recipient Available) | MOUNDSVILLE, WV 26041 |
| July 20, 2015 , 7:58 am | Out for Delivery | MOUNDSVILLE, WV 26041 |
| July 20, 2015 , 7:48 am | Sorting Complete | MOUNDSVILLE, WV 26041 |
| July 20, 2015 , 7:43 am | Arrived at Unit | MOUNDSVILLE, WV 26041 |
| July 18, 2015 , 6:17 pm | Departed USPS Facility | PITTSBURGH, PA 15290 |
| July 17, 2015 , 9:13 pm | Arrived at USPS Facility | PITTSBURGH, PA 15290 |

## Available Actions

Text Updates

Email Updates

## Track Another Package

Tracking (or receipt) number

Track It

## Manage Incoming Packages

Track all your packages from a dashboard.
No tracking numbers necessary.

Sign up for My USPS ›

RECEIVED
Office of Oil and Gas
JUN 24 2015
WV Department of
Environmental Protection

4705101862

DEPARTMENT OF ENVIROMENTAL PROTECTION DEPT:

I WILL NOT BE SIGNING A VOLUNTEER STATEMENT OF NO OBLIGATION LETTER PERTAINING TO CHEVON'S NATURAL GAS WELL HOSTUTLER 8-H 10 H AND 12-H PERMIT LOCATED ON FORK RIDGE ROAD MOUNDSVILLE WV.

I HAVE BEEN STOCKING 2 PONDS FOR 15 YRS TO BE USED BY MY GRAND-CHILDREN, CHILDREN, & CAMPGROUND OCCUPANTS FOR FISHING AND SWIMMING. MY GRAND-CHILDREN, WHO LIVE HERE ALSO WILL BE HAVING LIVE-STOCK FOR THEIR 4-H PROJECTS IN THE VERY NEAR FUTURE.

CHEVRON SENT OUT 2 PEOPLE TO TAKE SAMPLES AND TEST MY LAKES WATER & SEE WHERE THE SPRINGS WERE LOCATED THAT WAS FEEDING INTO THEM. THEY CAME BACK TO THE HOUSE & SAID THEY COULDN'T TELL BECAUSE OF THE SNOW RUN-OFF.

Office of Oil and Gas 4705101862
JUN 24 2015
WV Department of
Environmental Protection

To my Knowledge they also did not test my lake water and I recieved no reports as to the condition of said water.

According to the amount of fish taken out for consumption I would say we are in real good shape but I have no proof as of yet which I was told I would recieve from Chevron.

This well is being placed on top of the hill right above my property so I am sure you understand my conern. Anything coming down this hill could potentially destroy everything we have worked to create.

How could anyone expect us to sign a letter of "No objection"?

Ronald & Doris Stern
850 Falls Creek Lane
Moundsville WV 26041
304-845-0925

WW-6AW
(1-12)

4705101862

API NO. 47-____-_____
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

RECEIVED

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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| Watershed: | Middle Grave Creek - Grave Creek | | | |

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

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| ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD | Its: _____ |
| | Signature: _____ |
| | Date: _____ |

NO

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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

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Ronald & Doris Stern
850 Falls Creek Lane
Moundsville WV 26041
304-845-0925

WW-6AW
(1-12)

API NO. 47-_____-_____
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

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| State: | West Virginia | UTM NAD 83 | Easting: | 524248.85 |
| County: | Marshall | | Northing: | 4414178.02 |
| District: | Clay | Public Road Access: | | Fork Ridge Road |
| Quadrangle: | Moundsville, WV | Generally used farm name: | | Hostutler |
| Watershed: | Middle Grave Creek - Grave Creek | | | |

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials.

| *Please check the box that applies | FOR EXECUTION BY A NATURAL PERSON |
|---|---|
| ☐ SURFACE OWNER | Signature: _____ |
| ☐ SURFACE OWNER (Road and/or Other Disturbance) | Print Name: _____ |
| ☐ SURFACE OWNER (Impoundments/Pits) | Date: _____ |
| ☐ COAL OWNER OR LESSEE | FOR EXECUTION BY A CORPORATION, ETC. |
| ☐ COAL OPERATOR | Company: _____ |
| ☐ WATER PURVEYOR | By: _____ |
| ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD | Its: _____ |
| | Signature: _____ |
| | Date: _____ |

NO

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

05101862

WW-6B
(04/15)

API NO. 47-_____-_____
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

1) Well Operator: Chevron Appalachia, LLC | 49449935 (Operator ID) | Marshall (County) | Clay (District) | Moundsville, WV (Quadrangle)

2) Operator's Well Number: 10H Well Pad Name: Hostutler

3) Farm Name/Surface Owner: Chevron U.S.A. Inc. Public Road Access: Fork Ridge Rd.

4) Elevation, current ground: 1154' Elevation, proposed post-construction: 1152'

5) Well Type (a) Gas X Oil ____ Underground Storage ____
Other ____
(b)If Gas Shallow X Deep ____
Horizontal X

6) Existing Pad: Yes or No No

JH 6/18/15

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
Marcellus, 6347' GL, 57' - 0.65 psi/ft

8) Proposed Total Vertical Depth: 6,362'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 13,272'

11) Proposed Horizontal Leg Length: 6,427'

12) Approximate Fresh Water Strata Depths: 500' GL

13) Method to Determine Fresh Water Depths: 1 mi radius offset wells, freshwater wells, and fresh water base level

14) Approximate Saltwater Depths: 698' GL, 1194' - 1871' GL, Mine info, nearby well control

15) Approximate Coal Seam Depths: 698' GL

16) Approximate Depth to Possible Void (coal mine, karst, other): None

17) Does Proposed well location contain coal seams directly overlying or adjacent to an active mine? Yes X No ____

(a) If Yes, provide Mine Info: Name: Ireland Mine
Depth: 698' GL
Seam: Pittsburgh No. 8
Owner: CONSOL Energy

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API NO. 47-_____-_____
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

18) **CASING AND TUBING PROGRAM**

| TYPE | Size (in) | New or Used | Grade | Weight per ft. (lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS: Left in Well (ft) | CEMENT: Fill-up (Cu. Ft.)/CTS |
|---|---|---|---|---|---|---|---|
| Conductor | 20" | New | | | 40 | 40 | 60 CTS |
| Fresh Water | 13-3/8" | New | J-55 | 54.5 # | 550 | 550 | 433 CTS |
| Coal | | | | | | | |
| Intermediate | 9-5/8" | New | J55 | 40 # | 1866 | 1866 | 630 CTS |
| Production | 5-1/2" | New | P-110 | 20# | 13272 | 13272 | 3195 |
| Tubing | | | | | | | |
| Liners | | | | | | | |

JW 6/15/15

| TYPE | Size (in) | Wellbore Diameter (in) | Wall Thickness (in) | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | Cement Type | Cement Yield (cu. ft./k) |
|---|---|---|---|---|---|---|---|
| Conductor | 20" | 26" | 0.375" | | NA | | |
| Fresh Water | 13-3/8" | 17.5" | 0.458" | 2,730 psi | NA | Class A | 1.2 |
| Coal | | | | | | | |
| Intermediate | 9-5/8" | 12.25" | 0.395" | 3,950 psi | 300 | Class A | 1.2 |
| Production | 5-1/2" | 8.5" | 0.361" | 12,640 psi | 1800 | Class A | 1.2 |
| Tubing | | | | | | | |
| Liners | | | | | | | |

**PACKERS**

| | | | | |
|---|---|---|---|---|
| Kind: | | | | |
| Sizes: | | | | |
| Depths Set: | | | | |

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API NO. 47- 051-01862
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

Set 20" conductor. Drill 17.5" hole to proposed TD. Set and cement 13-5/8" casing to surface covering the fresh water. Drill 12.25" hole to proposed TD. Set and cement to surface 9 5/8" casing in the Squaw Shale. Drill 8.5" hole to KOP. Drill a 8.5" curve and lateral section to TD. Set 5.5" production casing and cement with TOC to surface. No pilot hole is planned.

20) Describe fracturing/stimulating methods in detail, including anticipated max pressure and max rate:

delivery of 400,000 lbs proppant/400,000 gal water at 100 bpm and 10,000 psi

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 14.1

22) Area to be disturbed for well pad only, less access road (acres): 5.7

23) Describe centralizer placement for each casing string:

Surface String: 1 Bow spring centralizer halfway through the shoe track around a stop collar, 1 Bow spring centralizer per joint over connection to base of conductor. Intermediate String: 1 Bow spring centralizer halfway through the shoe track around a stop collar, and 1 bow spring centralizer over every other connection. Production casing 1 Solid Centralizer per joint to KOP, and 1 bow spring centralizer every other joint to surface after that.

24) Describe all cement additives associated with each cement type:

The Water and Intermediate String will contain Class A cement, up to 3% CaCl2, and flake. The tail and lead of the production cement will be class A cement with KCL, dispersant, defoamer, suspension agent, and friction reducer. The spacer will be a fly ash blend.

25) Proposed borehole conditioning procedures:

The well be circulated a minimum of 2 bottoms up once casing point has been reached on all hole sections.

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*Note: Attach additional sheets as needed.

HOSTUTLER PAD CEMENT ADDITIVES

- The Water and Intermediate String will contain Class A cement, up to 3% $CaCl_2$, and flake.
- The tail and lead of the production cement will be class A cement with KCL, dispersant, defoamer, suspension agent, and friction reducer.
- The spacer will be a fly ash blend.

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# Hostutler 10H

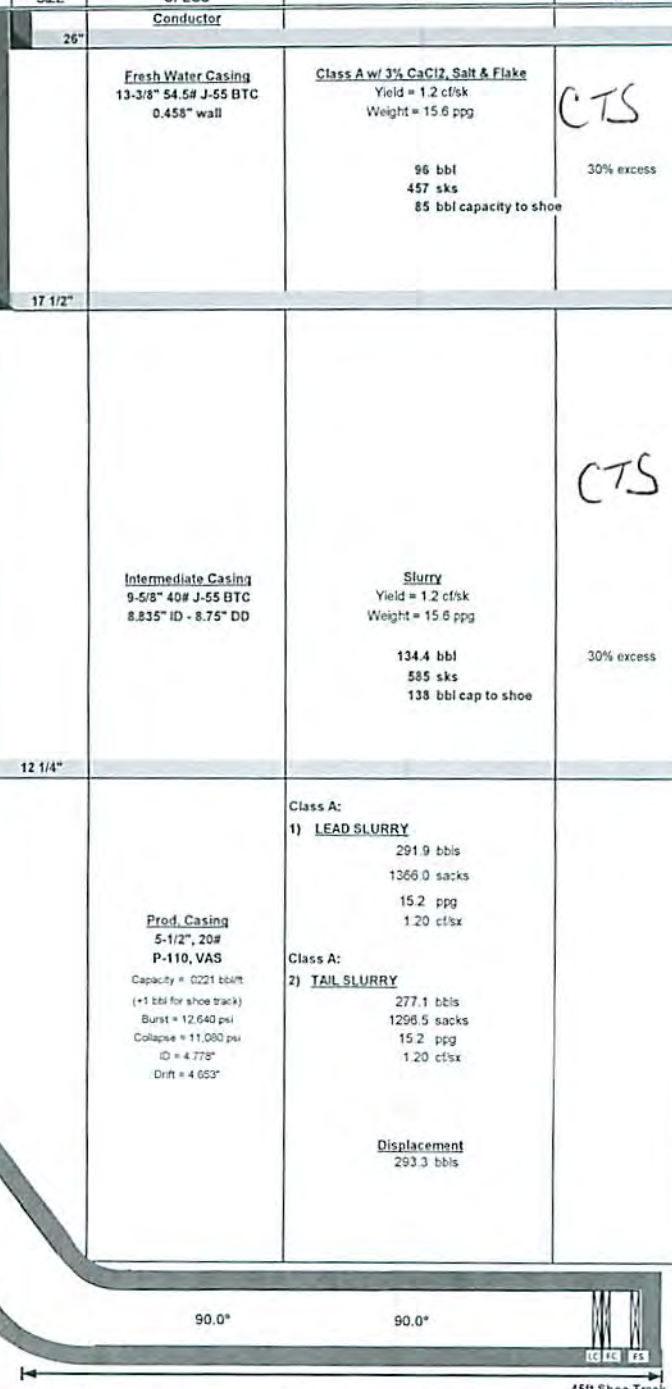
05101862

Marshall Co. WV
May 28, 2015

## Casing & Cementing Details

Ground Level Elevation: 1156

| | AZM | Casing Formation | DEPTH MD | DEPTH TVD | Inclination | HOLE SIZE | CASING SPECS | CEMENT INFO | GENERAL INFO |
|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | Conductor | | |
| | | 20" | 40' | | | 26" | | | |
| | | | | | | | Fresh Water Casing<br>13-3/8" 54.5# J-55 BTC<br>0.458" wall | Class A w/ 3% CaCl2, Salt & Flake<br>Yield = 1.2 cf/sk<br>Weight = 15.6 ppg<br>96 bbl<br>457 sks<br>85 bbl capacity to shoe | CTS<br>30% excess |
| | | 13 3/8" Casing | 550' | | | 17 1/2" | | | |
| | | | | | | | Intermediate Casing<br>9-5/8" 40# J-55 BTC<br>8.835" ID - 8.75" DD | Slurry<br>Yield = 1.2 cf/sk<br>Weight = 15.6 ppg<br>134.4 bbl<br>585 sks<br>138 bbl cap to shoe | CTS<br>30% excess |
| | | 9 5/8" Casing | 1,866' | | | 12 1/4" | | | |
| | | | | | | | Prod. Casing<br>5-1/2", 20#<br>P-110, VAS<br>Capacity = 0221 bbl/ft<br>(+1 bbl for shoe track)<br>Burst = 12,640 psi<br>Collapse = 11,080 psi<br>ID = 4.778"<br>Drift = 4.653" | Class A:<br>1) LEAD SLURRY<br>291.9 bbls<br>1366.0 sacks<br>15.2 ppg<br>1.20 cf/sx<br>Class A:<br>2) TAIL SLURRY<br>277.1 bbls<br>1296.5 sacks<br>15.2 ppg<br>1.20 cf/sx<br>Displacement<br>293.3 bbls | |
| | | | | | | 8 1/2" | 5 1/2" Casing | TMD | 13,272' |

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WW-9
(2/15)

05101862

API Number 47 - _____ - _____
Operator's Well No. 10H

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION**
**OFFICE OF OIL AND GAS**

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name Chevron Appalachia, LLC OP Code 49449935

Watershed (HUC 10) Middle Grave Creek - Grave Creek Quadrangle Moundsville, WV 7.5'

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes ☑ No ☐

Will a pit be used? Yes ☐ No ☑

If so, please describe anticipated pit waste: _____

Will a synthetic liner be used in the pit? Yes ☐ No ☐ If so, what ml.? _____

Proposed Disposal Method For Treated Pit Wastes:

_____ Land Application
_____ Underground Injection ( UIC Permit Number _____ )
_____ Reuse (at API Number _____ )
_____ Off Site Disposal (Supply form WW-9 for disposal location)
_____ Other (Explain _____

Will closed loop system be used? If so, describe: Yes, cuttings will be mixed off on location and trucked off in half rounds

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Surface and Intermediate will be planned to drill air. Production section will be drilled on SBM. If issues are encountered, the intermediate section may be drilled on SBM.

-If oil based, what type? Synthetic, petroleum, etc. _____

Additives to be used in drilling medium? Fluid loss control, emulsifier, and shale stabilizer.

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc. Removed offsite

-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust) _____

-Landfill or offsite name/permit number? Arden Landfill - Permit # 100172; South Hills Landfill - Permit # 100592

Permittee shall provide written notice to the Office of Oil and Gas of any load of drill cuttings or associated waste rejected at any West Virginia solid waste facility. The notice shall be provided within 24 hours of rejection and the permittee shall also disclose where it was properly disposed.

I certify that I understand and agree to the terms and conditions of the GENERAL WATER POLLUTION PERMIT issued on August 1, 2005, by the Office of Oil and Gas of the West Virginia Department of Environmental Protection. I understand that the provisions of the permit are enforceable by law. Violations of any term or condition of the general permit and/or other applicable law or regulation can lead to enforcement action.

I certify under penalty of law that I have personally examined and am familiar with the information submitted on this application form and all attachments thereto and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine or imprisonment.

Company Official Signature _____

Company Official (Typed Name) Branden Weimer

Company Official Title Permitting Team Lead

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Subscribed and sworn before me this 28th day of May, 20 15

Kristen Brooks Notary Public

My commission expires Sept 2, 2018

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

0510186 2

Form WW-9

Operator's Well No. 10H

Chevron Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed 8.1 Prevegetation pH per soil testing report

Lime per soil testing report Tons/acre or to correct to pH per soil testing report

Fertilizer type See attached Table C

Fertilizer amount 1,000 lbs/acre

Mulch 2 Tons/acre

**Seed Mixtures**

| Temporary | | Permanent | |
|---|---|---|---|
| Seed Type | lbs/acre | Seed Type | lbs/acre |
| See attached Table A | | See attached Table B | |

Attach:
Drawing(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided)

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: James Nicholson

Comments:

Title: Oil & Gas Inspector

Date:

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Field Reviewed? ( ) Yes ( ) No

| TABLE A - TEMPORARY SEEDING MIXTURES (FROM WV DOT DOH STANDARD SPECIFICATIONS) | | | |
|---|---|---|---|
| VARIETY OF SEED | SPRING MAR 1 - MAY 15 LBS/ ACRE | SUMMER MAY 16 - AUG 15 LBS/ ACRE | FALL AND WINTER AUG 16 - APR 30 LBS/ ACRE |
| ANNUAL RYEGRASS | 10 | | 10 |
| BARLEY OF OATS (LOCAL SEEDS) | 50 | | |
| MILLET (HUNGARIAN, GERMAN OR JAPANESE) | | 50 | |
| CEREAL RYE OR CEREAL WHEAT | | | 50 |
| TOTAL | 60 | 50 | 60 |

| TABLE B - SEED MIXTURES (FROM WV DOT DOH STANDARD SPECIFICATIONS) | | |
|---|---|---|
| VARIETY OF SEED | TYPE D* (CUT AND FILL SLOPES) LBS/ ACRE | TYPE L (ALL OTHER AREAS) LBS/ ACRE |
| KENTUCKY 31 FESCUE | 20 | |
| RED FESCUE (PENNLAWN) | 20 | 41 |
| CROWNVETCH | 20 | |
| HARD FESCUE MIXTURE ** | | 63 |
| ANNUAL RYEGRASS AUG 1 TO MAY 15 OR WEEPING<br>LOVEGRASS MAY 15 TO AUGUST 1 | 7 | 12<br>5 |

*30 LB OF CEREAL RYE OR WHEAT SHALL BE ADDED TO TYPE D MIXTURE WHEN WOOD CELLULOSE FIBER IS USED AS A MULCH

**A COMBINATION OF APPROVED CERTIFIED VARIETIES WITH NO ONE VARIETY EXCEEDING 50% OF THE TOTAL HARD FESCUE

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| TABLE C - FERTILIZER | | |
|---|---|---|
| TYPE | FORMULA | RATE (LBS/ ACRE) |
| MIXED GRASSES AND LEGUMES | 10-10-20 | 1,000 |
| LEGUME STANDS ONLY | 5-20-10 (PREFERRED) OR 10-20-10 | 1,000 |
| GRASS STANDS ONLY | 10-10-20 | 1,000 |

05 1018 62

05101862

CHEVRON
APPALACHIA, LLC

# West Virginia Well Site Safety Plan

## Hostutler Pad
## A Well #10H
## 911 Address
## TBD Clay
## District
## (39.880386, -80.713958)
## Marshall County, West Virginia

JM 6/18/15

## Marshall County, West Virginia

*Prepared in Conformance with:*

*West Virginia's Code §22-6A and Legislative Rule §35-8-5.7 and West Virginia Department of Environmental Protection's, Office of Oil and Gas documents: "Well Site Safety Plan Standards" (issued August 25, 2011), and "Deep Well Drilling Procedures and Site Safety Plan Requirements" (issued October 22, 2012)*

Revision 3

Original: September 2012

Revised: June 2013

Revised: May 2014

Revised: January, 2015

Revised: March, 2015

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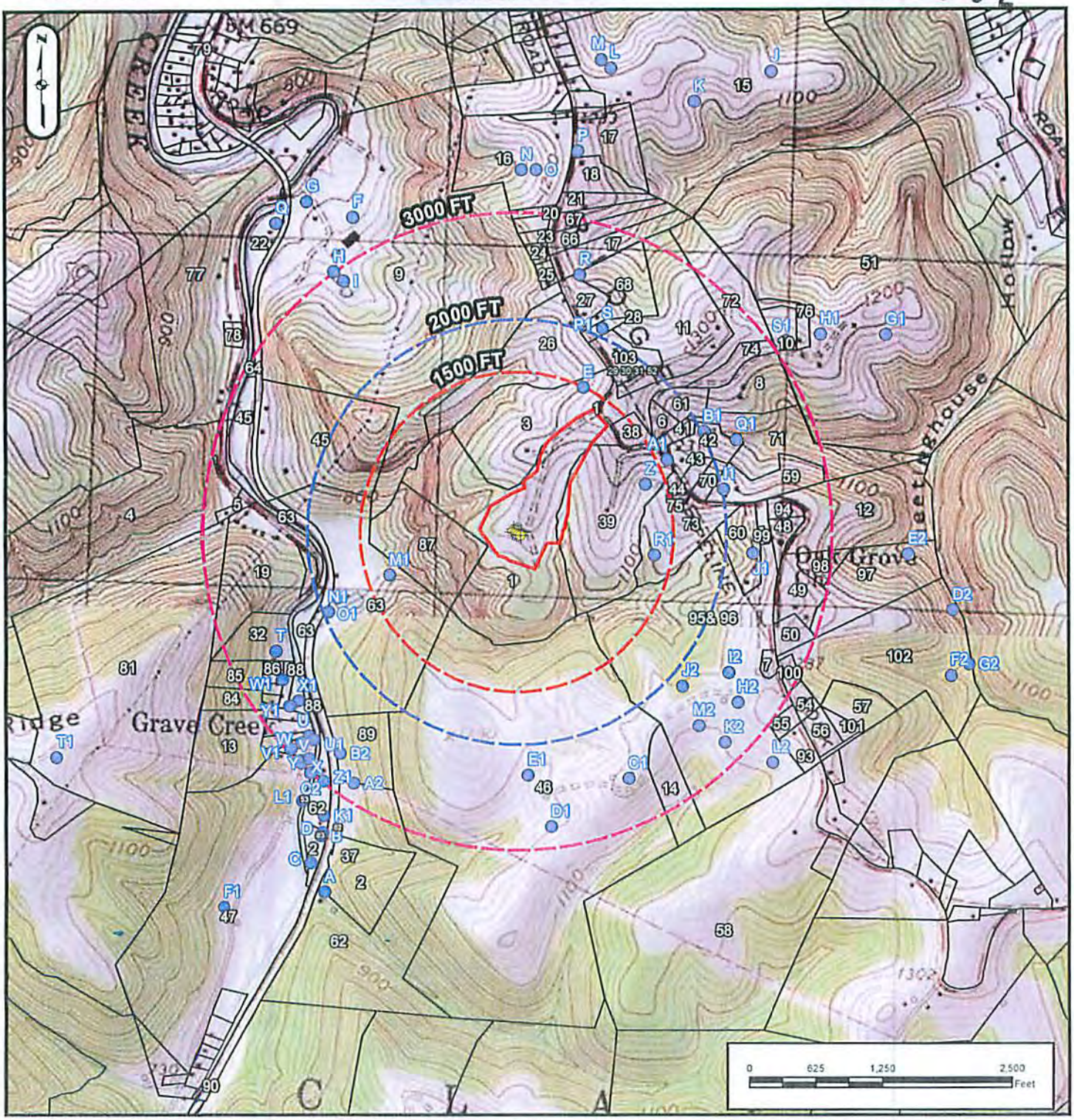
# WATER SUPPLY EXHIBIT
## HOSTUTLER

Date: 6/2/2015

Blue Mountain Inc




| | | | |
|---|---|---|---|
| SURFACE OWNER: | CHEVRON U.S.A. INC. | COUNTY: | MARSHALL |
| OIL/GAS OWNER: | MARGARET E. HOSTUTLER | DISTRICT: | WASHINGTON |
| WELL OPERATOR: | CHEVRON APPALACHIA, LLC | SURVEYOR: | BLUE MOUNTAIN INC. |
| ADDRESS: | 800 MOUNTAIN VIEW DRIVE<br>SMITHFIELD, PA 15478 | ADDRESS: | 10125 MASON DIXON HIGHWAY<br>BURTON, WV 26562 |
| PHONE: | 724-564-3700 | PHONE: | 304-662-6486 |

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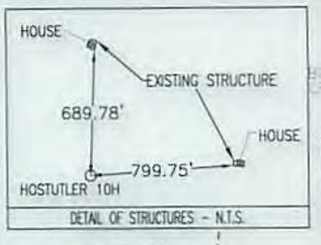
Well is located on topo map 14,338 feet south of Latitude: 39°55'00"

Well is located on topo map 2,269 feet west of Longitude: 80°42'30"



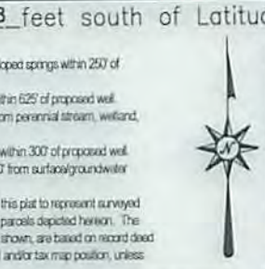

NOTES:

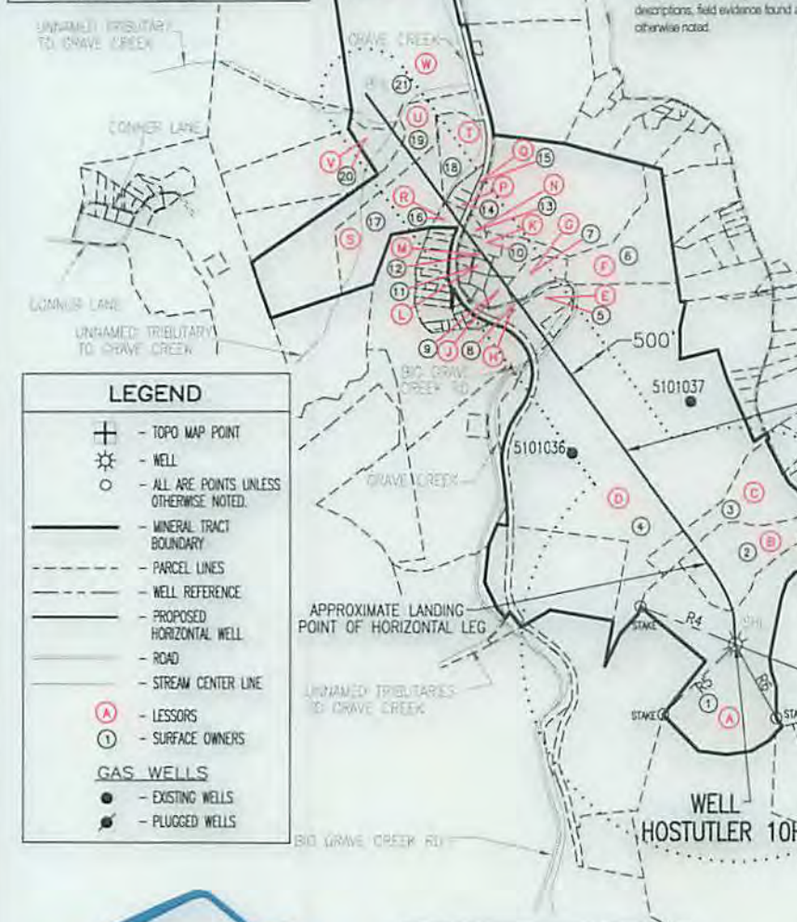
1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well pad is within 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

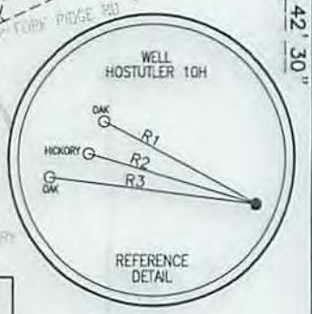
| SURFACE HOLE LOCATION (SHL) |
|---|
| UTM 17-NAD83(M) |
| N:4414178.02 |
| E:524249.85 |
| NAD 83, WV NORTH |
| N:503971.230 |
| E:1627123.195 |
| LAT/LON DATUM-NAD83 |
| LAT:39.877306 |
| LON:-80.716417 |

| APPROX. LANDING POINT |
|---|
| UTM 17-NAD83(M) |
| N:4414449.65 |
| E:524150.44 |
| NAD 83, WV NORTH |
| N:504868.056 |
| E:1626811.864 |
| LAT/LON DATUM-NAD83 |
| LAT:39.879756 |
| LON:-80.717569 |

| BOTTOM HOLE LOCATION (BHL) |
|---|
| UTM 17-NAD83(M) |
| N:4416010.12 |
| E:522967.11 |
| NAD 83, WV NORTH |
| N:510053.633 |
| E:1623014.366 |
| LAT/LON DATUM-NAD83 |
| LAT:39.893850 |
| LON:-80.731353 |






**Blue Mountain Inc.**
10125 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

| LINE | BEARING | DISTANCE |
|---|---|---|
| R1 | N 62°02'58" W | 193.18' |
| R2 | N 73°49'45" W | 195.63' |
| R3 | N 82°55'58" W | 233.36' |
| R4 | N 68°33'09" W | 1145.50' |
| R5 | S 46°23'09" W | 1111.12' |
| R6 | S 29°51'04" E | 928.28' |

SEE PAGE 2 FOR SURFACE OWNERS AND LESSORS

FILE #: HOSTUTLER 10H

DRAWING #: HOSTUTLER 10H

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

I, THE UNDERSIGNED, HEREBY CERTIFY THAT THIS PLAT IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF AND SHOWS ALL THE INFORMATION REQUIRED BY LAW AND THE REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [signature]

R.P.E.: _____ L.L.S.: P.S. No. 2000

GEORGE D. SIX LICENSED No. 2000 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

PLACE SEAL HERE

(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS

WVDEP
OFFICE OF OIL & GAS
601 57TH STREET
CHARLESTON, WV 25304

DATE: AUGUST 19, 2015

OPERATOR'S WELL #: HOSTUTLER 10H

API WELL #: 47 (STATE) 51 (COUNTY) 01862 H6A (PERMIT)

Well Type: ☐ Oil ☐ Waste Disposal ☒ Production ☐ Deep
☒ Gas ☐ Liquid Injection ☐ Storage ☒ Shallow

WATERSHED: MIDDLE GRAVE CREEK - GRAVE CREEK ELEVATION: 1154.20'

COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: MOUNDSVILLE, WV 7.5'

SURFACE OWNER: CHEVRON U.S.A. INC. ACREAGE: 45.546±

OIL & GAS ROYALTY OWNER: MARGARET E. HOSTUTLER ACREAGE: 468.696±

DRILL ☒ CONVERT ☐ DRILL DEEPER ☐ REDRILL ☐ FRACTURE OR STIMULATE ☒

PLUG OFF OLD FORMATION ☐ PERFORATE NEW FORMATION ☐ PLUG & ABANDON ☐

CLEAN OUT & REPLUG ☐ OTHER CHANGE ☐ (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,362'± TMD: 13,272.55'±

WELL OPERATOR CHEVRON APPALACHIA, LLC DESIGNATED AGENT KENNETH E. TAWNEY

Address 800 MOUNTAIN VIEW DRIVE Address 500 LEE STREET, EAST SUITE 1600

City SMITHFIELD State PA Zip Code 15478 City CHARLESTON State WV Zip Code 25301-3202

# HOSTUTLER
# 10H
# PAGE 2 OF 2

51-01862H6A

| | SURFACE OWNER | DIST-TM/PAR |
|---|---|---|
| 1 | CHEVRON U.S.A. INC. | 4-8/38 |
| 2 | JASON B. & DAWN R. ADKINS | 4-4/75 |
| 3 | JOSEPH GONCHOFF | 4-4/57 |
| 4 | MOUNTAINEER ENTERPRISES LLC | 4-4/30 |
| 5 | WILLIAM KIDD JR. ET UX | 4-4/28 |
| 6 | HARRY K. HYDE ET UX | 4-4/31.1 |
| 7 | THOMAS L. HAUGHT ET AL | 4-4/27 |
| 8 | WILLIAM KIDD JR. ET UX | 4-4/4.8 |
| 9 | HARRY K. HYDE ET UX | 4-4/31.2 |
| 10 | HARRY KEITH HYDE ET UX | 4-4/18 |
| 11 | CLARICE HYDE | 4-4/23 |
| 12 | SUSAN M. & SEAN RAYMOND COOLEY | 4-4/20 |
| 13 | KEVIN J. & TAMERA M. SMITH | 4-4/32.1 |
| 14 | *ROBERT L. & PATSY CLARK | 4-4/16 |
| 15 | CONSOLIDATION COAL COMPANY | 4-4/74 |
| 16 | WILLIAM J. & CAROL M. FRITZMAN | 4-4/15 |
| 17 | JOHN D. & CATHY L. LIGHTNER | 4-4/1.7 |
| 18 | PAUL WAYNE LIGHTNER | 4-4/1.1 |
| 19 | JOHN D. JR. & CATHY L. LIGHTNER | 4-4/1.2 |
| 20 | PAUL W. & AMANDA LIGHTNER | 4-4/1.3 |
| 21 | FRANK GONCHOFF ET AL | 4-3/13 |

| | LESSOR |
|---|---|
| A | MARGARET E. HOSTUTLER |
| B | MARGARET E. HOSTUTLER |
| C | JOSEPH GONCHOFF |
| D | CNX GAS COMPANY LLC |
| E | WILLIAM JR. & CYNTHIA A. KIDD |
| F | HARRY KEITH HYDE ET UX |
| G | THOMAS LEE & CLARA HAUGHT |
| H | WILLIAM JR. & CYNTHIA A. KIDD |
| J | HARRY KEITH & MARY JANE HYDE |
| K | HARRY KEITH & MARY JANE HYDE |
| L | CLARICE E. HYDE |
| M | SUSAN & SEAN RAYMOND COOLEY |
| N | KEVIN J. & TAMERA M. SMITH |
| P | *TAMARA L. BLAND |
| Q | CNX GAS COMPANY LLC |
| R | WILLIAM J. FRITZMAN ET UX |
| S | PAUL WAYNE LIGHTNER |
| T | PAUL WAYNE LIGHTNER |
| U | JOHN D. JR. & CATHY L. LIGHTNER |
| V | DOUGLAS HUDSON ET UX |
| W | MARY & JOSEPH GONCHOFF |

SURFACE HOLE LOCATION (SHL)
**UTM 17-NAD83(M)**
N:4414178.02
E:524249.85
NAD 83, WV NORTH
N:503971.230
E:1627123.195
LAT/LON DATUM-NAD83
LAT:39.877306
LON:-80.716417

APPROX. LANDING POINT
**UTM 17-NAD83(M)**
**N:4414449.65**
**E:524150.44**
NAD 83, WV NORTH
N:504868.056
E:1626811.864
LAT/LON DATUM-NAD83
LAT:39.879756
LON:-80.717569

BOTTOM HOLE LOCATION (BHL)
**UTM 17-NAD83(M)**
**N:4416010.12**
**E:522967.11**
NAD 83, WV NORTH
N:510053.633
E:1623014.366
LAT/LON DATUM-NAD83
LAT:39.893850
LON:-80.731353

AUGUST 19, 2015

* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

**Blue Mountain Inc.**
10125 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

05101862

WW-6A1
(5/13)

Operator's Well No. Hostutler 10H

**INFORMATION SUPPLIED UNDER WEST VIRGINIA CODE**
**Chapter 22, Article 6A, Section 5(a)(5)**
**IN LIEU OF FILING LEASE(S) AND OTHER CONTINUING CONTRACT(S)**

Under the oath required to make the verification on page 1 of this Notice and Application, I depose and say that I am the person who signed the Notice and Application for the Applicant, and that –

(1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;

(2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

| Lease Name or Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
|---|---|---|---|---|
| see attached | | | | |

**Acknowledgement of Possible Permitting/Approval**
**In Addition to the Office of Oil and Gas**

The permit applicant for the proposed well work addressed in this application hereby acknowledges the possibility of the need for permits and/or approvals from local, state, or federal entities in addition to the DEP, Office of Oil and Gas, including but not limited to the following:

- WV Division of Water and Waste Management
- WV Division of Natural Resources WV Division of Highways
- U.S. Army Corps of Engineers
- U.S. Fish and Wildlife Service
- County Floodplain Coordinator

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JUL 14 2015

The applicant further acknowledges that any Office of Oil and Gas permit in no way overrides, replaces, or nullifies the need for other permits/approvals that may be necessary and further affirms that all needed permits/approvals should be acquired from the appropriate authority before the affected activity is initiated.

Well Operator: Chevron Appalachia, LLC
By: Jenny Hayes
Its: Permitting Team Lead

| Hostutler 10H | | | | | | | |
|---|---|---|---|---|---|---|---|
| Parcel | Lessor | Lessee | Royalty | DB/PG | ASSIGNMENT 1 | ASSIGNMENT 2 | ASSIGNMENT 3 |
| (A) (B) | Hostutler, Margaret E. | Chevron USA, Inc. | 16.00% | 828/346 | N/A | N/A | N/A |
| (C) | Gonchoff, Joseph | Chevron USA, Inc. | 18.00% | 847/485 | N/A | N/A | N/A |
| (D) (Q) | CNX Gas Company, LLC | Chevron USA, Inc. | 20.00% | 818/549 | N/A | N/A | N/A |
| (E) (H) | Kidd, William, Jr. & Cynthia A. | TriEnergy Holdings, LLC | 16.00% | 704/40 | BK24/PG180--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |
| (F) | Hyde, Harry K. & Mary J. | TriEnergy Holdings, LLC | 18.00% | 706/623 | BK24/PG180--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |
| (G) | Haught, Thomas L. & Clara | TriEnergy Holdings, LLC | 18.00% | 706/89 | BK24/PG180--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |

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JUL 14 2015

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| Parcel | Lessor | Lessee | Royalty | DB/PG | ASSIGNMENT 1 | ASSIGNMENT 2 | ASSIGNMENT 3 |
|---|---|---|---|---|---|---|---|
| (J) (K) | Hyde, Harry K. & Mary J. | TriEnergy Holdings, LLC | 18.00% | 706/625 | BK24/PG180--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |
| (L) | Hyde, Clarice E. | TriEnergy Holdings, LLC | 18.00% | 706/621 | BK24/PG180--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |
| (M) | Cooley, Susan M. and Sean R. | NPAR, LLC | 18.00% | 739/61 | BK26/PG201--NPAR, LLC to Chevron U.S.A. Inc. | N/A | N/A |
| (N) | Smith, Kevin J. & Tamera M. | TriEnergy Holdings, LLC | 16.00% | 717/500 | BK24/PG430--TriEnergy Holdings, LLC to NPAR, LLC | BK756/PG332--NPAR, LLC to Chevron USA, Inc. | N/A |
| (P) | Bland, Tamara L. | TriEnergy Holdings, LLC | 16.00% | 714/28 | BK24/PG430--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |
| (R) | Fritzman, William J. & Carol M. | TriEnergy Holdings, LLC | 18.00% | 714/81 | BK24/PG430--TriEnergy Holdings, LLC to NPAR, LLC | BK24/PG466--NPAR, LLC to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. |

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JUL 14 2016

| Parcel | Lessor | Lessee | Royalty | DB/PG | ASSIGNMENT 1 | ASSIGNMENT 2 | ASSIGNMENT 3 |
|---|---|---|---|---|---|---|---|
| (S) (T) | Lightner, Paul W. | Chevron USA, Inc. | 18.00% | 861/643 | N/A | N/A | N/A |
| (U) | Lightner, John D., Jr. & Cathy L. | Chevron USA, Inc. | 18.00% | 862/1 | N/A | N/A | N/A |
| (V) | Hudson, Douglas J. & Brandy J. | NPAR, LLC | 18.75% | 700/462 | BK24/PG393--NPAR, LLC, to Chief Exploration & Development LLC, et al. | BK25/1--Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc. | N/A |
| (W) | Gonchoff, Mary V. & Joseph | Chevron USA, Inc. | 18.00% | 847/493 | N/A | N/A | N/A |

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Office of Oil & Gas
JUL 14 2015

05101862

Branden Weimer
Permitting Team Lead

Chevron Appalachia, LLC
800 Mountain View Drive
Smithfield, PA 15478
Tel 724 564 3745
Fax 724 564 3894
bwkb@chevron.com

January 6, 2015

West Virginia D.E.P.
Office of Oil & Gas
601 57th Street SE
Charleston, WV 25304-2345

To Whom It May Concern:

Please be advised that Chevron Appalachia, LLC and Chevron U.S.A. Inc. are affiliated entities. Unless and until revoked, and as evidenced by the signatures of authorized representatives of each entity below, Chevron Appalachia, LLC is authorized to operate assets owned by Chevron U.S.A. Inc. which are located in West Virginia, including oil and gas leases. More particularly, Chevron Appalachia, LLC is authorized to obtain well work permits for assets owned by Chevron U.S.A. Inc. I trust that this will alleviate any concerns the Department may have about Chevron Appalachia, LLC applying for well work permit applications on properties either leased or owned by Chevron U.S.A. Inc. If you have any further questions or concerns, please do not hesitate to contact me.

Branden Weimer
Attorney-In-Fact for Chevron Appalachia, LLC

Marc Tate
Attorney-In-Fact for Chevron U.S.A. Inc.

Received
Office of Oil & Gas
JUL 14 2015

51-01862

**Phillip Khoury**
Land representative
Appalachian/Michigan SBU

**Chevron North America Exploration and Production Company**
(a Chevron U.S.A. Inc. division)
1550 Coraopolis Heights Road
Moon Township, PA 15108
Tel 412 262 2830
pkhoury@chevron.com

West Virginia D.E.P.
Office of Oil & Gas
601 57th Street SE
Charleston, WV 25304-2345

July 1, 2015, 2015

RE: Hostutler 8H, 10H, 12H

To whom it may concern,

This letter is to confirm that Chevron Appalachia, LLC owns the rights to access minerals under any road along the above referenced laterals. If you should have any further questions or need additional documentation, please feel free to contact me.

Sincerely,

Phillip Khoury
Land Representative

Received
Office of Oil & Gas
JUL 14 2015

WW-6AC
(1/12)

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE CERTIFICATION

05101862

**Date of Notice Certification:** 07/09/2015

**API No. 47-** _____ - _____
**Operator's Well No.** 10H
**Well Pad Name:** Hostutler

**Notice has been given:**
Pursuant to the provisions in West Virginia Code § 22-6A, the Operator has provided the required parties with the Notice Forms listed below for the tract of land as follows:

| | | | | |
|---|---|---|---|---|
| State: | West Virginia | UTM NAD 83 | Easting: | 524249.85 |
| County: | Marshall | | Northing: | 4414178.02 |
| District: | Clay | Public Road Access: | | Fork Ridge Road |
| Quadrangle: | Moundsville, WV | Generally used farm name: | | Hostutler |
| Watershed: | Middle Grave Creek - Grave Creek | | | |

Pursuant to West Virginia Code § 22-6A-7(b), every permit application filed under this section shall be on a form as may be prescribed by the secretary, shall be verified and shall contain the following information: (14) A certification from the operator that (i) it has provided the owners of the surface described in subdivisions (1), (2) and (4), subsection (b), section ten of this article, the information required by subsections (b) and (c), section sixteen of this article; (ii) that the requirement was deemed satisfied as a result of giving the surface owner notice of entry to survey pursuant to subsection (a), section ten of this article six-a; or (iii) the notice requirements of subsection (b), section sixteen of this article were waived in writing by the surface owner; and Pursuant to West Virginia Code § 22-6A-11(b), the applicant shall tender proof of and certify to the secretary that the notice requirements of section ten of this article have been completed by the applicant.

| Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:<br>*PLEASE CHECK ALL THAT APPLY | OOG OFFICE USE ONLY |
|---|---|
| ☐ 1. NOTICE OF SEISMIC ACTIVITY or ☒ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED | ☐ RECEIVED/ NOT REQUIRED |
| ☒ 2. NOTICE OF ENTRY FOR PLAT SURVEY or ☐ NO PLAT SURVEY WAS CONDUCTED | ☐ RECEIVED |
| ☒ 3. NOTICE OF INTENT TO DRILL or ☐ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED or<br>☐ WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH) | ☐ RECEIVED/ NOT REQUIRED |
| ☒ 4. NOTICE OF PLANNED OPERATION | ☐ RECEIVED |
| ☒ 5. PUBLIC NOTICE | ☐ RECEIVED |
| ☒ 6. NOTICE OF APPLICATION | ☐ RECEIVED |

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Office of Oil & Gas
JUL 14 2015

**Required Attachments:**
The Operator shall attach to this Notice Certification Form all Notice Forms and Certifications of Notice that have been provided to the required parties and/or any associated written waivers. For the Public Notice, the operator shall attach a copy of the Class II Legal Advertisement with publication date verification or the associated Affidavit of Publication. The attached Notice Forms and Certifications of Notice shall serve as proof that the required parties have been noticed as required under West Virginia Code § 22-6A. Pursuant to West Virginia Code § 22-6A-11(b), the Certification of Notice to the person may be made by affidavit of personal service, the return receipt card or other postal receipt for certified mailing.

WW-6AC
(1/12)

05101862

**Certification of Notice is hereby given:**

THEREFORE, I Branden Weimer, have read and understand the notice requirements within West Virginia Code § 22-6A. I certify that as required under West Virginia Code § 22-6A, I have served the attached copies of the Notice Forms, identified above, to the required parties through personal service, by registered mail or by any method of delivery that requires a receipt or signature confirmation. I certify under penalty of law that I have personally examined and am familiar with the information submitted in this Notice Certification and all attachments, and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

| | | | |
|---|---|---|---|
| Well Operator: | Chevron Appalachia, LLC | Address: | 800 Mountain View Drive |
| By: | | | Smithfield, PA 15478 |
| Its: | Permitting Team Lead | Facsimile: | 724-564-3894 |
| Telephone: | 724-564-3700 | Email: | |

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 9th day of July, 2015

Kristen Brooks Notary Public

My Commission Expires Sept 2, 2018

**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Received
Office of Oil & Gas
JUL 14 2015

WW-6A
(9-13)

API NO. 47-051-01862
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF APPLICATION

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** 6/12/15 **Date Permit Application Filed:** 7/10/15

**Notice of:**

☑ PERMIT FOR ANY WELL WORK

☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

☐ PERSONAL SERVICE

☑ REGISTERED MAIL

☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: Chevron U.S.A. Inc.
Address: 1550 Coraopolis Heights Road
Pittsburgh, PA 15108
Name:
Address:

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name:
Address:
Name:
Address:

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name:
Address:

☑ COAL OWNER OR LESSEE
Name: CONSOL Mining Company, LLC
Address: 1000 Consol Energy Drive
Canonsburg, PA 15317

☑ COAL OPERATOR
Name: Murray Energy Corporation
Address: 46226 National Road
St. Clairsville, OH 43950

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Ronald E Stern
Address: 850 Falls Creek Lane
Moundsville, WV 26041

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name:
Address:

*Please attach additional forms if necessary

Received
Office of Oil & Gas
JUL 14 2015

WW-6A
(9-13)

API NO. 47-051 01862
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**
**NOTICE OF APPLICATION**

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** _____ **Date Permit Application Filed:** _____

**Notice of:**

☑ PERMIT FOR ANY WELL WORK ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

☐ PERSONAL SERVICE ☑ REGISTERED MAIL ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Monte J. Chambers
Address: 3389 Fork Ridge Road
Moundsville, WV 26041

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

Received
Office of Oil & Gas
JUL 14 2015

WW-6A
(9-13)

API NO. 47- 0 5 1 0 1 8 6 2
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

**STATE OF WEST VIRGINIA**
**DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS**
**NOTICE OF APPLICATION**

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** _____ **Date Permit Application Filed:** _____

**Notice of:**

☑ PERMIT FOR ANY WELL WORK

☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

☐ PERSONAL SERVICE

☑ REGISTERED MAIL

☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Jason L. & Tricia L. Triplett
Address: 3428 Fork Ridge Road
Moundsville, WV 26041

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

Received
Office of Oil & Gas
JUL 14 2015

WW-6A
(9-13)

API NO. 47-051-01862
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF APPLICATION

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** _____ **Date Permit Application Filed:** _____

**Notice of:**

☑ PERMIT FOR ANY WELL WORK

☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

☐ PERSONAL SERVICE

☑ REGISTERED MAIL

☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Jelinda & Monte Chambers
Address: 3389 Fork Ridge Road
Moundsville, WV 26041

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

Received
Office of Oil & Gas
JUL 14 2015

WW-6A
(9-13)

API NO. 47- 051 01862
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF APPLICATION

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**

**Date of Notice:** _____ **Date Permit Application Filed:** _____

**Notice of:**

☑ PERMIT FOR ANY WELL WORK

☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

**Delivery method pursuant to West Virginia Code § 22-6A-10(b)**

☐ PERSONAL SERVICE

☑ REGISTERED MAIL

☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in the records of the sheriff required to be maintained pursuant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any provision of this article to the contrary, notice to a lien holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. Code R. § 35-8-5.7.a requires, in part, that the operator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

☑ Application Notice ☑ WSSP Notice ☑ E&S Plan Notice ☑ Well Plat Notice is hereby provided to:

☐ SURFACE OWNER(s)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Road and/or Other Disturbance)
Name: _____
Address: _____
Name: _____
Address: _____

☐ SURFACE OWNER(s) (Impoundments or Pits)
Name: _____
Address: _____

☐ COAL OWNER OR LESSEE
Name: _____
Address: _____

☐ COAL OPERATOR
Name: _____
Address: _____

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Jason B. & Dawn R. Adkins
Address: 148 Nathan Lane
Moundsville, WV 26041

☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
Name: _____
Address: _____

*Please attach additional forms if necessary

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JUL 14 2015

WW-6A
(8-13)

API NO. 47- 05 - 01862
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(b), notice is hereby given that the undersigned well operator has applied for a permit for well work or for a certificate of approval for the construction of an impoundment or pit.

**This Notice Shall Include:**
Pursuant to W. Va. Code § 22-6A-10(b), this notice shall include: (1) copies of the application; (2) the erosion and sediment control plan required by section seven of this article; and (3) the well plat.

Pursuant to W. Va. Code § 22-6A-10(f), this notice shall include: (1) a statement of the time limits for filing written comments; (2) who may file written comments; (3) the name and address of the secretary for the purpose of filing the comments and obtaining additional information; and (4) a statement that the persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

Pursuant to W. Va. Code R. § 35-8-5.7.a, the operator shall provide the Well Site Safety Plan to the surface owner and any water purveyor or surface owner subject to notice and water testing as provided in section 15 of this rule.

Pursuant to W. Va. Code R. § 35-8-15.2.c, this notice shall: (1) contain a statement of the surface owner's and water purveyor's right to request sampling and analysis; (2) advise the surface owner and water purveyor of the rebuttable presumption for contamination or deprivation of a fresh water source or supply; advise the surface owner and water purveyor that refusal to allow the operator to conduct a pre-drilling water well test constitutes a method to rebut the presumption of liability; (3) advise the surface owner and water purveyor of his or her independent right to sample and analyze any water supply at his or her own expense; advise the surface owner and water purveyor whether or not the operator will utilize an independent laboratory to analyze any sample; and (4) advise the surface owner and or water purveyor that he or she can obtain from the Chief a list of water testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Well Location Restrictions**
Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within two hundred fifty feet measured horizontally from any existing water well or developed spring used for human or domestic animal consumption. The center of well pads may not be located within six hundred twenty-five feet of an occupied dwelling structure, or a building two thousand five hundred square feet or larger used to house or shelter dairy cattle or poultry husbandry. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items

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examined in the study required by this subsection, the secretary shall have the authority to propose for promulgation legislative rules establishing guidelines and procedures regarding reasonable levels of noise, light, dust and volatile organic compounds relating to drilling horizontal wells, including reasonable means of mitigating such factors, if necessary.

**Water Well Testing:**
Pursuant to West Virginia Code § 22-6A-10(d), notification shall be made, with respect to surface landowners identified in subsection (b) or water purveyors identified in subdivision (5), subsection (b) of this section, of the opportunity for testing their water well. The operator shall provide an analysis to such surface landowner or water purveyor at their request.

**Water Testing Laboratories:**
Pursuant to West Virginia Code § 22-6A-10(i), persons entitled to notice pursuant to subsection (b) of this section may contact the department to ascertain the names and locations of water testing laboratories in the subject area capable and qualified to test water supplies in accordance with standard accepted methods. In compiling that list of names the department shall consult with the state Bureau for Public Health and local health departments. A surface owner and water purveyor has an independent right to sample and analyze any water supply at his or her own expense. The laboratory utilized by the operator shall be approved by the agency as being certified and capable of performing sample analyses in accordance with this section.

**Rebuttable Presumption for Contamination or Deprivation of a Fresh Water Source or Supply:**

W. Va. Code § 22-6A-18 requires that (b) unless rebutted by one of the defenses established in subsection (c) of this section, in any action for contamination or deprivation of a fresh water source or supply within one thousand five hundred feet of the center of the well pad for horizontal well, there is a rebuttable presumption that the drilling and the oil or gas well or either was the proximate cause of the contamination or deprivation of the fresh water source or supply. (c) In order to rebut the presumption of liability established in subsection (b) of this section, the operator must prove by a preponderance of the evidence one of the following defenses: (1) The pollution existed prior to the drilling or alteration activity as determined by a predrilling or prealteration water well test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration water well test. (3) The water supply is not within one thousand five hundred feet of the well. (4) The pollution occurred more than six months after completion of drilling or alteration activities. (5) The pollution occurred as the result of some cause other than the drilling or alteration activity. (d) Any operator electing to preserve its defenses under subdivision (1), subsection (c) of this section shall retain the services of an independent certified laboratory to conduct the predrilling or prealteration water well test. A copy of the results of the test shall be submitted to the department and the surface owner or water purveyor in a manner prescribed by the secretary. (e) Any operator shall replace the water supply of an owner of interest in real property who obtains all or part of that owner's supply of water for domestic, agricultural, industrial or other legitimate use from an underground or surface source with a comparable water supply where the secretary determines that the water supply has been affected by contamination, diminution or interruption proximately caused by the oil or gas operation, unless waived in writing by that owner. (f) The secretary may order the operator conducting the oil or gas operation to: (1) Provide an emergency drinking water supply within twenty-four hours; (2) Provide temporary water supply within seventy-two hours; (3) Within thirty days begin activities to establish a permanent water supply or submit a proposal to the secretary outlining the measures and timetables to be used in establishing a permanent supply. The total time in providing a permanent water supply may not exceed two years. If the operator demonstrates that providing a permanent replacement water supply cannot be completed within two years, the secretary may extend the time frame on case-by-case basis; and (4) Pay all reasonable costs incurred by the real property owner in securing a water supply. (g) A person as described in subsection (b) of this section aggrieved under the provisions of subsections (b), (e) or (f) of this section may seek relief in court... (i) Notwithstanding the denial of the operator of responsibility for the damage to the real property owner's water supply or the status of any appeal on determination of liability for the damage to the real property owner's water supply, the operator may not discontinue providing the required water service until authorized to do so by the secretary or a court of competent jurisdiction.

**Written Comment:**
Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary. All persons described in West Virginia Code § 22-6A-10(b) may file written comments as to the location or construction of the applicant's proposed well work to the Secretary at:

Chief, Office of Oil and Gas
Department of Environmental Protection
601 57th St. SE
Charleston, WV 25304
(304) 926-0450

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Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water. **NOTE: YOU ARE NOT REQUIRED TO FILE ANY COMMENT.**

WW-6A
(8-13)

API NO. 47-051018 62
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

**Time Limits and Methods for Filing Comments.**

The law requires these materials to be served on or before the date the operator files its Application. You have **THIRTY (30) DAYS** after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

Pursuant to West Virginia Code § 22-6A-11(c)(2), Any objections of the affected coal operators and coal seam owners and lessees shall be addressed through the processes and procedures that exist under sections fifteen, seventeen and forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article. The written comments filed by the parties entitled to notice under subdivisions (1), (2), (4), (5) and (6), subsection (b), section ten of this article shall be considered by the secretary in the permit issuance process, but the parties are not entitled to participate in the processes and proceedings that exist under sections fifteen, seventeen or forty, article six of this chapter, as applicable and as incorporated into this article by section five of this article.

**Comment Requirements**

Your comments must be in writing and include your name, address and telephone number, the well operator's name and well number and the approximate location of the proposed well site including district and county from the application. You may add other documents, such as sketches, maps or photographs to support your comments.

Disclaimer: All comments received will be placed on our web site http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx and the applicant will automatically be forwarded an email notice that such comments have been submitted. The applicant will be expected to provide a response to comments submitted by any surface owner, water purveyor or natural gas storage operator noticed within the application.

**Permit Denial or Condition**

The Chief has the power to deny or condition a well work permit. Pursuant to West Virginia Code § 22-6A-8(d), the permit may not be issued or be conditioned, including conditions with respect to the location of the well and access roads prior to issuance if the director determines that:

(1) The proposed well work will constitute a hazard to the safety of persons;
(2) The plan for soil erosion and sediment control is not adequate or effective;
(3) Damage would occur to publicly owned lands or resources; or
(4) The proposed well work fails to protect fresh water sources or supplies.

A permit may also be denied under West Virginia Code § 22-6A-7(k), the secretary shall deny the issuance of a permit if the secretary determines that the applicant has committed a substantial violation of a previously issued permit for a horizontal well, including the applicable erosion and sediment control plan associated with the previously issued permit, or a substantial violation of one or more of the rules promulgated under this article, and in each instance has failed to abate or seek review of the violation within the time prescribed by the secretary pursuant to the provisions of subdivisions (1) and (2), subsection (a), section five of this article and the rules promulgated hereunder, which time may not be unreasonable.

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.

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WW-6A
(8-13)

API NO. 47-0 5 1 0 1 8 6 2
OPERATOR WELL NO. 10H
Well Pad Name: Hostutler

**Notice is hereby given by:**

Well Operator: Chevron Appalachia, LLC
Telephone: 724-564-3700
Email:

Address: 800 Mountain View Drive
Smithfield, PA 15478
Facsimile: 724-564-3894

Jenny Hayes

**Oil and Gas Privacy Notice:**

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Subscribed and sworn before me this 11th day of June 2015.

Kristen Brooks Notary Public

My Commission Expires Sept 2, 2018.

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JUL 14 2015

05101862

# WATER SUPPLY EXHIBIT

## HOSTUTLER

Date: 6/02/2015

**Blue Mountain Inc.**

| # | TAXMAP# | NAME(lastnamefirst) |
|---|---|---|
| 1 | 04 8003800000000 | SCHABER, LESLIEB. &LORI D. |
| 2 | 04 8003600020000 | POND, SIDNEYP. &VICKIE L. |
| 3 | 04 4007500000000 | ADKINS, JASONB. &DAWN R. |
| 4 | 04 8001600000000 | MERCER, CHARLESW. JR. &JUDY |
| 5 | 04 8003300000000 | CLARK, PATSYANN |
| 6 | 04 4005800080000 | LITTLETON, HARRYL. |
| 7 | 04 9000200160000 | RYAN, JEFFREYL. |
| 8 | 04 4005800140000 | MCGARY, JUDITHL. |
| 9 | 04 4003000000000 | MOUNTAINEER ENTERPRISESLLC |
| 10 | 04 4005000010000 | YOUNG, CHARLENES. |
| 11 | 04 4005800090000 | BLAKEMORE, DAVIDE. |
| 12 | 04 9000200000000 | MCGARY, RICKYL. |
| 13 | 04 8002300040000 | LITMAN, RICHARDE. JR. |
| 14 | 04 8003700010000 | HICKS, LUCILLEE. |
| 15 | 04 4006100000000 | WOODS, RICHARDW. |
| 16 | 04 4005300100000 | SCHMNG, GREGORYL. |
| 18 | 04 4005300080000 | DUFFY, JOHNE. |
| 19 | 04 8003500010000 | MORRIS, DONNIE |
| 20 | 04 4005300070000 | MASON, KEVINA. &TRACY L. |
| 21 | 04 4005300120000 | RIGGLE, DONALD&CAROL GARDNER, CAROLR. |
| 22 | 04 4007100000000 | HYDE, VERNONL. |
| 23 | 04 4005300030000 | HESS, PAULBRADLEY |
| 24 | 04 4005300020000 | STANDIFORD, VIOLETP. |
| 25 | 04 4005300010000 | PETRY, CHADA. &SARAH J. |
| 26 | 04 4005700000000 | GONCHOFF, JOSEPH |
| 27 | 04 4005500000000 | MILLER, GLENNR. |
| 28 | 04 4005600000000 | CARMICHAEL, MATTHEWA. |
| 29 | 04 4005800050000 | WRIGHT, CHARLESESTATE |
| 30 | 04 4005800040000 | NOBLE, DAVIDE. |
| 31 | 04 4005800030000 | WHIPPLE, SHIRLEYJ. |
| 32 | 04 8003200000000 | Gunn, Brian ~~THOMAS, DENVERG.~~ |
| 33 | 04 8002800000000 | KIDD, WILLIAMK. &KAYLA M. |
| 34 | 04 8002700000000 | TAGG, KENNETHB. |
| 35 | 04 8002600010000 | CLAYTON, RALPHL. |
| 36 | 04 8002500000000 | CLAYTON, RALPHL. |
| 37 | 04 8002500010000 | POND, SIDNEYP. &VICKIE L. |
| 38 | 04 4005800130000 | RICHEY, ROBERTL. |
| 39 | 04 8003800010000 | CHAMBERS, MONTEJ. |
| 40 | 04 8002900010000 | LITMAN, RICHARDE. JR. |
| 41 | 04 4005800170000 | KIDD, JAMESE. |
| 42 | 04 4005800180000 | TRIPLETT, JASONL. & TRICIAL. |
| 43 | 04 4005800190000 | STERN, JAMESM. |
| 44 | 04 4005800120000 | CARPENTER, DONALDT. |
| 45 | 04 4002900000000 | RICHMOND, LESTERA. & JANETE. |
| 46 | 04 8003700000000 | HICKS, THOMASE. & LESLIEM. |
| 47 | 04 8002300000000 | WILLIAMS, MABELJ. |
| 48 | 04 9000100000000 | OAKGROVEM.E. CHURCH TRUSTEES |
| 49 | 04 9000200170000 | SCHUMAN, GUERRYJ. & SUZANNEK. |
| 50 | 04 9000200000000 | SCHUMAN, GUERRYJ. & SUZANNEK. |
| 51 | 04 4006000000000 | DULANEY, TIMOTHYS. & SHIRLEYM. |
| 52 | 04 4005800020000 | WHIPPLE, SHIRLEYJ. |
| 53 | 04 8002900020000 | WINER, VALANDREW |
| 54 | 04 9000200110000 | LOSH, ROGERW. &JODY L. |
| 55 | 04 9000200030000 | HENRY, MINNIEL. |
| 56 | 04 9000200100000 | KOONCE, MARTHAJ. & JAMES |
| 57 | 04 9000200060000 | MINOR, CAROLL. |
| 58 | 04 9001100000000 | BUCHANAN, MARNIEKAY |
| 59 | 04 4005900000000 | FERRELL, AGNES |
| 60 | 04 9000200040000 | MCGARY, RUBYL. - LIFE ESTATE |
| 61 | 04 4005800210000 | STANLEY, DAVIDB. & SHEILA |
| 62 | 04 8003600000000 | GAREY, LILLIEL. |
| 63 | 04 8003500000000 | STERN, RONALDE. |
| 65 | 04 4005300040000 | WAYNE, RETTAJ. |
| 66 | 04 4005300110000 | DOBBS, MICHAELW. &JO ANN |
| 67 | 04 4005300130000 | DOBBS, MICHAELW. &JO ANN |
| 68 | 04 4005400000000 | CARMICHAEL, MATTHEW A. |
| 70 | 04 4005800010000 | FERRELL, AGNES |
| 71 | 04 4005800070000 | MCGARY, JUDITHL. |
| 72 | 04 4005800100000 | OCH, JOHNH. III |
| 73 | 04 4005800110000 | CHAMBERS, JELINDA& MONTE |
| 74 | 04 4005800160000 | YOUNG, CHARLENES. |
| 75 | 04 4005800200000 | CARPENTER, DONALDT. |
| 76 | 04 4006000020000 | YOUNG, CHARLENES. |
| 78 | 04 4007300000000 | ATWELL, WILLARDL. |
| 79 | 04 4007400000000 | CONSOLIDATIONCOAL COMPANY |
| 81 | 04 8001700000000 | ASTON, HENRYW. &LINDA M.-LIFEESTATE |
| 82 | 04 8002600000000 | POND, SIDNEYP. &VICKIE L. |
| 83 | 04 8002600020000 | CLAYTON, RALPHL. |
| 84 | 04 8002900000000 | LITMAN, RICHARDE. JR. |
| 85 | 04 8003000000000 | LITMAN, RICHARDE. JR. |
| 86 | 04 8003100000000 | LITMAN, RICHARDE. JR. |
| 87 | 04 8003400000000 | SCHABER, LESLIEB. & LORID. |
| 88 | 04 8003500020000 | WINER, VALANDREW |
| 89 | 04 8003600010000 | POND, SIDNEYP. &VICKIE L. |
| 90 | 04 8003900000000 | CONSOLIDATIONCOAL COMPANY |
| 93 | 04 9000200010000 | HENRY, MINNIEL. |
| 94 | 04 9000200020000 | OAKGROVEM.E. CHURCH TRUSTEES |
| 97 | 04 9000200070000 | SCHUMAN, GUERRYJ. & SUZANNEK. |
| 98 | 04 9000200080000 | SCHUMAN, GUERRYJ. & SUZANNEK. |
| 99 | 04 9000200120000 | RYAN, JEFFREYL. |
| 100 | 04 9000200130000 | LOSH, ROGERW. &JODYL. |
| 101 | 04 9000200140000 | KOONCE, JAMESL. |
| 102 | 04 9000200150000 | SCHUMAN, GUERRYJ. & SUZANNEK. |
| 17 (2pieces) | 04 [illegible] | WOODS, H[illegible]ELJ. ESTATE |
| 64&77 (2pieces) | 04 [illegible] | RIC[illegible]MOND, JANETE.-[illegible]EESTATE |
| 95&96 (2pieces) | 04 9000200050000 | [illegible]N, JEFFREYL. |
| [illegible] | 04 [illegible]4005800060000 | WILSON, LARRYE. |

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| | | | |
|---|---|---|---|
| SURFACE OWNER: | CHEVRON U.S.A. INC. | COUNTY: | MARSHALL |
| OIL/GAS OWNER: | MARGARET E. HOSTUTLER | DISTRICT: | WASHINGTON |
| WELL OPERATOR: | CHEVRON APPALACHIA, LLC | SURVEYOR: | BLUE MOUNTAIN INC. |
| ADDRESS: | 800 MOUNTAIN VIEW DRIVE<br>SMITHFIELD, PA 15478 | ADDRESS: | 10125 MASON DIXON HIGHWAY<br>BURTON, WV 26562 |
| PHONE: | 724-564-3700 | PHONE: | 304-662-6486 |

# WATER SUPPLY EXHIBIT

Date: 6/02/2015

## HOSTUTLER

Blue Mountain Inc.

| LETTER | NAME | SUPPLY | LAT | LON | PHONE |
|---|---|---|---|---|---|
| A | POND,SIDNEYP.&VICKIB.. | STREAM | 39.867793 | -80.722609 | 304-845-6520 |
| B | POND,SIDNEYP.&VICKIB.. | WELL | 39.869225 | -80.722788 | 304-845-6520 |
| C | POND,SIDNEYP.&VICKIB.. | STREAM | 39.868514 | -80.723097 | 304-845-6520 |
| D | POND,SIDNEYP.&VICKIB.. | STREAM | 39.86931 | -80.722737 | 304-845-6520 |
| E | ADKINS,JASONB.& DAWNR. | SPRING | 39.881035 | -80.714357 | 304-502-3377 |
| F | MOUNTAINEER ENTERPRISESLLC | WELL | 39.885251 | -80.72236 | 304-845-7537(Cindy Weedlebush) 304-280-2300 304-281-0115(Kevin Quinn) |
| G | MOUNTAINEER ENTERPRISESLLC | WELL | 39.885613 | -80.72395 | 304-845-7537(Cindy Weedlebush) 304-280-2300 304-281-0115(Kevin Quinn) |
| H | MOUNTAINEER ENTERPRISESLLC | PONDS | 39.883837 | -80.722976 | 304-845-7537(Cindy Weedlebush) 304-280-2300 304-281-0115(Kevin Quinn) |
| I | MOUNTAINEER ENTERPRISESLLC | PONDS | 39.883609 | -80.722614 | 304-845-7537(Cindy Weedlebush) 304-280-2300 304-281-0115(Kevin Quinn) |
| J | WOODS,RICHARDW | SPRING | 39.889368 | -80.708306 | 304-845-5769or304-281-6586 |
| K | WOODS,RICHARDW | SPRING | 39.888534 | -80.71085 | 304-845-5769or304-281-6586 |
| L | WOODS,RICHARDW | SPRING | 39.88933 | -80.713723 | 304-845-5769or304-281-6586 |
| M | WOODS,RICHARDW | PONDS | 39.889538 | -80.71406 | 304-845-5769or304-281-6586 |
| N | SCHWING,GREGORYL. | STREAM | 39.886607 | -80.716699 | 304-845-5796 |
| O | SCHWING,GREGORYL. | PONDS | 39.886625 | -80.716198 | 304-845-5796 |
| P | DUFFY,JOHNE. | WELL | 39.887141 | -80.714778 | 304-845-7807 |
| Q | HYDE,VERNONL. | WELL | 39.885028 | -80.724943 | 304-845-9538 |
| R | MILLER,GLENNR. | SPRING | 39.883955 | -80.714592 | 304-845-2337 |

| | 14H | 12H | 10H | 8H | 6H | 2H | 4H | 16H | 18H | 20H |
|---|---|---|---|---|---|---|---|---|---|---|
| A | 3874 | 3873 | 3873 | 3872 | 3871 | 3841 | 3842 | 3843 | 3844 | 3845 |
| B | 3445 | 3442 | 3440 | 3437 | 3435 | 3405 | 3408 | 3410 | 3413 | 3415 |
| C | 3711 | 3709 | 3707 | 3705 | 3703 | 3673 | 3675 | 3677 | 3679 | 3681 |
| D | 3411 | 3408 | 3406 | 3404 | 3401 | 3371 | 3374 | 3376 | 3379 | 3381 |
| E | 1481 | 1480 | 1480 | 1480 | 1480 | 1510 | 1510 | 1510 | 1510 | 1511 |
| F | 3372 | 3356 | 3339 | 3323 | 3307 | 3325 | 3341 | 3357 | 3373 | 3389 |
| G | 3724 | 3707 | 3690 | 3673 | 3656 | 3671 | 3688 | 3705 | 3723 | 3740 |
| H | 3042 | 3024 | 3006 | 2989 | 2971 | 2986 | 3003 | 3021 | 3038 | 3056 |
| I | 2914 | 2896 | 2879 | 2861 | 2844 | 2858 | 2876 | 2893 | 2911 | 2928 |
| J | 4950 | 4951 | 4952 | 4953 | 4955 | 4984 | 4983 | 4982 | 4981 | 4980 |
| K | 4384 | 4383 | 4382 | 4381 | 4380 | 4409 | 4410 | 4412 | 4413 | 4414 |
| L | 4457 | 4452 | 4447 | 4442 | 4438 | 4467 | 4471 | 4476 | 4481 | 4486 |
| M | 4518 | 4512 | 4507 | 4502 | 4496 | 4525 | 4531 | 4536 | 4541 | 4547 |
| N | 3408 | 3399 | 3391 | 3382 | 3374 | 3401 | 3409 | 3418 | 3426 | 3435 |
| O | 3413 | 3405 | 3397 | 3389 | 3382 | 3409 | 3417 | 3425 | 3433 | 3440 |
| P | 3626 | 3620 | 3614 | 3609 | 3603 | 3632 | 3637 | 3643 | 3649 | 3655 |
| Q | 3727 | 3709 | 3691 | 3673 | 3655 | 3668 | 3686 | 3704 | 3722 | 3740 |
| R | 2487 | 2483 | 2478 | 2474 | 2470 | 2500 | 2504 | 2508 | 2512 | 2516 |

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# WATER SUPPLY EXHIBIT

Date: 6/02/2015

## HOSTUTLER

Blue Mountain Inc.

| | | | | | |
|---|---|---|---|---|---|
| S | CARMICHAEL, MATTHEWA. | WELL | 39.882587 | -80.713755 | not provided |
| T | Gunn, Brian ~~THOMAS, DENVER O.~~ | SPRING | 39.873975 | -80.724488 | 304-280-8085 304-780-5656 |
| U | TAGG, KENNETHB. | WELL | 39.871822 | -80.723312 | 304-845-0280 |
| V | POND, SIDNEY P. & VICKIEL. | WELL | 39.871167 | -80.723544 | 304-845-6520 |
| W | POND, SIDNEY P. & VICKIEL. | WELL | 39.87163 | -80.1723733 | 304-845-6520 |
| X | POND, SIDNEY P. & VICKIEL. | STREAM | 39.871106 | -80.723524 | 304-845-6520 |
| Y | POND, SIDNEY P. & VICKIEL. | STREAM | 39.871226 | -80.723275 | 304-845-6520 |
| Z | CHAMBERS, MONTEJ. | PONDS | 39.878604 | -80.712117 | 304-845-4533 |
| A1 | TRIPLETT, JASONL. & TRICIA L. | WELL | 39.879255 | -80.711407 | 304-845-6924 |
| B1 | TRIPLETT, JASONL. & TRICIA L. | PONDS | 39.880003 | -80.710198 | 304-845-6924 |
| C1 | HICKS, THOMAS E. & LESLIEM. | WELL | 39.870995 | -80.712375 | 304-559-7031 |
| D1 | HICKS, THOMAS E. & LESLIEM. | WELL | 39.869666 | -80.714967 | 304-559-7031 |
| E1 | HICKS, THOMAS E. & LESLIEM. | PONDS | 39.870994 | -80.715838 | 304-559-7031 |
| F1 | WILLIAMS, MABEL J. | WELL | 39.867306 | -80.726008 | 304-845-9499 |
| G1 | DULANEY, TIMOTHY S. & SHIRLEY M. | SPRING | 39.882669 | -80.704205 | 304-845-3365 |
| H1 | DULANEY, TIMOTHY S. & SHIRLEY M. | WELL | 39.88263 | -80.706383 | 304-845-3365 |
| I1 | FERRELL, AGNES | WELL | 39.878541 | -80.709467 | 304-845-2841 304-845-6773 304-780-3399 |
| J1 | MCGARY, RUBY L. - LIFE ESTATE | SPRING | 39.876919 | -80.708425 | 304-845-3267 |

| | 2H | 4H | 6H | 8H | 10H | 12H | 14H | 16H | 18H | 20H |
|---|---|---|---|---|---|---|---|---|---|---|
| S | 2070 | 2068 | 2067 | 2066 | 2066 | 2096 | 2096 | 2097 | 2098 | 2099 |
| T | 2589 | 2577 | 2564 | 2552 | 2540 | 2516 | 2528 | 2541 | 2553 | 2565 |
| U | 2790 | 2783 | 2776 | 2770 | 2763 | 2735 | 2741 | 2748 | 2755 | 2762 |
| V | 3008 | 3002 | 2995 | 2990 | 2984 | 2955 | 2961 | 2967 | 2973 | 2979 |
| W | 2886 | 2879 | 2872 | 2865 | 2859 | 2830 | 2837 | 2844 | 2851 | 2858 |
| X | 3020 | 3014 | 3008 | 3003 | 2997 | 2968 | 2974 | 2980 | 2986 | 2992 |
| Y | 2941 | 2935 | 2929 | 2924 | 2918 | 2889 | 2895 | 2901 | 2907 | 2913 |
| Z | 1274 | 1287 | 1301 | 1315 | 1330 | 1351 | 1337 | 1323 | 1309 | 1296 |
| A1 | 1555 | 1568 | 1580 | 1593 | 1606 | 1629 | 1616 | 1604 | 1591 | 1579 |
| B1 | 1985 | 1996 | 2008 | 2020 | 2032 | 2056 | 2044 | 2032 | 2021 | 2009 |
| C1 | 2533 | 2549 | 2564 | 2580 | 2595 | 2576 | 2561 | [illegible] | 2530 | 2514 |
| D1 | 2790 | 2801 | 2811 | 2822 | 2833 | 2808 | 2797 | [illegible] | 2775 | 2765 |
| E1 | 2285 | 2294 | 2303 | 2313 | 2323 | 2297 | [illegible] | 2277 | 2268 | 2258 |
| F1 | 4533 | 4529 | 4525 | 4521 | 4516 | 4487 | 4491 | 4495 | 4500 | 4504 |
| G1 | 3927 | 3938 | 3950 | 3962 | 3974 | 3998 | 3986 | 3974 | 3963 | 3951 |
| H1 | 3404 | 3414 | 3424 | 3435 | 3445 | 3471 | 3460 | 3450 | 3440 | 3429 |
| I1 | 1975 | 1991 | 2007 | 2023 | 2039 | 2057 | 2041 | 2025 | 2009 | 1994 |
| J1 | 2215 | 2234 | 2252 | 2271 | 2290 | 2300 | 2282 | 2263 | 2244 | 2226 |

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05 101862

Date: 6/02/2015

# WATER SUPPLY EXHIBIT
## HOSTUTLER

Blue Mountain Inc.

05101862

| | | | | | |
|---|---|---|---|---|---|
| K1 | GAREY, LILLIE L. | WELL | 39.869748 | -80.722702 | 304-845-2162 |
| L1 | GAREY, LILLIE L. | STREAM | 39.87013 | -80.723448 | 304-845-2162 |
| M1 | STERN, RONALD E. | STREAM | 39.876036 | -80.720759 | 304-845-0925 |
| N1 | STERN, RONALD E. | PONDS | 39.875037 | -80.722786 | 304-845-0925 |
| O1 | STERN, RONALD E. | PONDS | 39.875398 | -80.722494 | 304-845-0925 |
| P1 | CARMICHAEL, MATTHEWA | WELL | 39.882587 | -80.713755 | not provided |
| Q1 | MCGARY, JUDITH L. | STREAM | 39.879812 | -80.709088 | not provided |
| R1 | CHAMBERS, JELINDA & MONTE | SPRING | 39.876782 | -80.711742 | 304-845-4533 |
| S1 | YOUNG, CHARLENE S. | WELL | 39.882416 | -80.707514 | 304-845-3353 |
| T1 | ASTON, HENRY W. & LINDA M. - LIFE ESTATE | WELL | 39.871043 | -80.731828 | 304-845-8566 |
| U1 | POND, SIDNEY P. & VICKIE L. | STREAM | 39.871721 | -80.723131 | 304-845-6520 |
| V1 | CLAYTON, RALPH L. | WELL | 39.871473 | -80.723897 | 304-845-3507 |
| W1 | LITMAN, RICHARD E. JR. | WELL | 39.873263 | -80.724231 | 304-845-5704 |
| X1 | WINER, VAL ANDREW | WELL | 39.872726 | -80.723682 | 304-845-4573 |
| Y1 | WINER, VAL ANDREW | WELL | 39.872572 | -80.723972 | 304-845-4573 |
| Z1 | POND, SIDNEY P. & VICKIE L. | WELL | 39.87066 | -80.722761 | 304-845-6520 |
| A2 | POND, SIDNEY P. & VICKIE L. | SPRING | 39.870629 | -80.721739 | 304-845-6520 |
| B2 | POND, SIDNEY P. & VICKIE L. | SPRING | 39.871399 | -80.722239 | 304-845-6520 |

| | 2H | 4H | 6H | 8H | 10H | 12H | 14H | 16H | 18H | 20H |
|---|---|---|---|---|---|---|---|---|---|---|
| K1 | 3271 | 3268 | 3265 | 3263 | 3260 | 3230 | 3233 | 3236 | 3239 | 3242 |
| L1 | 3280 | 3275 | 3271 | 3266 | 3262 | 3233 | 3237 | 3241 | 3246 | 3251 |
| M1 | 1327 | 1312 | 1298 | 1284 | 1270 | 1249 | 1263 | 1277 | 1291 | 1306 |
| N1 | 1990 | 1977 | 1964 | 1951 | 1938 | 1915 | 1928 | 1941 | 1955 | 1968 |
| O1 | 1864 | 1850 | 1836 | 1823 | 1809 | 1787 | 1801 | 1815 | 1829 | 1843 |
| P1 | 2070 | 2068 | 2067 | 2066 | 2066 | 2096 | 2096 | 2097 | 2098 | 2099 |
| Q1 | 2229 | 2242 | 2256 | 2269 | 2282 | 2305 | 2291 | 2278 | 2265 | 2252 |
| R1 | 1292 | 1311 | 1331 | 1350 | 1369 | 1377 | 1358 | 1339 | 1320 | 1301 |
| S1 | 3101 | 3111 | 3121 | 3130 | 3140 | 3166 | 3157 | 3147 | 3137 | 3128 |
| T1 | 4909 | 4897 | 4885 | 4872 | 4860 | 4836 | 4849 | 4861 | 4873 | 4886 |
| U1 | 2781 | 2775 | 2768 | 2762 | 2756 | 2727 | 2733 | 2740 | 2746 | 2753 |
| V1 | 2996 | 2989 | 2982 | 2975 | 2968 | 2940 | 2947 | 2954 | 2961 | 2968 |
| W1 | 2658 | 2647 | 2636 | 2626 | 2615 | 2590 | 2600 | [illegible] | 2622 | 2633 |
| X1 | 2647 | 2638 | 2629 | 2621 | 2612 | 2585 | 2594 | 2603 | 2612 | 2621 |
| Y1 | 2746 | 2737 | 2728 | 2719 | 2710 | 2683 | 2692 | 2701 | 2710 | 2719 |
| Z1 | 3009 | 3005 | 3001 | 2996 | 2992 | 2963 | 2967 | 2971 | 2976 | 2980 |
| A2 | 2855 | 2853 | 2850 | 2847 | 2845 | 2815 | 2818 | 2820 | 2823 | 2826 |
| B2 | 2706 | 2702 | 2697 | 2693 | 2689 | 2659 | 2664 | 2668 | 2673 | 2677 |

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Date: 6/02/2015

# WATER SUPPLY EXHIBIT
## HOSTUTLER

Blue Mountain Inc.

05101862

| | | | | | |
|---|---|---|---|---|---|
| C2 | POND, SIDNEY P. & VICKIE L. | STREAM | 39.870861 | -80.7232 | 304-845-6520 |
| D2 | SCHUMAN, GUERRY J. & SUZANNE K. | STREAM | 39.875686 | -80.701222 | 612-849-1456 |
| E2 | SCHUMAN, GUERRY J. & SUZANNE K. | STREAM | 39.877024 | -80.70322 | 612-849-1456 |
| F2 | SCHUMAN, GUERRY J. & SUZANNE K. | STREAM | 39.873932 | -80.701614 | 612-849-1456 |
| G2 | SCHUMAN, GUERRY J. & SUZANNE K. | STREAM | 39.874241 | -80.700996 | 612-849-1456 |
| H2 | RYAN, JEFFREY L. | WELL | 39.873064 | -80.708767 | 304-845-3267 |
| I2 | RYAN, JEFFREY L. | SPRING | 39.873817 | -80.709114 | 304-845-3267 |
| J2 | RYAN, JEFFREY L. | SPRING | 39.873439 | -80.710647 | 304-845-3267 |
| K2 | RYAN, JEFFREY L. | SPRING | 39.872015 | -80.709154 | 304-845-3267 |
| L2 | RYAN, JEFFREY L. | SPRING | 39.871534 | -80.707541 | 304-845-3267 |
| M2 | RYAN, JEFFREY L. | PONDS | 39.872429 | -80.710059 | 304-845-3267 |

| | 2H | 4H | 6H | 8H | 10H | 12H | 14H | 16H | 18H | 20H |
|---|---|---|---|---|---|---|---|---|---|---|
| C2 | 3028 | 3023 | 3018 | 3013 | 3008 | 2979 | 2984 | 2989 | 2994 | 2999 |
| D2 | 4271 | 4291 | 4310 | 4329 | 4348 | 4357 | 4337 | 4318 | 4299 | 4280 |
| E2 | 3673 | 3692 | 3710 | 3728 | 3747 | 3759 | 3740 | 3722 | 3703 | 3685 |
| F2 | 4297 | 4317 | 4337 | 4357 | 4376 | 4380 | 4361 | 4341 | 4321 | 4301 |
| G2 | 4435 | 4454 | 4474 | 4494 | 4513 | 4519 | 4499 | 4479 | 4459 | 4440 |
| H2 | 2609 | 2629 | 2648 | 2668 | 2687 | 2682 | 2662 | 2642 | 2623 | 2603 |
| I2 | 2375 | 2395 | 2415 | 2435 | 2455 | 2451 | 2431 | 2411 | 2391 | 2371 |
| J2 | 2111 | 2130 | 2149 | 2168 | 2187 | 2179 | 2160 | 2140 | 2121 | 2102 |
| K2 | 2770 | 2789 | 2808 | 2827 | 2845 | 2836 | 2817 | 2798 | 2779 | 2760 |
| L2 | 3224 | 3243 | 3262 | 3282 | 3301 | 3293 | 3274 | 3254 | 3235 | 3216 |
| M2 | 2483 | 2501 | 2520 | 2539 | 2558 | 2547 | 2529 | 2510 | 2491 | 2472 |

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Office of Oil & Gas
JUL 14 2015

WW-70
Rev. 7/01

05101862

# Affidavit of Personal Service

State Of Pennsylvania

County Of Fayette

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

(1) Notice on Form WW-2(A)__/ WW-3(A)__/ WW-4(A)__/ WW-5(A)__/ WW-6(A)✓
(2) Application on Form WW-2(B)__/ WW-3(B)__/ WW-4(B)__/ WW-5(B)__/ WW-6(B)✓
(3) Plat showing the well location on Form WW-6, and
(4) Construction and Reclamation Plan on Form WW-9

--all with respect to operator's Well No. 8H, 10H, 12H located in Clay District, Marshall County, West Virginia, upon the person or organization named--
Chevron U.S.A., Inc
--by delivering the same in Fayette County, State of Pennsylvania on the 15th day of June, 2015 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:
[ ] Handing it to him___/ her___/ or, because he___/ she___/ refused to take it when offered it, by leaving it in his___/ her___/ presence.

[ ] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:
[ ] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:
[ ] Handing it to the general partner, named_____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:
[X] Handing it to the corporation's employee X/ officer___/ director___/ attorney in fact___/ named Stefan Keplinger.

(Signature of person executing service)

Taken, subscribed and sworn before me this 15 day of June 2015.
My commission expires Sept 2, 2018.

Kristen Brooks
Notary Public

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Received
Office of Oil & Gas
JUL 14 2015

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: VERNON L. HYDE
Address: 29 FALLS CREEK LN
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'04" LON: 80°43'32" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HYDE |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, PA 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

PAUL W. & AMANDA LIGHTNER
RR 5 BOX 51C
MOUNDSVILLE, WV 26041
HOSTUTLER SITE

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature
X Amanda Lightner
☐ Agent
☒ Addressee

B. Received by (Printed Name) AMANDA LIGHTNER
C. Date of Delivery 11/17/1

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☐ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7013 3020 0000 1888 1712

PS Form 3811, July 2013 Domestic Return Receipt

05101862

Received
Office of Oil & Gas
JUL 14 2015

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: PAUL W. & AMANDA LIGHTNER
Address: RR 5 BOX 51C
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'29" LON:80°44'02" |
| County: | MARSHALL | Public Road Access: | CR 21/12,CONNER LANE ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | LIGHTNER |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa. 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

05101862

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: CLARICE HYDE
Address: 36 TIFFANY LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'20" LON: 80°43'36" |
| County: | MARSHALL | Public Road Access: | CR54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HYDE |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
JUL 14 2015

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: DARLENE HOGAN LUCAS
Address: 1775 BIG GRAVE CREEK RD
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'15" LON: 80°43'34" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | LUCAS |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: LARRY M. BUKOSKY ET UX
Address: 58 TIFFANY LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'18" LON: 80°43'38" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | BUKOSKY |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: LARRY M. BUKOSKY ET UX
Address: 58 TIFFANY LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'17" LON: 80°43'37" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | BUKOSKY |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

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**SENDER: COMPLETE THIS SECTION**

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

LARRY M. BUKOSKY ET UX
58 TIFFANY LN
MOUNDSVILLE, WV 26041
HOSTUTLER SITE

**COMPLETE THIS SECTION ON DELIVERY**

A. Signature
X Larry M Bukosky
☐ Agent
☒ Addressee

B. Received by (Printed Name) LARRY M BUKOSKY
C. Date of Delivery 11-15-14

D. Is delivery address different from item 1? ☐ Yes
If YES, enter delivery address below: ☒ No

3. Service Type
☐ Certified Mail® ☐ Priority Mail Express™
☐ Registered ☐ Return Receipt for Merchandise
☐ Insured Mail ☐ Collect on Delivery

4. Restricted Delivery? (Extra Fee) ☐ Yes

2. Article Number (Transfer from service label) 7013 3020 0000 1888 1804

PS Form 3811, July 2013 Domestic Return Receipt

05101862

Received
Office of Oil & Gas
JUL 14 2015

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: SUSAN M. & SEAN RAYMOND COOLEY
Address: RR 5 BOX 82
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'21" LON: 80°43'36" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | COOLEY |

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**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-4894 |

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Office of Oil & Gas
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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: JOHN D. & CATHY L. LIGHTNER
Address: 122 LIGHTNER LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'26" LON: 80°43'54" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK- GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | LIGHTER |

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**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

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# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: JOHN D. & CATHY L. LIGHTNER
Address: 122 LIGHTNER LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'25" LON:80°43'49" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | LIGHTNER |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: JOHN D. & CATHY L. LIGHTNER
Address: 122 LIGHTNER LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'25" LON: 80°44'05" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK- GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | LIGHTER |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Office of Oil & Gas
JUL 14 2015

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: ROGER N. HEMPHILL ET UX
Address: 1514 BIG GRAVE CREEK RD
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'28" LON: 80°43'25" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HEMPHILL |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive, Smithfield, WV 26578 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: THOMAS L. HAUGHT ET AL
Address: 1860 BIG GRAVE CREEK RD
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'18" LON: 80°43'29" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HAUGHT |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive, Smithfield, Pa. 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

Received
Office of Oil & Gas
JUL 14 2015

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The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: WILLIAM KIDD JR. ET UX
Address: RR 5 BOX 92
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'15" LON: 80°43.31" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | KIDD |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
JUL 14 2015

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: HARRY K. HYDE ET UX
Address: 38 TIFFANY LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT:39°53'21" LON: 80°43'16" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HYDE |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive, Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

05101862

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: HARRY K. HYDE ET UX
Address: 38 TIFFANY LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'17" LON: 80°43'35" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HYDE |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

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# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: HARRY K. HYDE ET UX
Address: 38 TIFFANY LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'22" LON: 80°43'36" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HYDE |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa. 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
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Operator Well No. HOSTUTLER
05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

**Date of Notice:** 11-7-2014 **Date of Planned Entry:** 11-14-2014

**Delivery method pursuant to West Virginia Code § 22-6A-10a**

☐ PERSONAL SERVICE ☐ REGISTERED MAIL ☒ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing a permit application, the operator shall provide notice of planned entry on to the surface tract to conduct any plat surveys required pursuant to this article. Such notice shall be provided at least seven days but no more than forty-five days prior to such entry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams beneath such tract that has filed a declaration pursuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any owner of minerals underlying such tract in the county tax records. The notice shall include a statement that copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, which statement shall include contact information, including the address for a web page on the Secretary's web site, to enable the surface owner to obtain copies from the secretary.

**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: JANET ELOWISE RICHMOND - LIFE
Address: 42 BROOKVIEW LN
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°52'58" LON:80°43'40" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | RICHMOND |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
JUL 14 2015

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A3
(1/12)

Operator Well No. HOSTUTLER

05101862

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF ENTRY FOR PLAT SURVEY

**Notice Time Requirement:** Notice shall be provided at least **SEVEN (7)** days but no more than **FORTY-FIVE (45)** days prior to entry

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**Delivery method pursuant to West Virginia Code § 22-6A-10a**

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: MARSHALL COUNTY HUNTING & FISHING
Address: TWELFTH ST
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'55" LON:80°44'07" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | MARSHALL COUNTY HUNTING & FISHING |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3694 |

Received
Office of Oil & Gas
JUL 14 2015

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

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# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: MARSHALL COUNTY HUNTING & FISHING
Address: TWELFTH ST
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°54'07" LON:80°43'50" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | MARSHALL COUNTY HUNTING & FISHING |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3594 |

Received
Office of Oil & Gas
JUL 14 2015

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: MOUNTAINEER ENTERPRISES LLC
Address: 1 N HIGHLAND
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°52'60" LON: 80°43'15" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | MOUNTAINEER ENTERPRISES LLC |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: PAUL W. & AMANDA LIGHTNER
Address: RR 5 BOX 51C
MOUNDSVILLE , WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

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| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'35" LON: 80°44'06" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | LIGHTNER |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: VERNON L. HYDE
Address: 29 FALLS CREEK LN
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

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| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'13" LON: 80°43'49" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | HYDE |

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**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
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Operator Well No. HOSTUTLER

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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: DANIEL D. ROBBINS ET UX
Address: 2249 FORK RIDGE RD
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:

| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°53'35" LON: 80°43'13" |
| County: | MARSHALL | Public Road Access: | CR 17, FORK RIDGE ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | ROBBINS |

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**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

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WW-6A3
(1/12)

Operator Well No. HOSTUTLER

# STATE OF WEST VIRGINIA 05101862
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
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**Notice is hereby provided to:**

☒ SURFACE OWNER(s)
Name: RONALD ELWOOD STERN ET UX
Address: 352 FALLS CREEK LN
MOUNDSVILLE, WV 26041
Name:
Address:
Name:
Address:

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ MINERAL OWNER(s)
Name:
Address:

*please attach additional forms if necessary

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| | | | |
|---|---|---|---|
| State: | WEST VIRGINIA | Approx. Latitude & Longitude: | LAT: 39°52'29" LON: 80°43'17" |
| County: | MARSHALL | Public Road Access: | CR 54, BIG GRAVE CREEK ROAD |
| District: | CLAY | Watershed: | MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED) |
| Quadrangle: | GLEN EASTON | Generally used farm name: | STERN |

Copies of the state Erosion and Sediment Control Manual and the statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450). Copies of such documents or additional information related to horizontal drilling may be obtained from the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

Received
Office of Oil & Gas
JUL 14 2015

**Notice is hereby given by:**

| | | | |
|---|---|---|---|
| Well Operator: | Chevron North America Exploration and Production Company | Address: | 800 Mountain View Drive Smithfield, Pa., 15478 |
| Telephone: | 724-564-3809 | | |
| Email: | skeplinger@chevron.com | Facsimile: | 724-564-3894 |

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6A4
(1/12)

Operator Well No. 10H

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF INTENT TO DRILL

Pursuant to W. Va. Code § 22-6A-16(b), the Notice of Intent to Drill is only required if the notice requirements of W. Va. Code § 22-6A-10(a) have NOT been met or if the Notice of Intent to Drill requirement has NOT been waived in writing by the surface owner.

**Notice Time Requirement:** Notice shall be provided at least **TEN (10)** days prior to filing a permit application.
**Date of Notice:** 06/12/2015 **Date Permit Application Filed:** 07/10/2015

**Delivery method pursuant to West Virginia Code § 22-6A-16(b)**

☒ HAND DELIVERY ☐ CERTIFIED MAIL RETURN RECEIPT REQUESTED

Pursuant to W. Va. Code § 22-6A-16(b), at least ten days prior to filing a permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner notice of its intent to enter upon the surface owner's land for the purpose of drilling a horizontal well: *Provided,* That notice given pursuant to subsection (a), section ten of this article satisfies the requirements of this subsection as of the date the notice was provided to the surface owner: *Provided, however,* That the notice requirements of this subsection may be waived in writing by the surface owner. The notice, if required, shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative.

### Notice is hereby provided to the SURFACE OWNER(s):

Name: Chevron U.S.A. Inc.
Address: 1550 Coraopolis Heights Road
Pittsburgh, PA 15108

Name:
Address:

### Notice is hereby given:

Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

| | | | | |
|---|---|---|---|---|
| State: | West Virginia | UTM NAD 83 | Easting: | 524249.85 |
| County: | Marshall | | Northing: | 4414178.02 |
| District: | Clay | Public Road Access: | | Fork Ridge Road |
| Quadrangle: | Moundsville, WV | Generally used farm name: | | Hostutler |
| Watershed: | Middle Grave Creek - Grave Creek | | | |

### This Notice Shall Include:

Pursuant to West Virginia Code § 22-6A-16(b), this notice shall include the name, address, telephone number, and if available, facsimile number and electronic mail address of the operator and the operator's authorized representative. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

### Notice is hereby given by:

| | | | |
|---|---|---|---|
| Well Operator: | Chevron Appalachia, LLC | Authorized Representative: | |
| Address: | 800 Mountain View Dr<br>Smithfield, PA 15478 | Address: | |
| Telephone: | 724-564-3700 | Telephone: | |
| Email: | | Email: | |
| Facsimile: | | Facsimile: | |

Received
Office of Oil & Gas
JUL 14 2015

### Oil and Gas Privacy Notice:

The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-70
Rev. 7/01

# Affidavit of Personal Service

State Of Pennsylvania

County Of Fayette

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

(1) Notice on Form WW-2(A)__/ WW-3(A)__/ WW-4(A)__/ WW-5(A)__/ WW-6(A) ✓
(2) Application on Form WW-2(B)__/ WW-3(B)__/ WW-4(B)__/ WW-5(B)__/ WW-6(B) ✓
(3) Plat showing the well location on Form WW-6, and
(4) Construction and Reclamation Plan on Form WW-9

--all with respect to operator's Well No. 8H, 10H, 12H located in Clay District, Marshall County, West Virginia, upon the person or organization named--
Chevron U.S.A., Inc
--by delivering the same in Fayette County, State of Pennsylvania on the 15th day of June, 2015 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:
[ ] Handing it to him___/ her___/ or, because he___/ she___/ refused to take it when offered it, by leaving it in his___/ her___/ presence.

[ ] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:
[ ] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:
[ ] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:
[X] Handing it to the corporation's employee X/ officer___/ director___/ attorney in fact___/ named Stefan Keplinger.

(Signature of person executing service)

Taken, subscribed and sworn before me this 15 day of June, 2015.
My commission expires Sept 2, 2018

Kristen Brooks
Notary Public

Received
Office of Oil & Gas
JUL 14 2015

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

WW-6A5
(1/12)

Operator Well No. 10H

# STATE OF WEST VIRGINIA
# DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
## NOTICE OF PLANNED OPERATION

**Notice Time Requirement:** notice shall be provided no later than the **filing date of permit application.**
**Date of Notice:** 06/12/2015 **Date Permit Application Filed:** 07/10/2015

**Delivery method pursuant to West Virginia Code § 22-6A-16(c)**

☐ CERTIFIED MAIL RETURN RECEIPT REQUESTED ☐ HAND DELIVERY

Pursuant to W. Va. Code § 22-6A-16(c), no later than the date for filing the permit application, an operator shall, by certified mail return receipt requested or hand delivery, give the surface owner whose land will be used for the drilling of a horizontal well notice of the planned operation. The notice required by this subsection shall include: (1) A copy of this code section; (2) The information required to be provided by subsection (b), section ten of this article to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. (d) The notices required by this section shall be given to the surface owner at the address listed in the records of the sheriff at the time of notice.

**Notice is hereby provided to the SURFACE OWNER(s)**
(at the address listed in the records of the sheriff at the time of notice):

Name: Chevron U.S.A. Inc.
Address: 1550 Coraopolis Heights Road
Pittsburgh, PA 15108

Name:
Address:

**Notice is hereby given:**
Pursuant to West Virginia Code § 22-6A-16(c), notice is hereby given that the undersigned well operator has developed a planned operation on the surface owner's land for the purpose of drilling a horizontal well on the tract of land as follows:

| | | | | |
|---|---|---|---|---|
| State: | West Virgina | UTM NAD 83 | Easting: | 524249.85 |
| County: | Marshall | | Northing: | 4414178.02 |
| District: | Clay | Public Road Access: | | Fork Ridge Road |
| Quadrangle: | Moundsville, WV | Generally used farm name: | | Hostutler |
| Watershed: | Middle Grave Creek - Grave Creek | | | |

**This Notice Shall Include:**
Pursuant to West Virginia Code § 22-6A-16(c), this notice shall include: (1)A copy of this code section; (2) The information required to be provided by **W. Va. Code § 22-6A-10(b)** to a surface owner whose land will be used in conjunction with the drilling of a horizontal well; and (3) A proposed surface use and compensation agreement containing an offer of compensation for damages to the surface affected by oil and gas operations to the extent the damages are compensable under article six-b of this chapter. Additional information related to horizontal drilling may be obtained from the Secretary, at the WV Department of Environmental Protection headquarters, located at 601 57th Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting www.dep.wv.gov/oil-and-gas/pages/default.aspx.

| | | | |
|---|---|---|---|
| Well Operator: | Chevron Appalachia, LLC | Address: | 800 Mountain View Dr. |
| Telephone: | 724-564-3700 | | Smithfield, PA 15478 |
| Email: | | Facsimile: | |

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

Received
Office of Oil & Gas
JUL 14 2015

WW-70
Rev. 7/01

# Affidavit of Personal Service

State Of Pennsylvania

County Of Fayette

The undersigned, being first duly sworn, says that the undersigned served a true and complete copy of all sides of--

(1) Notice on Form WW-2(A)__/ WW-3(A)__/ WW-4(A)__/ WW-5(A)__/ WW-6(A)✓
(2) Application on Form WW-2(B)__/ WW-3(B)__/ WW-4(B)__/ WW-5(B)__/ WW-6(B)✓
(3) Plat showing the well location on Form WW-6, and
(4) Construction and Reclamation Plan on Form WW-9

--all with respect to operator's Well No. 8H, 10H, 12H located in Clay District, Marshall County, West Virginia, upon the person or organization named--
Chevron U.S.A., Inc
--by delivering the same in Fayette County, State of Pennsylvania on the 15th day of June, 2015 in the manner specified below.

[COMPLETE THE APPROPRIATE SECTION]

For an individual:
[ ] Handing it to him___/ her___/ or, because he___/ she___/ refused to take it when offered it, by leaving it in his___/ her___/ presence.

[ ] Handing it to a member of his or her family above the age of 16 years named _____ who resides at the usual place of abode of the person to be served, and asking the family member to give it to the person to be served as soon as possible.

For a partnership:
[ ] Handing it to _____, a partner of the partnership or, because the partner refused to take it when I handed it over, by leaving it in the presence of the partner.

For a limited partnership:
[ ] Handing it to the general partner, named _____, or, because the general partner refused to take it when I tried to hand it over, by leaving it in the presence of the general partner.

For a corporation:
[X] Handing it to the corporation's employee X/ officer___/ director___/ attorney in fact___/ named Stefan Keplinger.

(Signature of person executing service)

Received
Office of Oil & Gas
JUL 14 2015

Taken, subscribed and sworn before me this 15 day of June, 2015.
My commission expires Sept 2, 2018.

Kristen Brooks
Notary Public

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

WW-6AW
(1-12)

API NO. _____
OPERATOR WELL NO. Hostutler10H
Well Pad Name: Hostutler

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

# VOLUNTARY STATEMENT OF NO OBJECTION

**Instructions to Persons Named on Page WW-6A**
The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**
Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided,* That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

## VOLUNTARY STATEMENT OF NO OBJECTION

I, Ryan Arp, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through _____, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

| | | | | |
|---|---|---|---|---|
| State: | West Virginia | WVSPN NAD 27 | Easting: | 1,658,559.698 |
| County: | Marshall | | Northing: | 503,934.682 |
| District: | Clay | Public Road Access: | | Fork Ridge Road |
| Quadrangle: | MOUNDSVILLE | Generally used farm name: | | |
| Watershed: | Middle Grave Creek - Grave Creek | | | |

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials, **provided that Chevron U.S.A. Inc. drills the well on WV North NAD27 coordinates of North 503,934.682, East 1,658,559.698. This statement does not serve as notice that CONSOL Mining Company LLC has waived its rights to mine all the coal or accept any responsibility for any damage to the well or surface facilities associated with the well by CONSOL Mining Company LLC mining activity. This Voluntary Statement of No Objection does not waive CONSOL Mining Company LLC's Common Law Property Rights in the State of West Virginia.**

| *Please check the box that applies | FOR EXECUTION BY A NATURAL PERSON |
|---|---|
| ☐ SURFACE OWNER | Signature: |
| ☐ SURFACE OWNER (Road and/or Other Disturbance) | Print Name: |
| ☐ SURFACE OWNER (Impoundments/Pits) | Date: |
| ☒ COAL OWNER OR LESSEE | FOR EXECUTION BY A CORPORATION, ETC.<br>Company: CONSOL Mining Company LLC |
| ☐ COAL OPERATOR | By: Ryan Arp<br>Its: Project Engineer |
| ☐ WATER PURVEYOR | Signature: |
| ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD | Date: 6/26/2015 |

Received
Office of Oil & Gas
JUL 14 2015

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

WW-6AW
(1-12)

API NO. _____
OPERATOR WELL NO. Hostutler 10H
Well Pad Name: HOSTUTLER

STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

# VOLUNTARY STATEMENT OF NO OBJECTION

**Instructions to Persons Named on Page WW-6A**
The well operator named on page WW-6A is applying for a permit from the State of West Virginia to conduct oil or gas well work. Well work permits are valid for twenty-four (24) months. Please contact the listed well operator and the Office of Oil and Gas if you do not own any interest in the listed surface tract.

**Comment and Waiver Provisions**
Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

Pursuant to West Virginia Code § 22-6A-8(b) No permit may be issued less than thirty days after the filing date of the application for any well work except plugging or replugging; and no permit for plugging or replugging may be issued less than five days after the filing date of the application except a permit for plugging or replugging a dry hole: *Provided*, That if the applicant certifies that all persons entitled to notice of the application under the provisions of subsection (b), section ten of this article have been served in person or by certified mail, return receipt requested, with a copy of the well work application, including the erosion and sediment control plan, if required, and the well plat, and further files written statements of no objection by all such persons, the secretary may issue the well work permit at any time.

## VOLUNTARY STATEMENT OF NO OBJECTION

I, Alex O'Neill, hereby state that I have read the Instructions to Persons Named on Page WW-6A and the associated provisions listed above, and that I have received copies of a Notice of Application, an Application for a Well Work Permit on Form WW-6A and attachments consisting of pages one (1) through _____, including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

| | | | | |
|---|---|---|---|---|
| State: | West Virginia | West Virginia North State Plane NAD 27 | East: | 1,658,559.698 ft |
| County: | Marshall | | North: | 503,934.682 ft |
| District: | Clay | Public Road Access: | | |
| Quadrangle: | | Generally used farm name: | | |
| Watershed: | | | | |

I further state that I have no objection to the planned work described in these materials, and I have no objection to a permit being issued on those materials, **provided that Chevron U.S.A. Inc. drills the well on West Virginia North State Plane NAD 27 coordinates of North 503,934.682 ft, East 1,658,559.698 ft in accordance with the Agreement between Consolidation Coal Company and Chevron U.S.A. Inc. dated 6/1/2015.**

*Please check the box that applies

- ☐ SURFACE OWNER
- ☐ SURFACE OWNER (Road and/or Other Disturbance)
- ☐ SURFACE OWNER (Impoundments/Pits)
- ☐ COAL OWNER OR LESSEE
- ☒ COAL OPERATOR
- ☐ WATER PURVEYOR
- ☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD

**FOR EXECUTION BY A NATURAL PERSON**

Signature: _____
Print Name: _____
Date: _____

**FOR EXECUTION BY A CORPORATION, ETC.**

Company: Consolidation Coal Company
By: Alex O'Neill
Its: Coal, Oil & Gas Relations Manager
Signature: _____
Date: 6/8/2015

Received
Office of Oil & Gas
JUL 14 2015

**Oil and Gas Privacy Notice:**
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov

05101862

WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

# Division of Highways

1900 Kanawha Boulevard East • Building Five • Room 110
Charleston, West Virginia 25305-0430 • (304) 558-3505

Earl Ray Tomblin
Governor

Paul A. Mattox, Jr., P. E.
Secretary of Transportation/
Commissioner of Highways

May 6, 2015

James A. Martin, Chief
Office of Oil and Gas
Department of Environmental Protection
601 57th Street, SE
Charleston, WV 25304

Subject: DOH Permit for the Hostutler A Well Pad, Marshall County

Hostutler A Unit 8H Hostutler A Unit 10H Hostutler A Unit 12H

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit #06-2015-0197 for the subject site to Chevron Appalachia, LLC for access to the State Road for the well site located off of Marshall County Route 17 SLS.

The operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated January 3, 2012.

Very Truly Yours,

Gary K. Clayton

Gary K. Clayton, P.E.
Regional Maintenance Engineer
Central Office Oil & Gas Coordinator

Received
Office of Oil & Gas
JUL 14 2015

Cc: Kristen R. Brooks
Chevron Appalachia, LLC
CH, OM, D-6
File

NAD 83

# Hydraulic Fracturing Fluid Product Component Information - MSDS Base

| | |
|---|---|
| Fracture Date: | |
| State: | |
| Operator Name: | |
| Well Name and Number: | Hostutler |
| Total Water Volume (gal)*: | |

Hydraulic Fracturing Fluid Composition - MSDS Base

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass)** | Maximum Ingredient Concentration in HF Fluid (% by mass)** | Comments |
|---|---|---|---|---|---|---|---|
| Clean Volume | Chevron AMBU | Carrier/Base Fluid | Water (Including Mix Water Supplied by Client)* | NA | | 89.16250455% | |
| Proppant | Schlumberger | Proppant | | | | | |
| | | | Crystalline Silica | 14808-60-7 | 100 | 10.6[illegible]16923% | |
| M300 | BASF Corporation | Biocide | | | | | |
| | | | Water | 7732-18-5 | 75 | 0.00000000% | |
| | | | Glutaral | 111-30-8 | 25 | 0.00000000% | |
| 7.5% Acid | Schlumberger | Perf Cleanup | | | | | |
| | | | Hydrocloric Acid | 7647-01-0 | 8 | 0.00923732% | |
| 15% Acid | Schlumberger | Perf Cleanup | | | | | |
| | | | Hydrocloric Acid | 7647-01 -0 | 15 | 0.00000000% | |
| A264 | Schlumberger | Corrosion Inhibitor | | | | | |
| | | | Methanol | 67-56-1 | 40 | 0.00004213% | |
| | | | Prop-2-yn-1-ol | 107-19-7 | 10 | 0.00001053% | |
| | | | Aliphatic acids | Proprietary | 30 | 0.00003160% | |
| | | | Aliphatic alcohols, ethoxylayed #1 | Proprietary | 30 | 0.00003160% | |
| | | | | | | | |
| L058 | Schlumberger | Iron Stabilizer | | | | | |
| | | | Sodum erythorbate | 6381-77-7 | 100 | 0.00056630% | |
| J134 | Schlumberger | Gel Breaker | | | | | |
| | | | Hemicellulase enzyme | 9012-54-8 | 100 | 0.00113112% | |
| J580 | Schlumberger | Gelling Agent | | | | | |
| | | | Carbohydrate polymer | Proprietary | 100 | 0.02255679% | |
| J609W | Schlumberger | Friction Reducer | | | | | |
| | | | Ammonium Sulfate | 7783-20-2 | 30 | 0.00054736% | |
| | | | Urea | 57-13-6 | 5 | 0.00054736% | |
| U042 | Schlumberger | Iron Chelating Agent | | | | | |
| | | | Tetrasodium ethylenediam inetetraacetate | 64-02-8 | 60 | 0.00077882% | |
| | | | Sodium hydroxide | 1310-73-2 | 5 | 0.00006490% | |
| | | | Trisodium nitrilotriacetate (im purity) | 5064-31 -3 | 10 | 0.00012980% | |
| B317 | Schlumberger | Scale Inhibitor | | | | | |
| | | | Trisodium ortho phosphate | 7601 -54-9 | 5 | 0.00003882% | |
| | | | Ethane-1 ,2-diol | 1 07-21 -1 | 5 | 0.00003882% | |

* Total Water Volume sources may include fresh water, produced water, and/or recycled water

** Information is based on the maximum potential for concentration and thus the total may be over 100%

Report ID: RPT-24821 (Generated on 2/27/2014 9:48 AM)

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200(i) and Appendix D.

Received
Office of Oil & Gas
JUL 14

Attachment #1

# HOSTUTLER WELL SITE

# EROSION AND SEDIMENT CONTROL PLANS

FORK RIDGE ROAD (S.R. 17)

CLAY DISTRICT, MARSHALL COUNTY, WV

API# 5101861
API# 5101862
API# 5101863

APPROVED
WVDEP OOG
9/28/2015

PREPARED FOR:

## CHEVRON APPALACHIA, LLC

800 MOUNTAIN VIEW DRIVE

SMITHFIELD, PA 15478

### CONSULTANTS

CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
4000 TRIANGLE LANE, SUITE 200
EXPORT, PA 15632
PHONE: 724-327-5200

CIVIL/SITE ENGINEER CONTACT: TODD C. BALDWIN, P.E.
EMAIL ADDRESS: tbaldwin@cec-inc.com

GEOTECHNICAL ENGINEER CONTACT: MICHAEL J. SHELEHEDA, P.E.
EMAIL ADDRESS: msheleheda@cecgroup.com

### SITE COORDINATES AND WATERSHED

START OF ACCESS ROAD
LATITUDE: 39° 52' 49.36" N LONGITUDE: 80° 42' 50.14"

CENTER OF WELL PAD
LATITUDE: 39° 52' 38.47" N LONGITUDE: 80° 42' 58.38"

WELL HEAD 2
LATITUDE: 39° 52' 38.19" N LONGITUDE: 80° 42' 58.73"

CENTER OF TANK PAD
LATITUDE: 39° 52' 47.55" N LONGITUDE: 80° 42' 55.70"

CENTER OF OFF-LOADING PAD
LATITUDE: 39° 52' 47.05" N LONGITUDE: 80° 42' 61.32"

*BASED ON NAD 83, WEST VIRGINIA NORTH ZONE

WATERSHED NAME: UPPER OHIO SOUTH
RECEIVING STREAM: UNNAMED TRIBUTARIES TO CRAVE CREEK

| ENTIRE SITE LIMITS OF DISTURBANCE | |
|---|---|
| TOTAL AREA | 14.3 AC |
| WELL PAD | 5.6 AC |
| TANK PAD | 3.2 AC |
| OFF LOADING PAD | 2.5 AC |
| ACCESS ROAD | 2.2 AC |
| STOCKPILES | 0.6 AC |
| WOODED AREA | 0.8 AC |

| HOSTUTLER LIMITS OF DISTURBANCE | |
|---|---|
| TOTAL AREA | 13.3 AC |
| WELL PAD | 5.6 AC |
| TANK PAD | 3.2 AC |
| OFF LOADING PAD | 2.5 AC |
| ACCESS ROAD | 1.4 AC |
| STOCKPILES | 0.6 AC |
| WOODED AREA | 0.8 AC |

| ADKINS LIMITS OF DISTURBANCE | |
|---|---|
| TOTAL SITE | 0.8 AC |
| ACCESS ROAD | 0.8 AC |

SITE LOCATION MAP

SCALE IN FEET
0 2000 4000

### REFERENCE

U.S.G.S. 7.5' TOPOGRAPHIC MAP, MOUNDSVILLE QUADRANGLE, WV-OH DATED 1950 PHOTO REVISED 1972 AND 1975, GLEN EASTON QUADRANGLE, WV DATED 1950, PHOTO REVISED 1975

| | DWG NO. | SHEET TITLE | INCLUDED |
|---|---|---|---|
| 1 2 | CS000 | COVER SHEET | X |
| 2 | ES050 | EXISTING TOPOGRAPHIC PLAN | X |
| 1 2 | ES100 | OVERALL EROSION AND SEDIMENT CONTROL PLAN | X |
| 2 | ES101 | EROSION AND SEDIMENT CONTROL PLAN (1 OF 2) | X |
| 1 2 | ES102 | EROSION AND SEDIMENT CONTROL PLAN (2 OF 2) | X |
| 2 | ES103 | EROSION AND SEDIMENT CONTROL DETAILS (1 OF 7) | X |
| | ES104 | EROSION AND SEDIMENT CONTROL DETAILS (2 OF 7) | X |
| | ES105 | EROSION AND SEDIMENT CONTROL DETAILS (3 OF 7) | X |
| | ES106 | EROSION AND SEDIMENT CONTROL DETAILS (4 OF 7) | X |
| 2 | ES107 | EROSION AND SEDIMENT CONTROL DETAILS (5 OF 7) | X |
| | ES108 | EROSION AND SEDIMENT CONTROL DETAILS (6 OF 7) | X |
| 2 | ES109 | EROSION AND SEDIMENT CONTROL DETAILS (7 OF 7) | X |
| 2 | ES110 | WELL PAD CROSS-SECTIONS | X |
| 2 | ES111 | EXISTING DRIVEWAY PLAN AND PROFILE | X |
| | ES112 | ACCESS ROAD PLAN AND PROFILE VIEW | X |
| | ES113 | ACCESS ROAD CROSS-SECTIONS | X |
| 1 | GE500 | GEOTECHNICAL SUBSURFACE SUMMARY | X |
| | GE501 | CROSS-SECTIONS | X |
| | GE502 | CROSS-SECTIONS | X |
| 2 | GE503 | TYPICAL NOTES AND DETAILS | X |
| 1 | GE504 | RSS PLAN AND ELEVATION VIEWS | X |
| | GE505 | RSS CROSS-SECTION | X |
| | GE506 | RSS DETAILS | X |
| | GE507 | RSS SPECIFICATIONS AND QUANTITIES | X |
| | PC600 | SITE PLAN WITH AERIAL | X |
| 2 | PC601 | POST CONSTRUCTION RECLAMATION PLAN | X |
| | PC602 | POST CONSTRUCTION RECLAMATION DETAILS (1 OF 2) | X |
| 2 | PC603 | POST CONSTRUCTION RECLAMATION DETAILS (2 OF 2) | X |

### LEGEND

- EXISTING PROPERTY LINE (APPROXIMATE)
- 1100 EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- EXISTING PAVED ROADWAY
- EXISTING UNPAVED ROADWAY
- EXISTING GAS LINE
- EXISTING WATERLINE
- EXISTING CABLE LINE
- OH-E EXISTING OVERHEAD ELECTRIC LINE
- EXISTING SANITARY FEATURE
- EXISTING STREAM
- 100-FT. OFFSET FROM WETLAND OR PERENNIAL STREAM
- EXISTING WETLAND
- EXISTING TREELINE
- EXISTING STRUCTURE
- EXISTING UTILITY POLE
- EXISTING WATER METER
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED GUIDE RAIL
- PROPOSED 3-STRAND HIGH-TENSILE FENCE
- PROPOSED PAVEMENT
- PROPOSED GRAVEL
- PROPOSED OVER/EXCAVATION AREA
- PROPOSED WELLHEAD
- PROPOSED PERIMETER BERM
- 825-FT. OFFSET FROM CENTER OF WELL PAD
- F2 PROPOSED COMPOST FILTER SOCK
- 18FS PROPOSED 18-IN. COMPOST FILTER SOCK
- 24FS PROPOSED 24-IN. COMPOST FILTER SOCK
- PROPOSED TRIPLE STACK COMPOST FILTER SOCK
- CFS PROPOSED COMPOST FILTER SOCK TRAP
- PROPOSED ORANGE CONSTRUCTION FENCE
- PROPOSED INLET PROTECTION
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- 1100 PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- 1152.05 PROPOSED SPOT ELEVATION
- 31 PROPOSED STORMWATER CULVERT
- PROPOSED RSS OUTLET DRAIN
- PROPOSED INLET
- PROPOSED RIPRAP APRON
- PROPOSED TEMPORARY VEGETATED CHANNEL

### REFERENCES

1. SURVEY PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC), DATED 8/22/2014 AND 10/13/2014. TOPOGRAPHY WITHIN PROJECT LIMITS WAS SURVEYED BY CEC. TOPOGRAPHY OUTSIDE OF THE SURVEYED AREA IS SUPPLEMENTED WITH WEST VIRGINIA LIDAR, DATED 2013.
2. STREAM AND WETLANDS SHOWN PER CEC FIELD DELINEATION, DATED 7/8/2014, 8/11/2014, AND 2/24/2015.
3. UTILITY POTHOLING CONDUCTED BY K2 ENGINEERS, INC. AND LOCATIONS PROVIDED BY CHEVRON ON 3/3/2015.

TICKET NO. 11419146262

MISS UTILITY OF WEST VIRGINIA
1-800-245-4848
West Virginia State Law
(Section XV Chapter 24-C requires that you call two business days before you dig in the state of West Virginia)
IT'S THE LAW

CEC
Civil & Environmental Consultants, Inc.
4000 Triangle Lane, Suite 200 - Export, PA 15632
724-327-5200 800-839-3613
www.cec-inc.com

STATE OF

REVISION RECORD

| No. | Date | Description |
|---|---|---|
| 1 | 09/18/15 | REVISED PER WVDEP REVIEW COMMENTS |
| 2 | 09/28/15 | REVISED PER WVDEP COMMENTS |

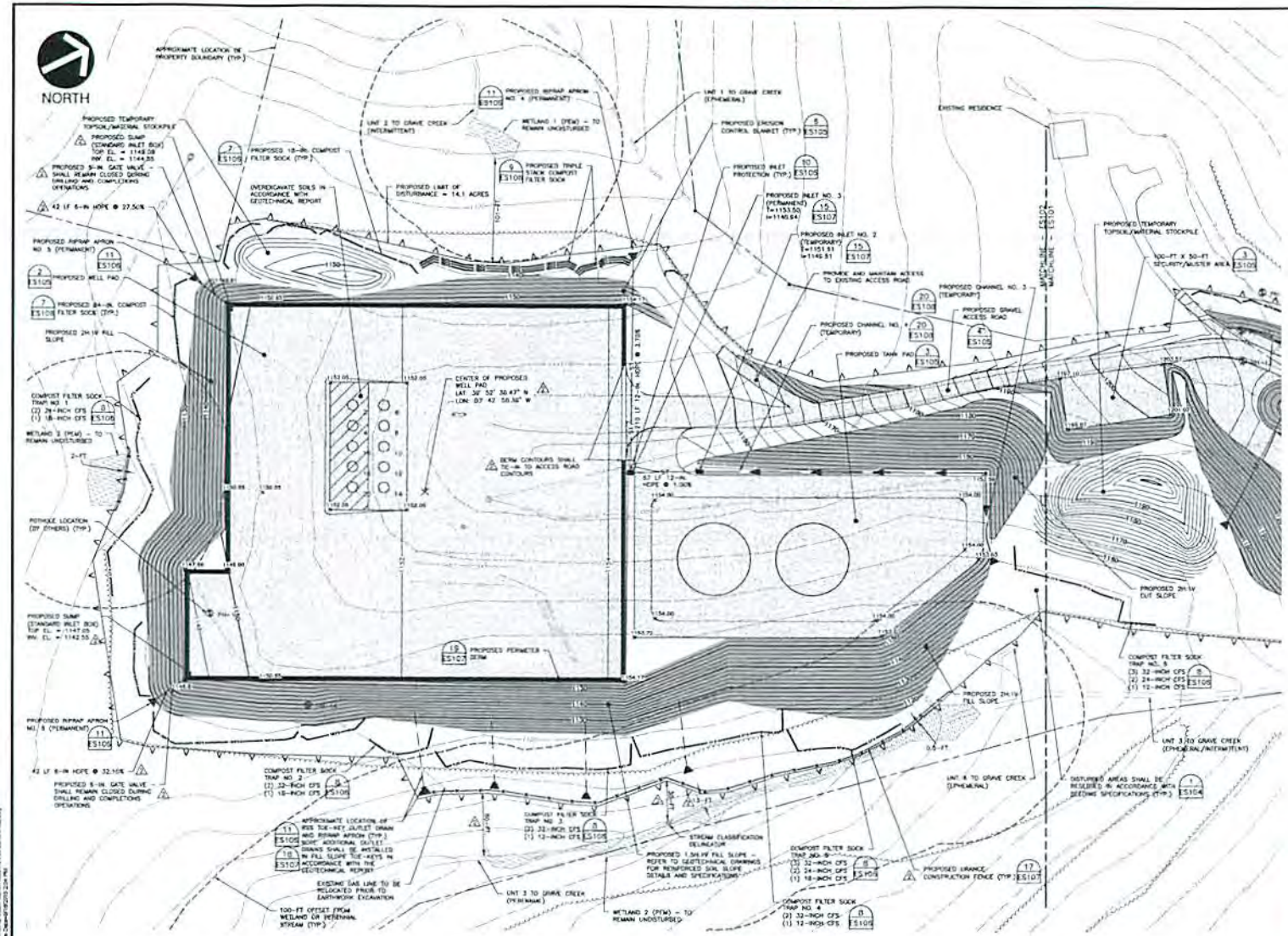
HOSTUTLER WELL SITE
CLAY DISTRICT
MARSHALL COUNTY, WV
PREPARED FOR:
CHEVRON APPALACHIA, LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

COVER SHEET

Project Number: 142-084
Drawing Scale: AS SHOWN
Date Issued: 04/30/15
Index Number:
Drawn By: JAM
Checked By: TCB
Project Manager: MJS

CS000

Attachment #1




LEGEND

- EXISTING PROPERTY LINE (APPROXIMATE)
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- EXISTING PAVED ROADWAY
- EXISTING UNPAVED ROADWAY
- EXISTING GAS LINE
- EXISTING WATERLINE
- EXISTING CABLE LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING SANITARY FEATURE
- EXISTING STREAM
- 100-FT OFFSET FROM WETLAND OR PERENNIAL STREAM
- EXISTING WETLAND
- EXISTING TREELINE
- EXISTING STRUCTURE
- EXISTING UTILITY POLE
- EXISTING WATER METER
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED GUIDE RAIL
- PROPOSED 3-STRAND HIGH-TENSILE FENCE
- PROPOSED PAVEMENT
- PROPOSED GRAVEL
- PROPOSED OVEREXCAVATION AREA
- PROPOSED WELLHEAD
- PROPOSED PERIMETER BERM
- PROPOSED INDEX CONTOUR
- PROPOSED INTERMEDIATE CONTOUR
- PROPOSED SPOT ELEVATION
- PROPOSED STORMWATER CULVERT
- PROPOSED RSS OUTLET DRAIN
- PROPOSED INLET
- PROPOSED RIPRAP APRON
- PROPOSED TEMPORARY VEGETATED CHANNEL
- PROPOSED 18-IN. COMPOST FILTER SOCK
- PROPOSED 24-IN. COMPOST FILTER SOCK
- PROPOSED TRIPLE STACK COMPOST FILTER SOCK
- PROPOSED COMPOST FILTER SOCK TRAP
- PROPOSED ORANGE CONSTRUCTION FENCE
- PROPOSED INLET PROTECTION
- PROPOSED ROCK CONSTRUCTION ENTRANCE
- PROPOSED EROSION CONTROL BLANKET
- POTHOLE LOCATION (BY OTHERS)
- DETAIL NUMBER
- DRAWING DESIGNATION

REFERENCES

1. SURVEY PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC), DATED 8/22/2014 AND 10/13/2014. TOPOGRAPHY WITHIN PROJECT LIMITS WAS SURVEYED BY CEC. TOPOGRAPHY OUTSIDE OF THE SURVEYED AREA IS SUPPLEMENTED WITH WEST VIRGINIA LIDAR, DATED 2003.
2. STREAM AND WETLANDS SHOWN PER CEC FIELD DELINEATION, DATED 7/8/2014, 8/11/2014, AND 3/25/2015.
3. UTILITY POTHOLING CONDUCTED BY K2 ENGINEERS, INC. AND LOCATIONS PROVIDED BY CHEVRON ON 3/9/2015.

APPROVED
WVDEP OOG
9/28/2015

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SCALE IN FEET
0 50 100


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4000 Triangle Lane, Suite 200 • Export, PA 15632
724-327-5200 800-489-3613
www.cecinc.com


REVISION RECORD

| No. | Date | Description |
|---|---|---|
| 01 | 09/14/2015 | REVISED PER WVDEP COMMENTS |
| 02 | 09/28/2015 | REVISED PER WVDEP COMMENTS |
| 03 | - | - |
| 04 | - | - |
| 05 | - | - |
| 06 | - | - |
| 07 | - | - |
| 08 | - | - |

HOSTUTLER WELL SITE
CLAY DISTRICT
MARSHALL COUNTY, WV
PREPARED FOR
CHEVRON APPALACHIA, LLC
500 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

EROSION AND SEDIMENT CONTROL PLAN (2 OF 2)

Project Number: 142-044
Drawing Scale: 1" = 50'
Date Issued: 08/20/15
Index Number:
Drawn By: JAM
Checked By: TJB
Project Manager: MJB

ES102

05101862

# HOSTUTLER

# EROSION AND SEDIME

## FORK RIDGE RC

## CLAY DISTRICT, MARSH

PREPARED

## CHEVRON APPA

800 MOUNTAIN

SMITHFIELD, I

### CONSULTANTS


CIVIL & ENVIRONMENTAL CONSULTANTS, INC.
4000 TRIANGLE LANE, SUITE 200
EXPORT, PA 15632
PHONE: 724-327-5200

CIVIL/SITE ENGINEER CONTACT: TODD C. BALDWIN, P.E.
EMAIL ADDRESS: tbaldwin@ceclnc.com

GEOTECHNICAL ENGINEER CONTACT: MICHAEL J. SHELEHEDA, P.E.
EMAIL ADDRESS: msheleheda@ceclnc.com


### SITE COORDINATES AND WATERSHED

START OF ACCESS ROAD
LATITUDE: 39° 52' 49.36" N LONGITUDE: 80° 42' 50.14"

CENTER OF WELL PAD
LATITUDE: 39° 52' 38.47" N LONGITUDE: 80° 42' 58.38"

WELL HEAD 2
LATITUDE: 39° 52' 38.19" N LONGITUDE: 80° 42' 59.73"

CENTER OF TANK PAD
LATITUDE: 39° 52' 41.69" N LONGITUDE: 80° 42' 55.70"

CENTER OF OFF-LOADING PAD
LATITUDE: 39° 52' 47.06" N LONGITUDE: 80° 42' 52.32"

*BASED ON NAD 83, WEST VIRGINIA NORTH ZONE

WATERSHED NAME: UPPER OHIO SOUTH
RECEIVING STREAM: UNNAMED TRIBUTARIES TO GRAVE CREEK

SITE LOCATION

SCALE IN FEE
0 2000

### REFERENCE

U.S.G.S. 7.5' TOPOGRAPHIC MAP, QUADRANGLE, WV-OH DATED: 196 1972 AND 1976; GLEN EASTON 0 1960, PHOTO REVISED 1976.

### LEGEND

- EXISTING PROPERTY LINE (APPROXIMATE)
- EXISTING INDEX CONTOUR
- EXISTING INTERMEDIATE CONTOUR
- EXISTING PAVED ROADWAY
- EXISTING UNPAVED ROADWAY
- EXISTING GAS LINE
- EXISTING WATERLINE
- EXISTING FENCE LINE
- EXISTING OVERHEAD ELECTRIC LINE
- EXISTING SANITARY FEATURE
- EXISTING STREAM
- 100-FT OFFSET FROM WETLAND OR PERENNIAL STREAM
- EXISTING WETLAND
- EXISTING TREELINE
- EXISTING STRUCTURE
- EXISTING UTILITY POLE
- EXISTING WATER METER
- PROPOSED LIMIT OF DISTURBANCE
- PROPOSED GUIDE RAIL
- PROPOSED 3-STRAND HIGH-TENSILE FENCE
- PROPOSED PAVEMENT
- PROPOSED GRAVEL
- PROPOSED OVEREXCAVATION AREA
- PROPOSED WELLHEAD
- PROPOSED PERIMETER BERM
- 625-FT. OFFSET FROM CENTER OF WELL PAD


Received
Office of Oil & Gas
JUL 14 2015


### REFERENCES

1. SURVEY PERFORMED BY CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC), DATED 8/22/2014 AND 10/13/2014. TOPOGRAPHY WITHIN PROJECT LIMITS WAS SURVEYED BY CEC. TOPOGRAPHY OUTSIDE OF THE SURVEYED AREA IS SUPPLEMENTED WITH WEST VIRGINIA LIDAR, DATED 2003.
2. STREAM AND WETLANDS SHOWN PER CEC FIELD DELINEATION, DATED 7/9/2014, 9/11/2014, AND 2/25/2015.
3. UTILITY POTHOLING CONDUCTED BY K2 ENGINEERS, INC. AND LOCATIONS PROVIDED BY CHEVRON ON 3/9/2015.

# WELL SITE
# NT CONTROL PLANS

AD (S.R. 17)

ALL COUNTY, WV

FOR:

## LACHIA, LLC

IEW DRIVE

A 15478

AP

4000

NDSVILLE
OTO REVISED
ANGLE, WV DATED:

| DWG NO. | SHEET TITLE | INCLUDED |
|---|---|---|
| CS000 | COVER SHEET | X |
| ES050 | EXISTING TOPOGRAPHIC PLAN | X |
| ES100 | OVERALL EROSION AND SEDIMENT CONTROL PLAN | X |
| ES101 | EROSION AND SEDIMENT CONTROL PLAN (1 OF 2) | X |
| ES102 | EROSION AND SEDIMENT CONTROL PLAN (2 OF 2) | X |
| ES103 | EROSION AND SEDIMENT CONTROL DETAILS (1 OF 7) | X |
| ES104 | EROSION AND SEDIMENT CONTROL DETAILS (2 OF 7) | X |
| ES105 | EROSION AND SEDIMENT CONTROL DETAILS (3 OF 7) | X |
| ES106 | EROSION AND SEDIMENT CONTROL DETAILS (4 OF 7) | X |
| ES107 | EROSION AND SEDIMENT CONTROL DETAILS (5 OF 7) | X |
| ES108 | EROSION AND SEDIMENT CONTROL DETAILS (6 OF 7) | X |
| ES109 | EROSION AND SEDIMENT CONTROL DETAILS (7 OF 7) | X |
| ES110 | WELL PAD CROSS-SECTIONS | X |
| ES111 | EXISTING DRIVEWAY PLAN AND PROFILE | X |
| ES112 | ACCESS ROAD PLAN AND PROFILE VIEW | X |
| ES113 | ACCESS ROAD CROSS-SECTIONS | X |
| GE500 | GEOTECHNICAL SUBSURFACE SUMMARY | X |
| GE501 | CROSS-SECTIONS | X |
| GE502 | CROSS-SECTIONS | X |
| GE503 | TYPICAL NOTES AND DETAILS | X |
| GE504 | RSS PLAN AND ELEVATION VIEWS | X |
| GE505 | RSS CROSS-SECTION | X |
| GE506 | RSS DETAILS | X |
| GE507 | RSS SPECIFICATIONS AND QUANTITIES | X |
| PC600 | SITE PLAN WITH AERIAL | X |
| PC601 | POST CONSTRUCTION RECLAMATION PLAN | X |
| PC602 | POST CONSTRUCTION RECLAMATION DETAILS (1 OF 2) | X |
| PC603 | POST CONSTRUCTION RECLAMATION DETAILS (2 OF 2) | X |

6/18/15

PROPOSED COMPOST FILTER SOCK
PROPOSED 18-IN. COMPOST FILTER SOCK
PROPOSED 24-IN. COMPOST FILTER SOCK
PROPOSED TRIPLE STACK COMPOST FILTER SOCK
PROPOSED COMPOST FILTER SOCK TRAP
PROPOSED ORANGE CONSTRUCTION FENCE
PROPOSED INLET PROTECTION
PROPOSED ROCK CONSTRUCTION ENTRANCE

1100 PROPOSED INDEX CONTOUR
PROPOSED INTERMEDIATE CONTOUR
x1152.05 PROPOSED SPOT ELEVATION

ST PROPOSED STORMWATER CULVERT
PROPOSED RSS OUTLET DRAIN
PROPOSED INLET
PROPOSED RIPRAP APRON
PROPOSED TEMPORARY VEGETATED CHANNEL

TICKET NO.: 1419146252

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West Virginia State Law
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Civil & Environmental Consultants, Inc.
4000 Triangle Lane, Suite 200 - Export, PA 15632
724-327-5200 - 800-899-3610
www.cecinc.com


TODD C. BALDWIN
REGISTERED
20839
STATE OF
WEST VIRGINIA
PROFESSIONAL ENGINEER
4/14/15

REVISION RECORD

| Date | No | |
|---|---|---|
| - | 01 | - |
| - | 02 | - |
| - | 03 | - |
| - | 04 | - |
| - | 05 | - |
| - | 06 | - |
| - | 07 | - |
| - | 08 | - |

HOSTUTLER WELL SITE
CLAY DISTRICT
MARSHALL COUNTY, WV

PREPARED FOR:
CHEVRON APPALACHIA, LLC
800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478

COVER SHEET

Project Number: 142-064
Drawing Scale: AS SHOWN
Date Issued: 04/30/15
Index Number:
Drawn By: JAM
Checked By: TCB
Project Manager: MJS

CS000