

# 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: 47-5101861, 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.

Operator's Well No: 8H

Farm Name: CHEVRON USA INC

API Well Number: 47-5101861

Permit Type: Horizontal 6A Well

Date Issued: 09/30/2015

API Number: 51-0861

# 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.
- 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

Office of Oil and Gas 601 57<sup>th</sup> Street Charleston, WV 25304 (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:

- 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.
- 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.
- 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;
- 1. 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:

AMES A. MARTIN, CHIEF

WW-6B (04/15)

1) Well Operator: Chevron /	Appalachia, LLC	49449935	Marshall	Clay	Moundsville, WV
39, 177 39, 10 10 1		Operator ID	County	District	Quadrangle
2) Operator's Well Number: 2	ВН	Well P	ad Name: Hos	stutler	
3) Farm Name/Surface Owner	: Chevron U.S.A	Inc. Public R	oad Access: Fo	ork Ridge R	d.
4) Elevation, current ground:	1154' E	Elevation, propose	ed post-construc	tion: 1152	
5) Well Type (a) Gas X Other	Oil _	Un	derground Stor	rage	
A CONTRACTOR OF THE PARTY OF TH	hallow X	Deep			-
6) Existing Pad: Yes or No N	-2-2-19			y	6/18/15
7) Proposed Target Formation Marcellus, 6347' GL, 57' - 0.0	****************	cipated Thickness	s and Expected	Pressure(s):	
8) Proposed Total Vertical De	pth: 6362				
9) Formation at Total Vertical	Depth: Marcellu	IS			
10) Proposed Total Measured	Depth: 17509				
11) Proposed Horizontal Leg I	Length: 10642				
12) Approximate Fresh Water	Strata Depths:	500' GL			
13) Method to Determine Fres	h Water Depths:	1 mi radius offset	wells, freshwate	er wells, and	fresh water base level
14) Approximate Saltwater De	epths: 698' GL, 1	194' - 1871' GL, N	Mine info, nearb	y well contr	ol
15) Approximate Coal Seam D	Depths: 698' GL				
16) Approximate Depth to Pos	ssible Void (coal m	nine, karst, other):	None		
17) Does Proposed well location directly overlying or adjacent		Yes X	N	Receiv	ed 1. 2. Gas 2015
(a) If Yes, provide Mine Info	: Name: Irela	and Mine	0	Hice of	2015
	Depth: 698	GL GL		JUL 1.	
	Seam: Pitts	sburgh No. 8			
	Owner: CON	NSOL Energy			

WW-6B (04/15) APINO. 4-5101861

OPERATOR WELL NO. 8H

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	60 075
Fresh Water	13-3/8"	New	J-55	54.5 #	550'	550'	433 015
Coal							
Intermediate	9-5/8"	New	J-55	40 #	1866	1866	630 CTS
Production	5-1/2"	New	P-110	20#	17059	17059	4166
Tubing							
Liners							

16/A/IX

TYPE	Size (in)	Wellbore Diameter (in)	Wall Thickness (in)	Burst Pressure (psi)	Anticipated Max. Internal Pressure (psi)	Cement Type	<u>Cement</u> <u>Yield</u> (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:	Received
Depths Set:	Office of Cit & Gas

# 05101861

WW-68	
(10/14)	

API NO. 47	
OPERATOR WELL	NO. BH
Well Pad Name:	Hostutler

19) Describe proposed well work, including the drilling and plugging back of any pilot hole	19)	Describe	proposed	well work	, including	the drilling	g and i	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 represented hole sections.

JUL 1 4 2015

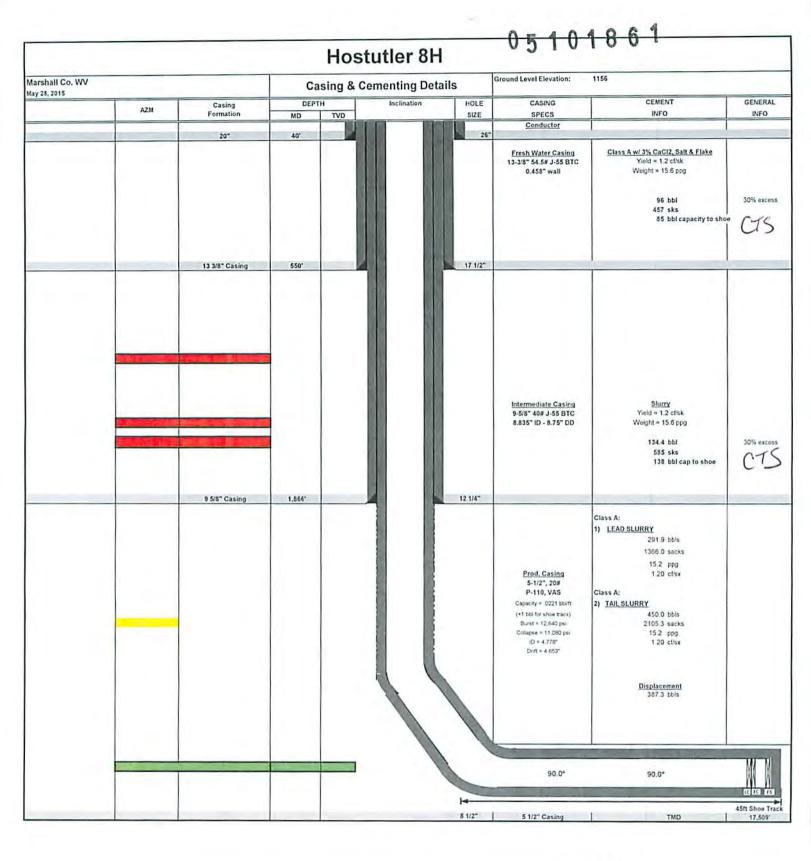
\*Note: Attach additional sheets as needed.

# 05101861

# **HOSTUTLER PAD CEMENT ADDITIVES**

- 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.

Received
Office of Oil & Gas
JUL 1 4 2015



Received
Office of Oil & Gas
JUL 1 4 2015

# 05101861

API Number 47 -

Operator's Well No. 8H

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

# FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

FLUIDS/ CUTTINGS DISPO	SAL & 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 Will a pit be used? Yes No V	te the proposed well work? Yes V No 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	
	Number)
Reuse (at API Number	
Off Site Disposal (Supply form WW-Other (Explain	9 for disposal location)
Onler (Explain	
Will closed loop system be used? If so, describe: Yes, cuttings w	vill be mixed off on location and trucked off in half rounds
	Surface and intermediate will be planted to drill
Drilling medium anticipated for this well (vertical and horizontal	)? Air, freshwater, oil based, etc <sub>air.</sub> Production section will be drilled on SBM. If
-If oil based, what type? Synthetic, petroleum, etc	issues are encountered, the intermediate section may be drilled on SBM.
Additives to be used in drilling medium? Fluid loss control, emulsifi	er, and shale stabilizer.
Drill cuttings disposal method? Leave in pit, landfill, removed or	ffsite, etc. Removed offsite
	sed? (cement, lime, sawdust)
-Landfill or offsite name/permit number? Arden Landfill -	
-Landini of offsite name/perinit number?	, somm, vastra, assertime assertime vastram va
Permittee shall provide written notice to the Office of Oil and Ga West Virginia solid waste facility. The notice shall be provided where it was properly disposed.	
on August 1, 2005, by the Office of Oil and Gas of the West Virg provisions of the permit are enforceable by law. Violations of a law or regulation can lead to enforcement action.  I certify under penalty of law that I have personally eapplication form and all attachments thereto and that, based	nditions of the GENERAL WATER POLLUTION PERMIT issued inia Department of Environmental Protection. I understand that the any term or condition of the general permit and/or other applicable examined and am familiar with the information submitted on this on my inquiry of those individuals immediately responsible for e, accurate, and complete. I am aware that there are significant by of fine or imprisonment.
Company Official Signature 72(A2	
Company Official (Typed Name) Branden Weimer	- shoot
Company Official Title Permitting Team Lead	Received Office of Cit & Gas
	Office (1)
Subscribed and sworn before me this 28th day of 1	Notary Public Smithfield Borg Favote County
My commission expires Supt 2, 2018	My Commission Expires Sept. 2, 2018  MEMBER, PENNSYL) (1/4) 2/5 CON OF NOTARIE

Chevron Appalachia, LLC	
Proposed Revegetation Treatment: Acres Disturb	ped 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	8
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
Drawing(s) of road, location, pit and proposed ar provided)  Photocopied section of involved 7.5' topographic  Plan Approved by:   Jack Wellot	
Comments:	
Title: ald Gas Inspector	Date:
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	1	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	7	12				
LOVEGRASS MAY 15 TO AUGUST 1	/	5				

<sup>\*30</sup> 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

T/	ABLE C - FERTILIZER	
TYPEE & H	FORMULA	RATE (LBS/ ACRE)
MIXED GRASS AND LEGUMES	10-10-20	1,000
LEGUINE STANDS ONLY	5-20-10 (PREFERRED) OR	1 000
	10-20-10	1,000
GRASS STANDS ONLY	10-10-20	1,000

c/18/12

# CHEVRON APPALACHIA, LLC



# West Virginia Well Site Safety Plan

Hostutler Pad
A Well #8H
911 Address
TBD Clay
District
(39.880386, -80.713958)
Marshall County, West Virginia

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

Received

Revised: June 2013

Office of Oil & Gas

Revised: May 2014

JUL 1 4 2015

Revised: January, 2015

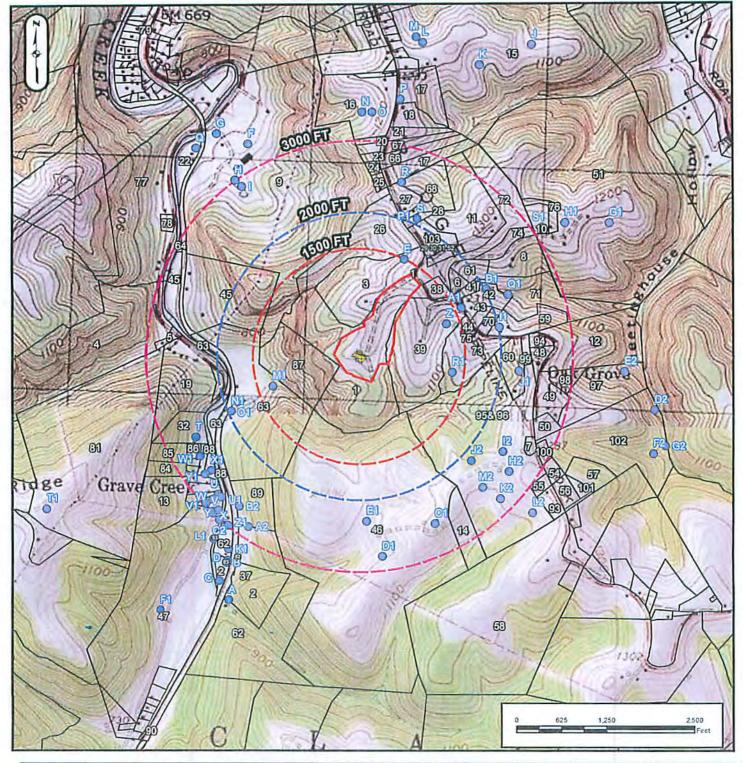
10/02/2015

Revised: March, 2015

Date: 6/2/2015

# WATER SUPPLY EXHIBIT HOSTUTLER





SURFACE OWNER: CHEVRON U.S.A. INC.

OIL/GAS OWNER: MARGARET E. HOSTUTLER

WELL OPERATOR: CHEVRON APPALACHIA, LLC

ADDRESS: 800 MOUNTAIN VIEW DRIVE

SMITHFIELD, PA 15478

PHONE: 724-564-3700

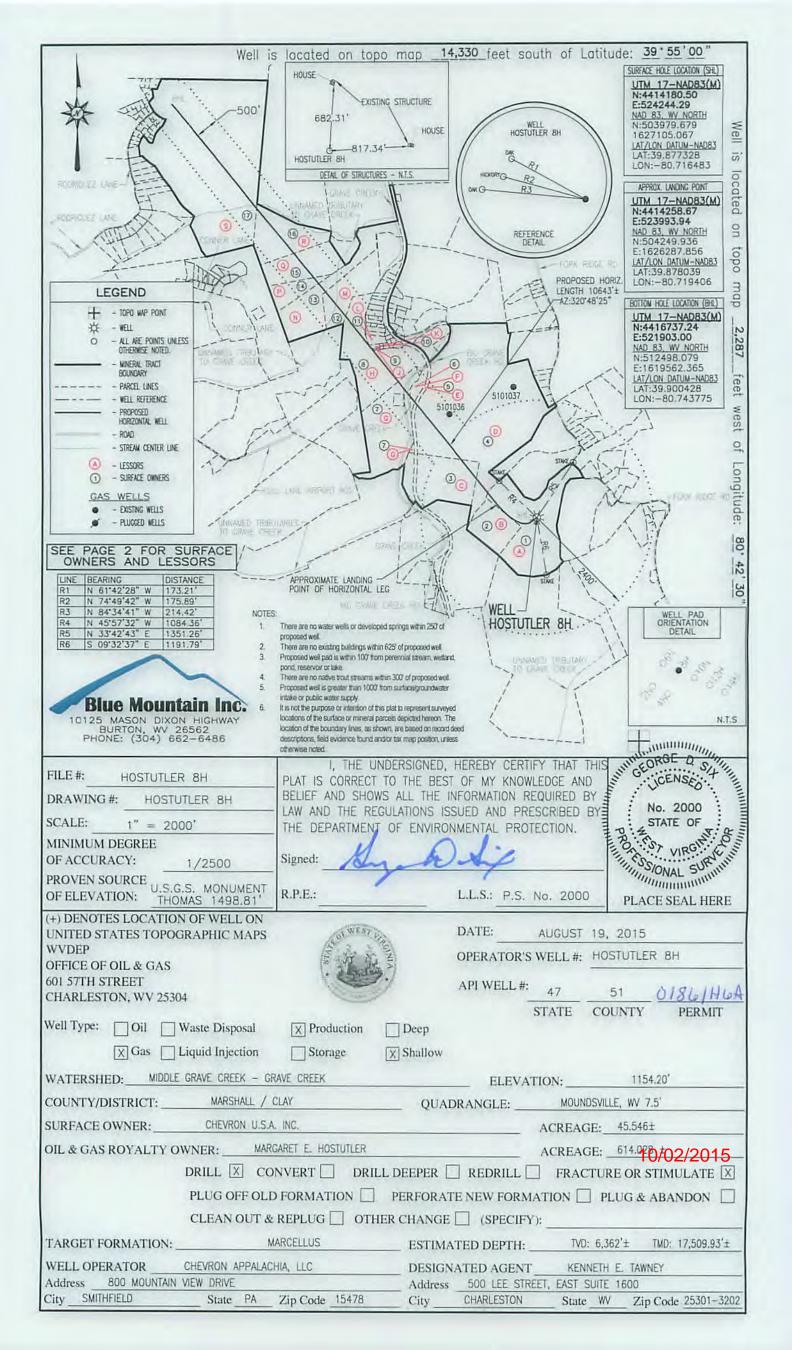
COUNTY: MARSHALL

DISTRICT: WASHINGTON GAS SURVEY OFFICELUE MOUNTAIN INC.

ADDRESS: 10125 MASON DIXON HIGHWAY

PHONE: 304-662-6486

10/02/2015



# HOSTUTLER 8H PAGE 2 OF 2

	SURFACE OWNER	DIST-TM/PAR
1	CHEVRON U.S.A. INC.	4-8/38
2	*LESLIE B. & LORI D. SCHABER	4-8/34
3	LESTER ALLEN & JANET E. RICHMOND	4-4/29
4	MOUNTAINEER ENTERPRISES LLC	4-4/30
5	CONSOLIDATION COAL COMPANY	4-4/74
6	VERNON L. HYDE	4-4/71
7	JANET ELOWISE RICHMOND - LIFE	4-4/72
8	VERNON L. HYDE	4-4/70
9	*ROBERT HAYWOOD MCCARTNEY ET UX	4-4/4.9
10	*THOMAS E. ROGERSON JR.	4-4/4.3
11	*JOSEPH CHARLES RUDISH	4-4/4
12	JOHN D. & CATHY L. LIGHTNER	4-4/1.7
13	JOHN D. JR. & CATHY L. LIGHTNER	4-4/1.2
14	JOHN D. & CATHY L. LIGHTNER	4-4/1.5
15	PAUL W. & AMANDA LIGHTNER	4-4/1.6
16	PAUL W. & AMANDA LIGHTNER	4-4/1.4
17	CHAPLIN REAL ESTATE CO.	4-2/49

SURFACE HOLE LOCATION (SHL)

UTM 17-NAD83(M)
N:4414180.50
E:524244.29
NAD 83, WV NORTH
N:503979.679
1627105.067
LAT/LON DATUM-NAD83
LAT:39.877328
LON:-80.716483

APPROX. LANDING POINT

UTM 17—NAD83(M)
N:4414258.67
E:523993.94
NAD 83, WV NORTH
N:504249.936
E:1626287.856
LAT/LON DATUM-NAD83
LAT:39.878039
LON:-80.719406

BOTTOM HOLE LOCATION (BHL)

UTM\_17-NAD83(M)
N:4416737.24
E:521903.00

NAD 83, WV NORTH
N:512498.079
E:1619562.365
LAT/LON\_DATUM-NAD83
LAT:39.900428
LON:-80.743775

	LESSOR
Α	MARGARET E. HOSTUTLER
В	*LESLIE B. & LORI D. SCHABER
C	LESTER A. & JANET E. RICHMOND
D	CNX GAS COMPANY LLC
Ε	CNX GAS COMPANY LLC
F	VERNON L. HYDE
G	JANET ELOWISE RICHMOND, ET VIR
Н	VERNON L. HYDE
J	*ROBERT HAYWOOD MCCARTNEY
K	*THOMAS E. JR. & CRYSTAL M. ROGERSON
L	*CHRISTINA RAE RUDISH
M	PAUL WAYNE LIGHTNER
N	JOHN D. JR. & CATHY L. LIGHTNER
P	PATRICIA A. BUNGARD
Q	PATRICIA A. BUNGARD
R	DOUGLAS HUDSON ET UX
S	CHAPLIN REAL ESTATE CO.

AUGUST 19, 2015

\* - DENOTES PARCEL WITHIN 30 FEET OF PLANNED WELL BORE

10/02/2015



# 0 5 1 0 1 8 6 1 WEST VIRGINIA CODE

# 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.

2.

Royalty

Book/Page

see attached

Received
Office of Oil & Gas
JUL 1 4 2015

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

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:

Its:

ermitting Team Lead

Page 1 of 3

		Hostutler	8H				
Parcel	Lessor	Lessee	Royalty	DB/PG	ASSIGNMENT 1	ASSIGNMENT 2	ASSIGNMENT 3
(A)	Hostutler, Margaret E.	Chevron USA, Inc.	18.00%	828/346	N/A	N/A	N/A
(B)	Schaber, Leslie B. & Lori D.	TriEnergy Holdings, LLC	Neceived (%)	704/16	BK24/PG180 TriEnergy Holdings, LLC to NPAR, LLC	BK24/PG466 NPAR, LLC to Chief Exploration & Development LLC, et al.	LLC, et al. to
(C)	Richmond, Lester A. & Janet E.	Chevron USA, Inc.	18.00%	860/249	N/A	N/A	N/A
(D) (E)	CNX Gas Company, LLC	Chevron USA, Inc.	20.00%	818/549	N/A	N/A	N/A
(F) (H)	Hyde, Vernon L.	Chevron USA, Inc.	16.00%	791/212	N/A	N/A	N/A
(F)	Jacobs, Andrew L., Jr.	Chevron USA, Inc.	18.00%	847/194	N/A	N/A	N/A
(G)	Richmond, Janet & Michael E.	Chevron USA, Inc.	18.00%	860/240	N/A	N/A	N/A
(1)	McCartney, Robert H.	Chevron USA, Inc.	14.00%	835/261	N/A	N/A	N/A
(K)	Rogerson, Thomas E., Jr. & Crystal M.	Chesapeake Appalachia, LLC	18.00%	760/432	BK30/PG461 Chesapeake Appalachia, LLC to Chevron USA, Inc.	N/A	N/A
(L)	Rudish, Christina R.	Chesapeake Appalachia, LLC	18.00%	760/427	BK30/PG461 Chesapeake Appalachia, LLC to Chevron USA, Inc.	N/A	N/A

Parcel	Lessor	Lessee	Royalty	DB/PG	ASSIGNMENT 1	ASSIGNMENT 2	ASSIGNMENT 3
(M)	Lightner, Paul W.	Chevron USA, Inc.	18.00%	861/643	N/A	N/A	N/A
(N)	Lightner, John D., Jr. & Cathy L.	Chevron USA, Inc.	18.00%	862/1	N/A	N/A	N/A
(P) (Q)	Bungard, Patricia A.	Received Gas of Oil Par Gas JUL 14 2015	18.75%	700/467	BK24/PG393NPAR, LLC, to Chief Exploration & Development LLC, et al.	BK25/1Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc.	N/A
(R)	Hudson, Douglas J. & Brandy J.	NPAR, LLC	18.75%	700/462	BK24/PG393NPAR, LLC, to Chief Exploration & Development LLC, et al.	BK25/1Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc.	N/A
(S)	James R. Chaplin, acting owner of Chaplin Real Estate Company	NPAR, LLC	18.75%	706/396	BK24/PG466NPAR, LLC to Chief Exploration & Development LLC, et al.	BK25/1Chief Exploration & Development LLC, et al. to Chevron U.S.A. Inc.	N/A



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

Attorney-In-Fact Reserved

Office of JUL 1 4 2015



05101861

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

Office of Oil & Gas
JUL 1 4 2015

1

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

<b>Date of Notice</b>	ce Certification: 07/09/2015	Al	API No. 47-				
		Op	perator's Well No. BH				
		W	ell Pad Name: Hostu	tler			
Notice has I							
	ie provisions in West Virginia Code §	22-6A, the Operator has provide	ed the required parties	with the Notice Forms listed			
	tract of land as follows:	_	_				
State:	West Virginia		sting: <u>524244.29</u>				
County:	Marshall	N	orthing: <u>4414180.50</u>				
District:	Clay	Public Road Access:		ad			
Quadrangle:	Moundsville, WV	Generally used farm	name: Hostutler				
Watershed:	Middle Grave Creek - Grave Creek						
information r of giving the requirements Virginia Code	ed the owners of the surface described the owners of the surface described and (c), see surface owner notice of entry to surface owner notice of entry to surface owner notice of entry to surface of subsection (b), section sixteen or § 22-6A-11(b), the applicant shall the been completed by the applicant	ction sixteen of this article; (ii) the rvey pursuant to subsection (a), f this article were waived in wrender proof of and certify to the	nat the requirement was section ten of this an iting by the surface of	as deemed satisfied as a resul ticle six-a; or (iii) the notice owner; and Pursuant to Wes			
that the Ope	West Virginia Code § 22-6A, the Oprator has properly served the require ECK ALL THAT APPLY		Notice Certification	OOG OFFICE USE ONLY			
□ I. NO	TICE OF SEISMIC ACTIVITY or	NOTICE NOT REQUIRED SEISMIC ACTIVITY WAS C		RECEIVED/ NOT REQUIRED			
■ 2. NO	TICE OF ENTRY FOR PLAT SURV	'EY or □ NO PLAT SURVEY	WAS CONDUCTED	RECEIVED			
■ 3. NO	TICE OF INTENT TO DRILL or	NOTICE NOT REQUIRED NOTICE OF ENTRY FOR PLAWAS CONDUCTED or		RECEIVED/ NOT REQUIRED			
		☐ WRITTEN WAIVER BY (PLEASE ATTACH)	SURFACE OWNER				
■ 4. NO	TICE OF PLANNED OPERATION			☐ RECEIVED			
■ 5. PUI	BLIC NOTICE			RECEIVED			
■ 6. NO	TICE OF APPLICATION		Received	RECEIVED RECEIVED			
			Office Of Cill				

Required Attachments:

The Operator shall attach to this Notice Certification Form all Notice Forms and Certification 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.

### 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: Facsimile: 724-564-3894 Permitting Team Lead Telephone: Email: 724-564-3700

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.

Kuisten 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.

API NO 175 1 0 1 8 6 1

OPERATOR WELL NO. 8 6 1

Well Pad Name: Hostutier

Notice Time Requir	ement: notice shall be provide	d no later than the filing date of permit application.
1.11	Z   5Date Permit Application	7/10/15
	Date Permit Application	on Filed: 1110110
Notice of:		
PERMIT FOR	ANY D CERTIFIC	ATE OF APPROVAL FOR THE
WELL WORK	CONSTRU	ICTION OF AN IMPOUNDMENT OR PIT
Delivery method pu	rsuant to West Virginia Cod	e § 22-6A-10(b)
☐ PERSONAL	☑ REGISTERED	☐ METHOD OF DELIVERY THAT REQUIRES A
		RECEIPT OR SIGNATURE CONFIRMATION
SERVICE	MAIL	RECEIPT OR SIGNATURE CONFIRMATION
the surface of the traction of the surface of the traction of the surface of the traction of the surface of the subsection (b) of this records of the sheriff provision of this artic Code R. § 35-8-5.7.a	t on which the well is or is propo- being developed by the proposed on and sediment control plan sub- the event the tract of land on whi The owners of record of the surf- ace tract is to be used for the place is described in section nine of thi- ring or water supply source locate sumption by humans or domestic ctivity is to take place. (c)(1) If re- section hold interests in the land required to be maintained pursua- le to the contrary, notice to a lier requires, in part, that the operator	s article, and the well plat to each of the following persons: (1) The owners of record of osed to be located; (2) The owners of record of the surface tract or tracts overlying the dwell work, if the surface tract is to be used for roads or other land disturbance as omitted pursuant to subsection (c), section seven of this article; (3) The coal owner, ich the well proposed to be drilled is located [sic] is known to be underlain by one or face tract or tracts overlying the oil and gas leasehold being developed by the proposed cement, construction, enlargement, alteration, repair, removal or abandonment of any is article; (5) Any surface owner or water purveyor who is known to the applicant to ed within one thousand five hundred feet of the center of the well pad which is used to command any and (6) The operator of any natural gas storage field within which the more than three tenants in common or other co-owners of interests described in its, the applicant may serve the documents required upon the person described in the ant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any a holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. or shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water testing as provided in section 15 of this rule.
☐ Application Noti	ce 🛮 WSSP Notice 🗆 E&S	Plan Notice
SURFACE OWN		☐ COAL OWNER OR LESSEE
Name: Chevron U.S.A. Ir		Name: CONSOL Mining Company, LLC
Address: 1550 Coraopo	lis Heights Road	Address: 1000 Consol Energy Drive
Pittsburgh, PA 15108	<del></del>	Canonsburg, PA 15317
		☑ COAL OPERATOR Name: Murray Energy Corporation
Address:		Address: 46226 National Road
T SLIDEACE OWNI	ER(s) (Road and/or Other Distu	- All Andrews and the Company of the
		SURFACE OWNER OF WATER WELL
		AND/OR WATER PURVEYOR(s)
		Name: Ronald E Stern
Manne		
Addisons		Address: 850 Falls Creek Lane Moundsville, WV 26041  Received Received
Address:		DOPERATOR OF ANY NATING DIESE STORAGE EIELD
SURFACE OWNE	ER(s) (Impoundments or Pits)	Name:
	EK(s) (Impoundments of 1 its)	Moundsville, WV 26041  OPERATOR OF ANY CATOR CE STORAGE FIELD  Name:  Address:  JUL 14 2015
		*Please attach additional forms if necessary

API NO. 0-5 1-0 18 6 1OPERATOR WELL NO. 8H 6 1Well Pad Name: Hostutler

Not	ice Time Requiremen	at: notice shall be provided no later that	nn the filing date of permit application.
Dat	e of Notice:	Date Permit Application Filed:	
	ice of:		
7	DEDLUT FOR AND	OF OFFICE ATE OF A DI	DROVAL FOR THE
✓	PERMIT FOR ANY		AN IMPOUNDMENT OR PIT
	WELL WORK	CONSTRUCTION OF	AN IMPOONDMENT OR FIT
Deli	ivery method pursua	nt to West Virginia Code § 22-6A-10	O(b)
	PERSONAL	☑ REGISTERED ☐ METH	OD OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL RECE	IPT OR SIGNATURE CONFIRMATION
the soil and description of the soil and description of the soil and t	surface of the tract on vand gas leasehold being cribed in the erosion and rator or lessee, in the even coal seams; (4) The old work, if the surface trace trace and the work if the surface trace and water well, spring ovide water for consumptoosed well work activities to the section (b) of this section of the sheriff requivision of this article to the R. § 35-8-5.7.a requi	which the well is or is proposed to be local developed by the proposed well work, it discliment control plan submitted pursual vent the tract of land on which the well provided in section of the surface tract or tract is to be used for the placement, constitution in section nine of this article; (5) for water supply source located within one of this article; (6) If more than three on hold interests in the lands, the application and the contrary, notice to a lien holder is not the contrary, notice to a lien holder is not the section the contrary, notice to a lien holder is not the section the contrary, notice to a lien holder is not the section that the section the section the section the section the section that the section the section that the section that the section that the section the section that the sect	the well plat to each of the following persons: (1) The owners of record of ated; (2) The owners of record of the surface tract or tracts overlying the f the surface tract is to be used for roads or other land disturbance as ant to subsection (c), section seven of this article; (3) The coal owner, roposed to be drilled is located [sic] is known to be underlain by one or acts overlying the oil and gas leasehold being developed by the proposed ruction, enlargement, alteration, repair, removal or abandonment of any Any surface owner or water purveyor who is known to the applicant to a thousand five hundred feet of the center of the well pad which is used to d (6) The operator of any natural gas storage field within which the eet tenants in common or other co-owners of interests described in not may serve the documents required upon the person described in the eight, article one, chapter eleven-a of this code. (2) Notwithstanding any to notice to a landowner, unless the lien holder is the landowner. W. Va. provide the Well Site Safety Plan ("WSSP") to the surface owner and any as provided in section 15 of this rule.
Ø A	Application Notice E	☑ WSSP Notice ☑ E&S Plan Notice	e ☑ Well Plat Notice is hereby provided to:
	URFACE OWNER(s)		COAL OWNER OR LESSEE
Nan			Name:
Add			Address:
Van			□ COAL OPERATOR
Add	lress:		Name:
			Address:
_	and the second s	(Road and/or Other Disturbance)	barring
			SURFACE OWNER OF WAT Received
Add	lress:		Name: Monte J. Chambers  Address: 3389 Fork Ridge Road  Moundsville, WV 26041  MOUNDSVILLE TO THE CONTROL OF TH
Man			Name: Monte J. Chambers
Add	Iress		Moundsville, WV 26041
100	11033.		OPERATOR OF ANY NATURAL GAS STORAGE FIELD
18	URFACE OWNER(s)	(Impoundments or Pits)	Name:
Van	ne:	14.0.0 × 200.1.03.1.0	Address:
Add	lress:		
			*Please attach additional forms if necessary

api no. <b>Q</b> 7 <b>5 1 0</b> 1	18	6	1	_=
OPERATOR WELL NO	), 8H			
Well Pad Name: Hostutle				

Noti	ice Time Requirem	ent: notice shall be provi	ded no later than the filing date of permit application.
	e of Notice: ice of:	_ Date Permit Applica	tion Filed:
<b>V</b>	PERMIT FOR AN	<del></del>	CATE OF APPROVAL FOR THE RUCTION OF AN IMPOUNDMENT OR PIT
Deli	very method pursi	uant to West Virginia Co	ode § 22-6A-10(b)
	DEDCOMAI	7 DECIGERED	ACTION OF DELIVERY THAT REQUIRES A
Ц	PERSONAL SERVICE	✓ REGISTERED  MAIL	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
the soil addescoper more well important proversubs recording to the condition of the condit	surface of the tract or and gas leasehold being ribed in the erosion a ator or lessee, in the ecoal seams; (4) The work, if the surface oundment or pit as do a water well, spring ride water for consum- losed well work active ection (b) of this sec- ards of the sheriff requision of this article to eR. § 35-8-5.7.a reco	n which the well is or is prong developed by the propose and sediment control plans sevent the tract of land on vectowners of record of the suffract is to be used for the pescribed in section nine of or water supply source location by humans or domestity is to take place. (c)(1) I tion hold interests in the laured to be maintained purso the contrary, notice to a liquires, in part, that the oper	his article, and the well plat to each of the following persons: (1) The owners of record of posed to be located; (2) The owners of record of the surface tract or tracts overlying the sed well work, if the surface tract is to be used for roads or other land disturbance as submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, which the well proposed to be drilled is located [sic] is known to be underlain by one or arface tract or tracts overlying the oil and gas leasehold being developed by the proposed lacement, construction, enlargement, alteration, repair, removal or abandonment of any this article; (5) Any surface owner or water purveyor who is known to the applicant to ated within one thousand five hundred feet of the center of the well pad which is used to atic animals; and (6) The operator of any natural gas storage field within which the f more than three tenants in common or other co-owners of interests described in ands, the applicant may serve the documents required upon the person described in the suant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any ten holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. ator shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any and water testing as provided in section 15 of this rule.
☑ A	application Notice	☑ WSSP Notice ☑ E&	S Plan Notice
_	JRFACE OWNER(	•	COAL OWNER OR LESSEE
Nan Add	ne: ress:		Name:Address:
Nan	ne:		COAL OPERATOR
Add	ress:		Name:
			Address:
_		s) (Road and/or Other Dis	
HBAI Nan	le:		
Auu			AND/OR WATER PURVEYOR'S RECEIVED
Nan			Address: 3428 Fork Ridge Remitte an Of Lill &
Add	ress:		Name: Jason L. & Tricia L. Triplett  Address: 3428 Fork Ridge Restrice Of Oil & Gas  Moundsville, WV 26041  OPERATOR OF ANY NATUSAL OAS STORAGE FIELD
			OPERATOR OF ANY NATURAL GAS STORAGE FIELD
_		s) (Impoundments or Pits	) Name:
Nan	ne:		Address:
Add	ress:		
			*Please attach additional forms if necessary

API NO. 45 1 0-1861 OPERÄTOR WELL NO. 8H Well Pad Name: Hostutler

Not	ice Time Requiren	ient: notice shall be provid	ded no later than	n the filing date of permit application.
Dat	e of Notice:	Date Permit Applicat	ion Filed:	
	ice of:		100 1 00 00	
1	PERMIT FOR AN			ROVAL FOR THE
	WELL WORK	CONSTR	UCTION OF A	AN IMPOUNDMENT OR PIT
Del	ivery method purs	uant to West Virginia Co	de § 22-6A-10	(b)
	PERSONAL	☑ REGISTERED	□ метно	OD OF DELIVERY THAT REQUIRES A
	SERVICE	MAIL		PT OR SIGNATURE CONFIRMATION
the soil a descope more well improve provents the control of the c	surface of the tract or and gas leasehold being ribed in the erosion a rator or lessee, in the e coal seams; (4) The work, if the surface oundment or pit as due a water well, spring yide water for consur- posed well work active section (b) of this sec- ords of the sheriff requision of this article to the R. § 35-8-5.7.a rea	n which the well is or is propaged and sediment control plan so event the tract of land on we event the tract of land on we event the tract of land on we event the tract of the surtract is to be used for the plescribed in section nine of the gor water supply source local and the place of the plescribed in the languity is to take place. (c)(1) If the place is to be maintained pursue of the contrary, notice to a liequires, in part, that the operation	posed to be localled well work, if ubmitted pursually which the well prograde tract or traclacement, construities article; (5) A ated within one that animals; and f more than three ands, the applicant to section even holder is not ator shall also presented with the later and the later animals.	the well plat to each of the following persons: (1) The owners of record of sted; (2) The owners of record of the surface tract or tracts overlying the other than the surface tract is to be used for roads or other land disturbance as and to subsection (c), section seven of this article; (3) The coal owner, roposed to be drilled is located [sic] is known to be underlain by one or acts overlying the oil and gas leasehold being developed by the proposed function, enlargement, alteration, repair, removal or abandonment of any any surface owner or water purveyor who is known to the applicant to thousand five hundred feet of the center of the well pad which is used to (6) The operator of any natural gas storage field within which the elements in common or other co-owners of interests described in the reight, article one, chapter eleven-a of this code. (2) Notwithstanding any notice to a landowner, unless the lien holder is the landowner. W. Va. rovide the Well Site Safety Plan ("WSSP") to the surface owner and any as provided in section 15 of this rule.
Ø A	Application Notice	☑ WSSP Notice ☑ E&	S Plan Notice	☑ Well Plat Notice is hereby provided to:
JS	URFACE OWNER	(s)		COAL OWNER OR LESSEE
_				Name:
Add				Address:
Mar				□ COAL OPERATOR
Nai	he:		-	
Add	iress:		-	Name: Address:
7S	URFACE OWNER	(s) (Road and/or Other Dis	sturbance)	, iddiossi
_		(*) (*)		☐ SURFACE OWNER OF WATER WELL
Add	iress:		-	AND/OR WATER PURVEYOR(s)
				Name: Jelinda & Monte Chambers
Nar	ne:			Address: 3389 Fork Ridge Road ived Moundsville, WV 26041
Add	iress:		2	Moundsville, WV 26041
			_	OPERATO OFFICE ON ON USA STORAGE FIELD
Nar	ne:	(s) (Impoundments or Pits)		Name: Address: JUL 1 4 2015
Add	iress:		-	*Please attach additional forms if necessary

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

Not	ice Time Requireme	nt: notice shall be provide	d no later than the filing date of permit application.
	e of Notice:	Date Permit Application	on Filed:
Not	ice of:		
7	PERMIT FOR ANY		ATE OF APPROVAL FOR THE ICTION OF AN IMPOUNDMENT OR PIT
Deli		ant to West Virginia Cod	e § 22-6A-10(b)
	PERSONAL SERVICE	✓ REGISTERED MAIL	METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION
sediale sedial	ment control plan requestrace of the tract on and gas leasehold being tribed in the erosion areator or lessee, in the ele coal seams; (4) The work, if the surface to coundment or pit as determined as water well, spring wide water for consum cosed well work activities of the sheriff requestion of this article to the R, § 35-8-5.7.a requestion.	which the well is or is proper which the well is or is proper g developed by the proposed and sediment control plan sub- vent the tract of land on who owners of record of the surf- ract is to be used for the plan- scribed in section nine of the for water supply source locat potion by humans or domesti- ty is to take place. (c)(1) If a contract in the land ired to be maintained pursua- the contrary, notice to a lieu- uires, in part, that the operat	ires a receipt or signature confirmation, copies of the application, the erosion and is article, and the well plat to each of the following persons: (1) The owners of record of bosed to be located; (2) The owners of record of the surface tract or tracts overlying the dwell work, if the surface tract is to be used for roads or other land disturbance as omitted pursuant to subsection (c), section seven of this article; (3) The coal owner, ich the well proposed to be drilled is located [sic] is known to be underlain by one or face tract or tracts overlying the oil and gas leasehold being developed by the proposed cement, construction, enlargement, alteration, repair, removal or abandonment of any is article; (5) Any surface owner or water purveyor who is known to the applicant to ed within one thousand five hundred feet of the center of the well pad which is used to conimals; and (6) The operator of any natural gas storage field within which the more than three tenants in common or other co-owners of interests described in the last, the applicant may serve the documents required upon the person described in the ant to section eight, article one, chapter eleven-a of this code. (2) Notwithstanding any in holder is not notice to a landowner, unless the lien holder is the landowner. W. Va. or shall also provide the Well Site Safety Plan ("WSSP") to the surface owner and any water testing as provided in section 15 of this rule.
Ø A	Application Notice	☑ WSSP Notice ☑ E&S	Plan Notice ☑ Well Plat Notice is hereby provided to:
75	URFACE OWNER(s	)	COAL OWNER OR LESSEE
	ne:	,	Name:
	lress:		Address:
×1	Sze -		COAL OPERATOR
			Name:
Add	iress:		Address:
ПS	URFACE OWNERG	(Road and/or Other Dist	arbance)
		) (Itolia ilia si silisi silisi	SURFACE OWNER OF WATER WELL
			AND/OR WATER PURVEYOR(s)
	-		Name: Jason B. & Dawn R. Adkins
Nar	ne:		Address: 148 Nathan Lane
			Moundsville, WV 26041  Heceived
			OPERATOR OF ANY NATING STORAGE FIELD
S	URFACE OWNER(	(Impoundments or Pits)	Name:
			Moundsville, WV 26041  OPERATOR OF ANY NATURAL OIDES STORAGE FIELD  Name:  Address:  JUL 14 2015
Ado	iress:		
			*Please attach additional forms if necessary

API NO. 47-4 OLINO 846 1

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 57<sup>th</sup> Street, SE, Charleston, WV 25304 (304-926-0450) or by visiting <a href="https://www.dep.wv.gov/oil-and-gas/pages/default.aspx">www.dep.wv.gov/oil-and-gas/pages/default.aspx</a>.

#### 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 measured facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver of construction, shall impose any permit conditions as the secretary considers necessary. (c) Notwithstanding the foregoing from this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Warns Ct Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state United 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  $\frac{10}{02}$ 

Well Pad Name: Hostutler

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 be 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

601 57th St. SE Charleston, WV 25304 (304) 926-0450

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.

API NO. 47-05-101861
OPERATOR WELL NO. 8H 861
Well Pad Name: Hostutier

### 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 <a href="http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx">http://www.dep.wv.gov/oil-and-gas/Horizontal-Permits/Pages/default.aspx</a> 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.

API NO. 47-OPERATOR WELL NO. 8H (8-13)Well Pad Name: Hostutler Notice is hereby given by:

Address: 800 Mountain View Drive Well Operator: Chevron Appalachia, LLC Telephone: 724-564-3700 Smithfield, PA 15478 Facsimile: 724-564-3894 Email:

Oil and Gas Privacy Notice:

WW-6A

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 114 day of June 2015

Kusten Bures

Notary Public My Commission Expires

Sept. 2, 2018 Notary Public

> Received Office of Oil & Gas JUL 1 4 2015

WATER SUPPLY EXHIBIT 0 5 1 0 1 8 6 1

# HOSTUTLER

Blue Mountain Inc.

#	TAXMAP#	NAME(lastnamefirst)
	1 04 8003800000000	SCHABER, LESLIEB, &LORI D.
	2 04 8003600020000	POND, SIDNEYP, &VICKIE L.
	3 04 40075000000000	ADKINS, JASONB. &DAWN R.
	4 04 80016000000000	MERCER, CHARLESW, JR. SJUDY
	5 04 8003300000000	CLARK, PATSYANN
	6 04 4005800080000	LITTLETON, HARRYL
	7 04 9000200160000	RYAN, JEFFREYL,
	8 04 4005800140000	MCGARY, JUDITHL
	9 04 40030000000000	MOUNTAINEER ENTERPRISESLLC
1	0 04 40060000310000	YOUNG, CHARLENES.
	1 04 4005800090000	BLAKEMORE, DAVIDE.
	2 04 9000200000000	MCGARY, RICKYL
1	3 04 9002300040000	LITMAN, RICHARDE, JR.
,	4 04 3003700010000	HICKS, LUCILLEE.
-1	5 04 4006100000000	WOODS, RICHARDW
,	6 04 4005300100000	SCHWING, GREGORYL.
	8 04 4005300090000	DUFFY, JOHNE.
1	9 04 8003500010000	MORRIS, DONNIE
2	0 04 4005300070000	MASON, KEVINA ATRACY
2	04 4005300120000	RIGGLE DONALD&CAROL GARONER, CAROLR
2	2 04 40071000000000	HYDE, VERNONL
2	3 04 4005300030000	HESS, PAUL BRADLEY
2	04 4005300020000	STANDIFORD, VIOLETP.
2	5 04 4005300010000	PETRY, CHADA &SARAH J.
-2	6 04 492573000000000	GONCHOFF, JOSEPH
	7 04 4005500000000	MILLER, GLENNR.
2	es 04 40056000000000	CARMICHAEL, MATTHEWA
2	9 04 4005800050000	WRIGHT, CHARLESESTATE
3	04 4005800040000	NOGLE, DAVIDE
	81 04 4005800030000	WHIPPLE, SHIPLEYJ.
- 3	04 8003200000000	Gurin, Brian THOMAS, DENVERS.
	33 04 B002B000000000	KIDD, WILLIAMK, KKAYLA M.

Date: 6/02/2015

Ħ	TAXMAP#	NAME(lastnamefirst)				
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	KIDO, 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	OAKGROVEME. CHURCH TRUSTEES				
49	04 9000200170000	SCHUMAN, GUERRYJ. & SUZANNEK.				
50	04 9000200090000	SCHUMAN, GUERRYJ. & SUZANNEK.				
51	04 40050000000000	DULANEY, TIMOTHYS, & SHIRLEYM.				
52	04 4005800020000	WHIPPLE, SHIPLEYJ.				
5.3	04 8002900020000	WINER, VALANDREW				
54	04 9000200110000	LOSH, ROGERW. & JODY L.				
55	04 9000200030000	HENRY, MINNIEL.				
5.6	04 90002001000000	JAMES.				
57	04 9000200060000	MINOR, CARCLL				
58	04 9001100000000	BUCHANAN, MARNIEKAY				
50	64 4005900000000	FERRELL, AGNES				
60	04 9000200040000	MCGARY, RUBYLLIFE ESTATE				
- 61	04 4005800210000	STANLEY, DAVIDB. & SHEILA				
62	04 8003600000000	GAREY, LILLIEL				
63	04 8003500000000	STERN RONALDE.				
6.5	04 4005300040000	WAYNE, RETTAJ.				
64	04 4005300110000	ANN				

#	TAXMAP#	NAME(lastnamefirst)				
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, JELINDAS MONTE				
74	04 4005800160000	YOUNG, CHARLENES.				
75	04 4005800200000	CARPENTER, DONALDT.				
76	04 4006000020000	YOUNG CHARLENES.				
78	04 4007300000000	ATWELL, WILLAROL.				
79	04 4007400060000	CONSOLIDATIONCOAL COMPANY				
61	04 8001700000000	ASTON, HENRYW, ALINDA MLIFEESTATE				
82	04 8002600000000	POND, SIDNEYP, AVICKIE L.				
83	04 8002600020000	CLAYTON RALPHL.				
84	8002900000000	LITMAN, RICHARDE, JR.				
05	04 80030000000000	LITMAN, RICHARDE, JR.				
86	04 80031000000000	LITMAN, RICHARDE, JR.				
87	04 8003400000000	SCHABER, LESLIEB. & LORID.				
88	04 8003500020000	WINER, VALANDREW				
89	04 8003600010000	POND, SIDNEYP, AVICKIE				
90	04 8003900000000	CONSOLIDATIONCOAL COMPANY				
93	04 9000200010000	HENRY, MININEL				
94	04 9000200020000	OAKGROVEM E. CHURCH TRUSTEES				
97	04 9000200070000	SCHUMAN, GUERRYJ, & SUZANNEK.				
95	04 9000200080000	SCHUMAN, GUERRYJ, A SUZANNEK.				
90	04 9000200120000	RYAN, JEFFREYL				
100	04 9000200130000	LOSH, ROGERW, LJODYL				
101	04 9000200140000	KOONCE, JAMESL				
102	04 9000200150000	SCHUMAN, GUERRYJ, & SUZAWNEK.				
17 (Zpieces) 64377	04 40053000000000	WOODS, HAZELJ, ESTATE				
(2pieces, 1 parcel) 95896	04 4007200000000	RICHMOND, JANETE.				
(?pieces, 1 parcet)	04 9000200050000	RYAN, JEFFREYL				
69	04 4005800060000	WILSON, LARRYE.				

SURFACE OWNER: CHEVRON U.S.A. INC.

OIL/GAS OWNER: MARGARET E. HOSTUTLER

WELL OPERATOR: CHEVRON APPALACHIA, LLC

ADDRESS: 800 MOUNTAIN VIEW DRIVE

SMITHFIELD, PA 15478

PHONE: 724-564-3700

DISTRICT: Office of Oni & Gas

SURVEYOR: BLUE JUQUINTAM THC.

ADDRESS: 10125 MASON DIXON HIGHWAY

BURTON, WV 26562

PHONE: 304-662-6486

# WATER SUPPLY EXHIBIT

Date: 6/02/2015

2015	2015 HOSTUTLER Blue Mountain					
LETTER	NAME	SLFRLY	LAT	LCN	HOE VIO	
A	POND, SIDNEYP, &VICKIEL.	STREAM	39.867793	-80.722609	304-845-6520	
В	POND, SIDNEYP, &VICKIE	WELL	39.869225	-80.722788	304-845-6520	
С	POND, SIDNEYP, &VICKIEL.	STREAM	39.868514	-80.723097	304-845-6520	
D	POND, SIDNEYP. &VICKIEL.	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)	
	MOUNTAINEER ENTERPRISESLLC	WELL	39.885613	-80.72395	304-845-7537(Cindy Weedlebush) 304-280-2300 304-281-0115(Kevin Quinn)	
G	MOUNTAINEER ENTERPRISESLLC	PONDS	39.883837	-80,722976	304-845-7537(Cindy Weedlebush) 304-280-2300 304-281-0115(Kevin Quinn)	
	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 304-845-5769or304-281-6586	
м	WOODS,RICHARDW	PONDS	39.889538	-80.71406	304-845-5769or304-281-6586	
N	SCHWING, GREGORYL	STREAM	39.886607	-80.716699	304-845-5796	
0	SCHWING, GREGORYL.	PONDS	39.886625	-80.716198	304-845-5796	
Р	DUFFY, JOHNE.	WELL	39.887141	-80.714778	304-845-7807	
Q	HYDE, VERNON.	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
А	3874	3873	3873	3872	3871	3841	3842	3843	3844	3845
В	3445	3442	3440	3437	3435	3405	3408	3410	3413	3415
С	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
Н	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
К	4384	4383	4382	4381	4380	4409	4410	4412	4413	4414
L	4457	4452	4447	4442	4438	4467		4476 eceiver 4536	4481	4486
M	4518	4512	4507	4502	4496	4525	A531	eceive 4536	4541	4547
N	3408	3399	3391	3382	3374	3401		OT C3418	Gas <sub>426</sub>	3435
0	3413	3405	3397	3389	3382	3409	3411	. 1 4320\$	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	10/02/	2015 <sup>2516</sup>

#### WATER SUPPLY EXHIBIT

Date: 6/02/2015

#### HOSTUTLER



S	CARMICHAEL, MATTHEWA.	WELL	39.882587	-80.713755	not provided
т	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
11	FERRELL, AGNES	WELL	39.878541	-80.709467	304-845-2841 304-845-6773 304-780-3399
J1	MCGARY, RUBY L LIFEESTATE	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
Т	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
Х	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	2545	2530	2514
D1	2790	2801	2811	2822	2833	2808	2797	2786	2775	2765
E1	2285	2294	2303	2313	2323	2297	2287	2277	2268	2258
F1	4533	4529	4525	4521	4516	4487	Hecely		4500	4504
G1	3927	3938	3950	3962	3974	<b>3</b> 998	e of follo	& <b>Gas</b> 4	3963	3951
H1	3404	3414	3424	3435	3445	3471	UL 13460	15 3450	3440	3429
11	1975	1991	2007	2023	2039	2057	2041	2025	2009	1994
J1	2215	2234	2252	2271	2290	2300	2282	2263	10/02/	2015 <sup>2226</sup>

# WATER SUPPLY EXHIBIT 0 5 1 0 18 6 1 HOSTUTLER Blue Mountain Inc.

Date: 6/02/2015

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
01	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
01	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		HESS.	ived <sub>2600</sub>		2622	2633
X1	2647	2638	2629	2621	2612	ffice2585	OII & GE	<b>S</b> 2603	2612	2621
Y1	2746	2737	2728	2719	2710	1112683	2013 692	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	10/027	2015 <sup>2677</sup>

Date: 6/02/2015

### WATER SUPPLY EXHIBIT HOSTUTLER



### 05101861

C2	POND, SIDNEY P. & VICKIEL.	STREAM	39.870861	-80.7232	304-845-6520
D2	SCHUMAN, GUERRY J. & SUZANNEK.	STREAM	39.875686	-80.701222	612-849-1456
E2	SCHUMAN, GUERRY J. & SUZANNEK.	STREAM	39.877024	-80.70322	612-849-1456
F2	SCHUMAN, GUERRY J. & SUZANNEK.	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
12	RYAN, JEFFREY L.	SPRING	39.873817	-80.709114	304-845-3267
J2	RYAN, JEFFREY L.	SPRING	39.873439	-80.710647	304-845-3267
К2	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
12	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		2529	2510	2491	2472
						Hec	eived			

Office of Oil & Gas

JUL 1 4 2015

State Of Pennsylvania		
County Of Fayette		
The undersigned, being first duly sworn, complete copy of all sides of	, says that the under	signed served a true and
(1) Notice on Form WW-2(A) / WW-3(A) (2) Application on Form WW-2(B) / WW-3(B) (3) Plat showing the well location on Form W (4) Construction and Reclamation Plan on Form	WW-6, and	A) _/ WW-6(A) \ B) _/ WW-6(B) \
all with respect to operator's Well No. 81 District, Marshall County, West Virgin	1, 10H, 12H located	in Clay or organization named
chevron U.S.A., Inc by delivering the same in Fayette on the 5th day of June , 2015 in	County, State of fin the manner specific	Pennsylvania
	PROPRIATE SECTION]	
For an individual:  [ ] Handing it to him / her / or, hoffered it, by leaving it in his / her / p		/ refused to take it when
[ ] Handing it to a member of his or he	er family above the a usual place of abode	
served, and asking the family member to give it possible.		
For a partnership: [ ] Handing it to because the partner refused to take it when I of the partner.	, a partner of handed it over, by le	the partnership or, eaving it in the presence
For a limited partnership: [ ] Handing it to the general partner, because the general partner refused to take it in the presence of the general partner.	named_ when I tried to hand	, or, d it over, by leaving it
For a corporation:  [Y] Handing it to the corporation's empire fact/ named	the feling	/ director/ attorney
Taken, subscribed and sworn before me the My commission expires Supt 2,2018		
(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)		COMMONWEALTH OF PENNSYLVANIA  NOTARIAL SEAL  Kristen Brooks, Notary Public
	Received Office of Oil & Ga	Smithfield Boro, Fayette County My Commission Expires Sept 2, 2018

JUL 1 4 2015

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

entry	equirement: Notice shall be provid	ied at least SEVEN (7) day	s but no more than	n FORTY-F	IVE (45	) days	s prior to
	11-7-2014 Date of Plann	ned Entry: 11-14-2014	<del></del>	051	01	<b>Ω</b>	4
Delivery metho	od pursuant to West Virginia Cod	le § 22-6A-10a				<i>U</i>	5
☐ PERSONA	al 🛘 registered		ELIVERY THAT REQUIRES A				
SERVICE	MAIL	RECEIPT OR SIGN	IATURE CONFIR	MATION			
on to the surface but no more that beneath such tra owner of miner and Sediment C Secretary, whice enable the surface	est Virginia Code § 22-6A-10(a), Price tract to conduct any plat surveys ran forty-five days prior to such entry act that has filed a declaration pursuals underlying such tract in the cource. Control Manual and the statutes and the statement shall include contact in ace owner to obtain copies from the	required pursuant to this are to: (1) The surface owner that to section thirty-six, and to tax records. The notice rules related to oil and gas formation, including the actions.	ticle. Such notice s of such tract; (2) t ticle six, chapter to shall include a sta exploration and p	shall be provi to any owner wenty-two of atement that or roduction ma	ded at le or lesse this coc copies of	east se e of co le; and f the s tained	even days oal seams d (3) any tate Erosion from the
Notice is hereb		□ соат	LOWNER OR LE	CCCC			
Manage VERNONI	LIVE						
Address: 29 FAL	LS CREEK LN	Name:					
MOUNDSVILLE, WV	26041	Address.					
Address:		☐ MINE	RAL OWNER(s)				
Name:		Address:					
Address:						•	
		*please attack	additional forms if neo	cessary			
a plat survey on State:	eby given: st Virginia Code § 22-6A-10(a), not the tract of land as follows: west virginia MARSHALL CLAY	Approx. Latiti Public Road A	ıde & Longitude:	LAT: 39°53'04" CR 54, BIG GR	LON: 80°4: AVE CREE	3'32" K ROAD	-ned
Quadrangle: N	MOUNDSVILLE	Generally used	d farm name:	HYDE			
Copies of the st may be obtained Charleston, WV obtained from the Notice is here	tate Erosion and Sediment Control Med from the Secretary, at the WV Device 25304 (304-926-0450). Copies of the Secretary by visiting <a href="https://www.dep.weby.given.by">www.dep.weby.given.by</a> :	Manual and the statutes and partment of Environmenta f such documents or additions.	I rules related to oil Protection headque on al information relation to the fault, aspx.	uarters, locate	ed at 60 zontal d Gas	l 57 <sup>th</sup> Irilling	Street, SE,
Well Operator:	Chevron North America Exploration and Producti	ion Company Address:	7,	UL - 4			
Telephone:	724-564-3809		800 Mountain View Drive	e Smithfield, Pa.,	15478		
Email:	skeplinger@chevron.com	Facsimile:	724-564-3894	,			

#### Oil and Gas Privacy Notice:

	ent: Notice shall be provide	d at least SEVEN (7) days but no more tha	n FORTY-FIVE (45) days prior to
entry  Date of Notice: 11-7-2014	Date of Planne	d Entry: 11-14-2014	2 V 3 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C 1 C
Delivery method pursu	ant to West Virginia Code	§ 22-6A-10a	5 1 0 1 8 6 1
PERSONAL SERVICE	☐ REGISTERED MAIL	METHOD OF DELIVERY THAT RE RECEIPT OR SIGNATURE CONFIR	
on to the surface tract to but no more than forty-fi beneath such tract that he owner of minerals under and Sediment Control M Secretary, which statement enable the surface owner	conduct any plat surveys re ive days prior to such entry as filed a declaration pursua- lying such tract in the count fanual and the statutes and re ent shall include contact infort to obtain copies from the s	r to filing a permit application, the operator quired pursuant to this article. Such notice to: (1) The surface owner of such tract; (2) nt to section thirty-six, article six, chapter to tax records. The notice shall include a studes related to oil and gas exploration and pormation, including the address for a web precedence.	shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the
Notice is hereby provid	/		oggan.
■ SURFACE OWNE	V	☐ COAL OWNER OR LE	
Name: PAUL W. & AMANDA L Address: RR 5 BOX 51C		Name:Address:	
MOUNDSVILLE, WV 26041			
		A	
Address:		☐ MINERAL OWNER(s)	i e
		Name:	
Name:		Address:	
Address:		*please attach additional forms if no	
a plat survey on the tract State: WEST VIRGI County: MARSHALL District: CLAY Quadrangle: MOUNDSVIL	ia Code § 22-6A-10(a), noti t of land as follows:	Approx. Latitude & Longitude: Public Road Access: Watershed: Generally used farm name:	LAT: 39*53'32" LON: 80*43'51"  CR 54, BIG GRAVE CREEK ROAD  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  LIGHTNER
may be obtained from the Charleston, WV 25304 obtained from the Secret Notice is hereby give	ne Secretary, at the WV Dep (304-926-0450). Copies of tary by visiting www.dep.wo n by:	anual and the statutes and rules related to cartment of Environmental Protection headque such documents or additional information of the statutes of the statu	quarters, located at 601 57th Street, SE,
F 31	@chevron.com	Facsimile: 724-564-3894	fice of Oil a Gao
Sindpinigor	S-11-11 Million		1 4 2015
Oil and Gas Privacy	Notice:		JUL 14 Love

	equirement:	Notice shall be provi	ded at least SI	EVEN (7) day	s but no more tha	n FORTY-FIVE (45) d	ays prior to
entry  Date of Notice:	11-7-2014	Date of Plan	ned Entry: 11	-14-2014			
Delivery metho	od pursuant t	to West Virginia Co	de § 22-6A-10	)a			
☐ PERSONA	AL 🗆	REGISTERED	■ METH	OD OF DEL	IVERY THAT RE	EQUIRES A	
SERVICE		MAIL	RECEI	PT OR SIGN	ATURE CONFIR	RMATION	
on to the surface but no more that beneath such tra owner of miner, and Sediment C Secretary, whice enable the surface	e tract to cond in forty-five d act that has fil als underlying Control Manua h statement shace owner to o	duct any plat surveys ays prior to such entred a declaration purse such tract in the could and the statutes and tall include contact in the tall include contact in the could be tain copies from the	required pursury to: (1) The suant to section inty tax record rules related information, incompared to the section of the sect	uant to this are surface owners thirty-six, are s. The notice to oil and gas	ticle. Such notice of such tract; (2) ticle six, chapter to shall include a state exploration and p	r shall provide notice of shall be provided at leas to any owner or lessee of wenty-two of this code; atement that copies of the production may be obtain age on the Secretary's w	of coal seams and (3) any ne state Erosion and from the
Notice is hereb	y provided to	o:					
■ SURFACE	OWNER(s)			☐ COAI	OWNER OR LE	ESSEE	
Name: PAUL W. & AMANDA LIGHTNER							
Address: RR 5 BOX 51C				Address:			
MOUNDSVILLE, WV			3				
Name:				П. mm	n II ounen/		
Address:					ERAL OWNER(s)		
				Name:			
Address:				Address:			
				*please attacl	additional forms if no	ecessary	
a plat survey or State:	st Virginia Co the tract of la WEST VIRGINIA		/		ude & Longitude:	LAT: 39°53'29" LON:80°44'02"  CR 21/12,CONNER LANE RO  MIDDLE GRAVE CREEK-GRAV	AD
	MOUNDSVILLE				d farm name:	LIGHTNER	
may be obtaine Charleston, WV	d from the Se / 25304 (304 he Secretary l by given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep.</u>	epartment of I of such docum wv.gov/oil-an	Environmenta ents or additi	I Protection headq ional information i lefault.aspx.	oil and gas exploration a quarters, located at 601 5 related to horizontal dril	57th Street, SE,
Telephone:	724-564-3809				800 Mountain View Dri	MENUGUNU CI 5478	
Email:	skeplinger@che	vron.com		Facsimile:	724-564-3894	of Oll & Gas	
Oil and Gas I			al information,	such as name	e, address and tele	JUL 1 4 2015  phone number, as part of	of our regulatory

equirement:	Notice shall be provi	ded at least S	EVEN (7) day	s but no more than	FORTY-FIVE (45) days prior to		
11-7-2014	Date of Plan	ned Entry: 1	1-14-2014				
od pursuant t	o West Virginia Co	de § 22-6A-1	0a				
AI. 🗆	REGISTERED	■ METI	HOD OF DEL	IVERY THAT RE	OUIRES A		
	MAIL		CEIPT OR SIGNATURE CONFIRMATION				
te tract to cond an forty-five d act that has fil als underlying Control Manua th statement sl ace owner to co	duct any plat surveys ays prior to such entred a declaration purse such tract in the could and the statutes and tall include contact in the tall include contact in the statute from the statute of the s	required purs by to: (1) The uant to section to tax recorn rules related aformation, in	suant to this ar surface owner in thirty-six, and ds. The notice to oil and gas	ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a state exploration and particles.	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the		
	0:		Псом	OWNED OD I E	CCEE		
	NED /						
Address: 122 LIGHTNER LN							
			riddiess.				
			Name:				
			Address:				
		-	* 1		COLUMN TO THE PARTY OF THE PART		
			*please attac	n additional forms if ne	cessary		
est Virginia Co n the tract of la WEST VIRGINIA MARSHALL CLAY	and as follows:		Approx. Latit Public Road A Watershed:	ude & Longitude: Access:			
ed from the Se V 25304 (304 the Secretary leby given by	cretary, at the WV D -926-0450). Copies by visiting <u>www.dep.</u>	epartment of of such docur wv.gov/oil-a	Environmenta nents or addit	l Protection Officional information relations relations in the default.aspx.	nantors logited at 30157th Street, SE,		
	eby given: est Virginia Core tract to concan forty-five dract that has fill rals underlying Control Manuach statement shace owner to oby provided to E OWNER(s) & CATHY L. LIGHT GHTNER LN V 26041  eby given: est Virginia Con the tract of lawest virginia Con the tract of lawest virginia Marshall CLAY MOUNDSVILLE  tate Erosion and the Service of the Se	Date of Plan  od pursuant to West Virginia Co  AL REGISTERED  MAIL  est Virginia Code § 22-6A-10(a), Properties that has filed a declaration pursuant to the control of the statement shall include contact in the control of the statement shall include shall include contact in the control of the statement shall include shall include shall include shall include shall includ	Date of Planned Entry: 1  od pursuant to West Virginia Code § 22-6A-1  AL REGISTERED META  Est Virginia Code § 22-6A-10(a), Prior to filing a get tract to conduct any plat surveys required pursuant to section and forty-five days prior to such entry to: (1) The fact that has filed a declaration pursuant to section rals underlying such tract in the county tax record control Manual and the statutes and rules related the statement shall include contact information, in face owner to obtain copies from the secretary.  By provided to:  E OWNER(s)  a CATHY L. LIGHTNER  GHTNER LN  V 26041  Bety given:  est Virginia Code § 22-6A-10(a), notice is hereby in the tract of land as follows:  WEST VIRGINIA  MARSHALL  CLAY  MOUNDSVILLE  tate Erosion and Sediment Control Manual and to defrom the Secretary, at the WV Department of V 25304 (304-926-0450). Copies of such docur the Secretary by visiting www.dep.wv.gov/oil-arteby given by:  Chevron North America Exploration and Production Company	Date of Planned Entry: 11-14-2014  od pursuant to West Virginia Code § 22-6A-10a  AL REGISTERED METHOD OF DEL RECEIPT OR SIGN  est Virginia Code § 22-6A-10(a), Prior to filing a permit applic set tract to conduct any plat surveys required pursuant to this are an forty-five days prior to such entry to: (1) The surface owner act that has filed a declaration pursuant to section thirty-six, are als underlying such tract in the county tax records. The notice Control Manual and the statutes and rules related to oil and gas she statement shall include contact information, including the act acce owner to obtain copies from the secretary.  by provided to:  E OWNER(s)  8 CATHY L. LIGHTNER GHTNER LIN  V 26041    MINE Name: Address:  *please attact  eby given:  est Virginia Code § 22-6A-10(a), notice is hereby given that the notice tract of land as follows:  WEST VIRGINIA  MARSHALL  CLAY  MOUNDSVILLE    Approx. Latit Public Road A Watershed: Generally use  that E Crosion and Sediment Control Manual and the statutes an end from the Secretary, at the WV Department of Environmenta of the Secretary by visiting www.dep.wv.gov/oil-and-gas/pages/othershed:  (Chevron North America Exploration and Production Company  Address:	AL REGISTERED METHOD OF DELIVERY THAT RE RECEIPT OR SIGNATURE CONFIR SIGNATURE CONFIRES WITH A SIGNATURE WITH A SIGNATURE WITH A SIGNATURE CONFIRES WITH A SIGNATURE WI		

Oil and Gas Privacy Notice:

### 05101861

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

	Requirement:	Notice shall be prov	ided at least S	EVEN (7) day	s but no more than	n FORTY-FIVE (45) da	ays prior to	
entry  Date of Notic	e: 11-7-2014	Date of Plan	nned Entry: 1	1-14-2014				
Delivery metl	hod pursuant	to West Virginia C	ode § 22-6A-1	0a				
☐ PERSON	NAL 🗆	REGISTERED	■ MET	HOD OF DEL	IVERY THAT RE	EOUIRES A		
SERVIC		MAIL			ATURE CONFIR			
on to the surfa but no more the beneath such to owner of mine and Sediment Secretary, who enable the sur	nce tract to cond nan forty-five d tract that has file erals underlying Control Manua ich statement sl face owner to con	duct any plat surveys ays prior to such en- led a declaration pur g such tract in the co- al and the statutes an hall include contact obtain copies from the	s required purstry to: (1) The suant to section to the record rules related information, in	suant to this ar surface owner on thirty-six, ands. The notice I to oil and gas	ticle. Such notice s of such tract; (2) rticle six, chapter to shall include a state exploration and p	shall provide notice of p shall be provided at least to any owner or lessee o wenty-two of this code; atement that copies of the production may be obtain age on the Secretary's w	f coal seams and (3) any e state Erosion and from the	
Notice is here	eby provided t	0:						
SURFAC	CE OWNER(s)			☐ COA	LOWNER OR LE	SSEE		
	. & CATHY L. LIGHT	NER						
Address: 122 L	IGHTNER LN		_	Address:				
MOUNDSVILLE, V			_					
Name:					DALOUNEDA			
				LI MINI	ERAL OWNER(s)			
Name:			-	Name:				
Address:			-	Address:				
				*please attach additional forms if necessary				
a plat survey of State: County: District:	vest Virginia Co on the tract of lawest virginia	ode § 22-6A-10(a), r and as follows:			ude & Longitude: Access:	l operator is planning en  LAT:39°53'25" LON:80°43'49°  CR 54, BIG GRAVE CREEK RO  MIDDLE GRAVE CREEK-GRAVE LIGHTNER	DAD	
may be obtain Charleston, W obtained from	ned from the Se V 25304 (304) the Secretary l reby given by	cretary, at the WV I -926-0450). Copies by visiting <u>www.der</u> r: merica Exploration and Prod	Department of s of such documents of such docume	Environmenta ments or addit	Il Protection headq ional information r lefault.aspx.	il and gas exploration ar uarters, located at 601 5' related to horizontal drill	7th Street, SE,	
-2000	anapingaragalia	100011		· monimie	Office	e of Oil & Gas		
	Privacy Not	ice:	al information	ı, such as nam		10 1 4 2015	f our regulatory	

10/02/2015

### STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND CAS 1 NOTICE OF ENTRY FOR PLAT SURVEY

		Requirement	Notice shall be prov	ided at least S	SEVEN (7) day	s but no more than	n FORTY-FIVE (45) days pri	or to		
entry Date		e: 11-7-2014	Date of Plan	ned Entry:	11-14-2014					
Deli	very met	hod pursuant	to West Virginia Co	ode § 22-6A-	10a					
	PERSON	NAL	REGISTERED	■ MET	HOD OF DEL	IVERY THAT RE	QUIRES A			
	SERVIC		MAIL			ATURE CONFIR				
on to but i bene own and Secr enal	o the surfa- no more the eath such the er of mine Sediment retary, who le the sur	ice tract to con nan forty-five tract that has ferals underlyin Control Manuich statement in face owner to	duct any plat surveys days prior to such entiled a declaration pur- ng such tract in the co- nal and the statutes and shall include contact obtain copies from the	s required pur ry to: (1) The suant to secti- unty tax reco- id rules relate information,	suant to this are surface owner on thirty-six, are rds. The notice d to oil and gas	ticle. Such notice s of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall provide notice of planne shall be provided at least seven to any owner or lessee of coal s wenty-two of this code; and (3) atement that copies of the state roduction may be obtained from age on the Secretary's web site	days seams ) any Erosion m the		
Noti	ice is here	by provided	to:		_					
		E OWNER(s				LOWNER OR LE				
		. & CATHY L. LIGH	TNER V	-0	Name:					
	ress: 122 L	IGHTNER LN VV 26041		-	Address:					
_										
Add	ress:				☐ MINE	ERAL OWNER(s)				
				_	Name:					
Nan	ne:			-	Address:					
Add	ress:			-		h additional forms if ne				
Purs	uant to W		Code § 22-6A-10(a), r land as follows:	notice is herel			l operator is planning entry to o	conduct		
State		WEST VIRGINIA					LAT:39°53'25" LON: 80°44'05"			
Cou		MARSHALL			Public Road A	Access:	CR 54, BIG GRAVE CREEK ROAD	n i reasinean		
Dist		CLAY			Watershed: Generally use	1.6	MIDDLE GRAVE CREEK- GRAVE CREEK LIGHTER	(UNDEFINED)		
Cop may Cha	ies of the be obtain rleston, W	red from the S V 25304 (30	ecretary, at the WV I	Department of of such docu	the statutes and Environmenta ments or additi	d rules related to o I Protection headq ional information i	il and gas exploration and proc uarters, located at 601 57th Stre related to horizontal drilling ma	eet, SE,		
NT.										
		reby given b	The second secon		Address:					
	l Operator	V. C.	America Exploration and Prod	uction Company	Address:	900 Mountain View Dri	ve Smithfield, Pa., 15478			
Eme	il.	724-564-3809	oven com		Facsimile:	724 564 2004				
Line		skeplinger@ch	evion.com	-	r acsimire.	124-304-3034	eceived			
Oil The duti	and Gas Office of es. Your	Privacy No Oil and Gas p personal infor	tice: processes your person mation may be discl	al informatio	n, such as name r State agencie	e, address and tele s or third parties	OCCIVED  OF CII & Gaspart of our r phone number, as part of our r in the 2015 all course of busin	egulatory less 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.

### 05101861

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

entr	y		Notice shall be prov			s but no more that	an FORTY-FIVE (45) days prior to
Date	e of Notice	11-7-2014	Date of Fian	inied Entry.	1-14-2014	-	
Deli	ivery meth	od pursuant	to West Virginia C	ode § 22-6A-1	0a		
	PERSON	AL 🗆	REGISTERED	■ METI	HOD OF DEL	IVERY THAT R	EQUIRES A
	SERVICE		MAIL			ATURE CONFI	
on to but a bene own and Secre	o the surface no more the eath such tracer of miner Sediment ( retary, which ble the surface	ce tract to conc an forty-five d ract that has fi rals underlying Control Manua ch statement s race owner to co	duct any plat surveys lays prior to such en- led a declaration pur g such tract in the co- al and the statutes an hall include contact obtain copies from the	s required purs try to: (1) The rsuant to section ounty tax recorn and rules related information, in	suant to this ar surface owner on thirty-six, ands. The notice I to oil and gas	ticle. Such notice of such tract; (2) ticle six, chapter e shall include a s e exploration and	or shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams twenty-two of this code; and (3) any tatement that copies of the state Erosion production may be obtained from the page on the Secretary's web site, to
Not	ice is herel	by provided t	0:				
ш	SURFACI	E OWNER(s)			☐ COAL	LOWNER OR L	ESSEE
		ALLEN & JANET E			Name:		
		ALLS CREEK LN			Address:		
_	INDSVILLE, W						
Nan	ne:			-	☐ MINE	ERAL OWNER(s	)
Add							
Nan	ne:			_	Address:		
Add	dress:				Address.		
				_	*please attac	h additional forms if r	necessary
Purs a pl Stat Cou	suant to We at survey o te: inty:	eby given: est Virginia Con the tract of l WEST VIRGINIA MARSHALL	ode § 22-6A-10(a), 1 and as follows:			ude & Longitude:	ell operator is planning entry to conduct  LAT:39°52'46" LON: 80°43'24"  CR 54, BIG GRAVE CREEK ROAD  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)
Qua	adrangle:	MOUNDSVILLE			Generally use	d farm name:	RICHMOND
May Cha obta	y be obtained arleston, Wained from	ed from the Se V 25304 (304 the Secretary reby given by	cretary, at the WV I 4-926-0450). Copies by visiting <u>www.de</u>	Department of s of such docur	Environmenta ments or addit nd-gas/pages/o	l Protection head ional information	oil and gas exploration and production quarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be
	ll Operator	Chevron North	America Exploration and Prod	duction Company	Address:		
	ephone:	724-564-3809			Possiberiles	800 Mountain View D	rive Smithfield, Pa., 15478
Em	ail:	skeplinger@che	evron,com		Facsimile:	724-564-3894	RQII & Gas
0	10	n	•			Ource?	
The	office of	Oil and Gas p	rocesses your persor	nal information	n, such as nam	e, address adble	2015 ephone number, as part of our regulatory

05101861

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

entr	У	The state of	Notice shall be provi  Date of Plan			s but no more tha	n FORTY-FIVE (45) days prior to
Deli	ivery metho	od pursuant	to West Virginia Co	de § 22	2-6A-10a		
П	PERSONA	AL D	REGISTERED	1	METHOD OF DEL	IVERY THAT RE	EOUIRES A
	SERVICE		MAIL		RECEIPT OR SIGN		
on t but ben owr and Sec ena	o the surface no more that eath such tra- ner of minera Sediment C retary, which ble the surfa	e tract to cone n forty-five d act that has fi als underlying control Manua h statement s ace owner to c	duct any plat surveys lays prior to such entraled a declaration purs g such tract in the cou al and the statutes and hall include contact in obtain copies from the	require ry to: (1 suant to inty tax d rules : nforma	ed pursuant to this are ) The surface owner section thirty-six, are crecords. The notice related to oil and gas tion, including the ac	ticle. Such notice of such tract; (2) ticle six, chapter to shall include a steeploration and p	r shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to
Not	tice is hereb	y provided t	0:				
12	SURFACE	OWNER(s)			☐ COAI	OWNER OR LE	ESSEE
		REAL ESTATE CO			Name:		
Add	dress: 21 WAF	RDEN RUN RD	V		Address:		
	ELING, WV 26						
Nar	ne:					DAL ONDEDA	
Add	dress:			-		ERAL OWNER(s)	
Mar	mar				Name:		
Ada	dress			-	Address:		
_					*please attack	additional forms if no	ccessary
Pur a pl Stat Cou Dis	lat survey on te: \(\frac{1}{2}\) unty: \(\frac{1}{2}\)	st Virginia C the tract of I WEST VIRGINIA MARSHALL CLAY	ode § 22-6A-10(a), nand as follows:	otice is		ude & Longitude: Access:	LAT: 39°53'49" LON: 80°44'27"  CR 21/18, RODRIGUEZ LANE DELTA  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED  CHAPLIN REAL ESTATE CO
No We Tel Em	y be obtained arleston, WV ained from to tice is here all Operator: ephone: ail:	d from the Set 7 25304 (304 he Secretary by given by Chevron North 7 724-564-3809 skeplinger@che	ecretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u> y: America Exploration and Produ	epartm of such .wv.go	ent of Environmenta documents or additi v/oil-and-gas/pages/o	I Protection head of ional information default.aspx.	oil and gas exploration and production quarters, located at 601 57th Street, SE, related to horizontal drilling may be live Smithfield Pa., 15478  Office of Oil & Gas
Oil	and Gas I e Office of C	Privacy Not Dil and Gas p	t <b>ice:</b> rocesses your person:	al infor	mation, such as name	e, address and tele	ephone number, 2015 t of our regulatory

Notice Tin	ne Requirem	ent: Notice shall be provi	ided at least SEVEN (7) da	ys but no more than	FORTY-FIVE (45) days prior to
	otice: 11-7-2014	Date of Plan	ned Entry: 11-14-2014		
Delivery n	nethod pursu	ant to West Virginia Co	ode § 22-6A-10a		
☐ PERS	SONAL	☐ REGISTERED	■ METHOD OF DEI	IVERY THAT RE	QUIRES A
SERV		MAIL	RECEIPT OR SIG		
on to the su but no more beneath su owner of n and Sedim Secretary, enable the	urface tract to re than forty-fi ch tract that h ninerals under ent Control M which statemes surface owner	conduct any plat surveys ive days prior to such entrasses filed a declaration purselying such tract in the confanual and the statutes and ent shall include contact in the obtain copies from the	required pursuant to this a ry to: (1) The surface owner suant to section thirty-six, a anty tax records. The notice d rules related to oil and gas information, including the a	rticle. Such notice s r of such tract; (2) t rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
	iereby provid		Пос	. ONDER OR LE	gapp.
	FACE OWNE			L OWNER OR LE	
	IET ELOWISE RICH		Name:		
	42 BROOKVIEW LN .E , WV 26041		Address:		
Address:			□ MIN	ERAL OWNER(s)	
riddress.					
Name:			Address:		
Address:			-		
			*please atta	h additional forms if ne	cessary
Pursuant to	ey on the tract WEST VIRG MARSHALL CLAY	ia Code § 22-6A-10(a), n t of land as follows:	Approx. Lati Public Road Watershed:	ude & Longitude:	LAT: 39*52*58* LON:80*43*40*  CR 54, BIG GRAVE CREEK ROAD  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  RICHMOND
may be ob Charleston obtained fi	tained from the h, WV 25304 from the Secret hereby give rator: Chevron I	ne Secretary, at the WV D (304-926-0450). Copies tary by visiting <u>www.dep</u> n by:	department of Environment of such documents or addi .wv.gov/oil-and-gas/pages/	al Protection headquional information for default.apfice	il and gas exploration and production production gas exploration and production gas exploration ga
Email:		A. C.	Facsimile:	724-564-3894	1
Lillati.	skeplinger	r@chevron.com	racsinine.	1 24-004-3034	·
		Linker.			

Oil and Gas Privacy Notice:

	equirement:	Notice shall be provi	ded at least S	EVEN (7) da	ys but no more than	n FORTY-FIVE (45) days prior to
entry  Date of Notice:	11-7-2014	Date of Plan	ned Entry:	1-14-2014		
Delivery metho	od pursuant t	to West Virginia Co	de § 22-6A-1	0a		
☐ PERSONA	AL 🗆	REGISTERED	■ MET	HOD OF DEI	IVERY THAT RE	EQUIRES A
SERVICE		MAIL			NATURE CONFIR	
on to the surface but no more that beneath such tra owner of minera and Sediment C Secretary, which enable the surfa	e tract to cond in forty-five d act that has fil als underlying control Manua h statement sl ace owner to o	duct any plat surveys ays prior to such entral led a declaration purs g such tract in the cou all and the statutes and hall include contact in obtain copies from the	required pur- ry to: (1) The mant to section that to record rules related formation, in	suant to this a surface owner on thirty-six, a ds. The notice I to oil and ga	rticle. Such notice s or of such tract; (2) a rticle six, chapter to e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is hereb		0:		Пос	, ountin on t	agent.
SURFACE		/			L OWNER OR LE	
Name: LENEE J. 8 Address: 990 KU		aiii /		Name:		
MOUNDSVILLE, WV				Address:		
			-			
Address:				☐ MIN	ERAL OWNER(s)	
Name:				Address:		
Address:			-			
				*please attac	th additional forms if ne	ecessary
a plat survey on State: Value County: No State: Value County: Value Co	st Virginia Co the tract of la WEST VIRGINIA			Approx. Latin Public Road . Watershed:	tude & Longitude:	l operator is planning entry to conduct  LAT: 39°52′57" LON: 80°44′11"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)
Quadrangle: N	MOUNDSVILLE			Generally use	a farm name:	CURITTI
money be absolute	I Comme the Co	anatami at the MALD		Part Inches	1 D	il and gas exploration and production uarters, located at 601 57th Street, SE, related to horizontal drilling may be Office of Oil & Gas  JUL 1 4 2015
Telephone:						
Telephone: Email:	724-564-3809 skeplinger@chev			Facsimile:		ve Smithfield, Pa., 15478

#### Oil and Gas Privacy Notice:

		equirement:	Notice shall be provi	ided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to
entry Date		11-7-2014	Date of Plan	nned Entry: 11-14-2014
Deli	very metho	d pursuant	to West Virginia Co	ode § 22-6A-10a
	PERSONA	AL 🗆	REGISTERED	■ METHOD OF DELIVERY THAT REQUIRES A
	SERVICE		MAIL	RECEIPT OR SIGNATURE CONFIRMATION
on to but n bene owne and S Secre enab	o the surface no more that ath such tra- er of miners Sediment C etary, which the surface	e tract to cone n forty-five d act that has fi als underlying control Manua h statement s ce owner to c	duct any plat surveys lays prior to such entralled a declaration purse g such tract in the could and the statutes and hall include contact in obtain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry is required pursuant to this article. Such notice shall be provided at least seven days try to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams suant to section thirty-six, article six, chapter twenty-two of this code; and (3) any unty tax records. The notice shall include a statement that copies of the state Erosion of rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to be secretary.
		y provided t		_
		OWNER(s)		☐ COAL OWNER OR LESSEE
		SHARON L. CUF	RITTI	Name:
	ress: 990 KU			Address:
Add	ress:			☐ MINERAL OWNER(s)
S. Drawer				
Nam	ie:			Address:
Add	ress:			
				*please attach additional forms if necessary
Purs a pla State	uant to We at survey on		ode § 22-6A-10(a), n and as follows:	notice is hereby given that the undersigned well operator is planning entry to conduct  Approx. Latitude & Longitude: LAT: 39"53"03" LON: 80"44"11"
Cou		MARSHALL		Public Road Access: CR 88/6, KULL LANE
Dist	_	CLAY		Watershed: MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)
Qua	drangle: _M	MOUNDSVILLE		Generally used farm name: CURITH
may Char	be obtained leston, WV	d from the Se 25304 (304	cretary, at the WV D -926-0450). Copies	I Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57 <sup>th</sup> Street, SE, of such documents or additional information related to horizontal drilling may be b.wv.gov/oil-and-gas/pages/default.aspx.
Noti	ice is here	by given by	/:	
	Operator:		merica Exploration and Produ	uction Company Address:
	phone:	724-564-3809		Facsimile: 724-564-3894 Facsimile: 724-564-3894
Ema	il;	skeplinger@che	vron.com	Facsimile: 724-564-3894 Office of City
		3		Gas
Oil :	and Gas I Office of C	Privacy Not oil and Gas pr	ice: ocesses your persona	Facsimile: 724-564-3894 Office of Oil & Gas  al information, such as name, address and telephone number, as 5art of our regulatory

## DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS NOTICE OF ENTRY FOR BY 1. TO SERVE OF OIL AND GAS

Notice Time F	Requirement:	Notice shall be prov	vided at least	SEVEN (7) day	ys but no more than	n FORTY-FIVE (45) days prior to
	: 11-7-2014	Date of Plan	nned Entry:	11-14-2014		
Delivery meth	od pursuant	to West Virginia C	ode § 22-6A-	-10a		
☐ PERSON	AL 🗆	REGISTERED	■ MET	THOD OF DEL	IVERY THAT RE	OUIRES A
SERVICE		MAIL			ATURE CONFIR	
on to the surfa- but no more th beneath such to owner of mine and Sediment Secretary, whi- enable the surf	ce tract to conc an forty-five d ract that has fil rals underlying Control Manua ch statement so ace owner to co	duct any plat survey lays prior to such en led a declaration pur g such tract in the co al and the statutes ar hall include contact obtain copies from the	s required pur try to: (1) The suant to section bunty tax recorded rules related information,	rsuant to this ar e surface owner on thirty-six, and ords. The notice that to oil and gas	ticle. Such notice s r of such tract; (2) tricle six, chapter to e shall include a state s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notice is here	by provided t	o:	7			
■ SURFAC	E OWNER(s)		./	☐ COA	LOWNER OR LE	SSEE
Name: MARSHALL CO. AIRPORT AUTHORITY				Name:		
Address: RR 2				Address:		
MOUNDSVILLE, W			_	S. A. S. VANA.		
Name:				-	A Market Control	
Address:				☐ MINI	ERAL OWNER(s)	
				Name:		
Name:				Address:		
Address:			_			
			-	*please attac	h additional forms if ne	cessary
a plat survey o State:	est Virginia Con the tract of l	ode § 22-6A-10(a), 1 and as follows:	notice is here	Approx. Latit	ude & Longitude:	l operator is planning entry to conduct  LAT: 39°52'47" LON: 80°44'18"
	MARSHALL			Public Road A	Access:	CR 88/6, KULL LANE
District:	CLAY			Watershed:		MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)
Quadrangle:	MOUNDSVILLE			Generally use	d farm name:	MARSHALL CO AIRPORT AUTHORITY
may be obtaine Charleston, W	ed from the Se V 25304 (304	cretary, at the WV I	Department of of such docu	f Environmenta iments or addit	l Protection headq ional information r	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be
Notice is been	oby olyen b					
Notice is her			and the second	Address		
Well Operator Telephone:	***************************************	merica Exploration and Prod	uction Company	Address:	000 11	A 112 112 12 12 12 12 12 12 12 12 12 12 1
	724-564-3809	2.522		Pandadla		ve Smithfield, Pa., 15478
Email:	skeplinger@che	vron.com		Facsimile:	724-564-3894	Received
011	n .	· Communication of the Communi			061	Received
The Office of	Privacy Not Oil and Gas pr	ice: ocesses your person	al informatio	n, such as name	e, address and tele	of Oil & Gas phone number, as part of our regulatory

duties. Your personal information may be disclosed to other State agencies or third particular the 1020151 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. 10/02/2015

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

Notice Time I	Requirement:	Notice shall be provided	at least SEVEN (7) da	ays	s but no more tha	n FORTY-FIVE (45) days prior	to		
	e: 11-7-2014	Date of Planned	Entry: 11-14-2014		_				
Delivery meth	od pursuant	to West Virginia Code §	22-6A-10a						
☐ PERSON	тат. П	REGISTERED E	METHOD OF DE	H	VERV THAT RE	FOLURES A			
SERVICE		MAIL	RECEIPT OR SIG						
Durguent to W	act Virginia Ce	do \$ 22.64 10(a) Prior t					a de la constantina della cons		
on to the surfa but no more th beneath such to owner of mine and Sediment Secretary, whi enable the surfa-	ce tract to cond an forty-five d ract that has fil rals underlying Control Manua ch statement sl face owner to co	duct any plat surveys requally any prior to such entry to: led a declaration pursuant g such tract in the county to all and the statutes and rule hall include contact informobitain copies from the sec-	ired pursuant to this at (1) The surface owner to section thirty-six, at ax records. The notices related to oil and galaction, including the at	arti er o art ce as o	cle. Such notice sof such tract; (2) icle six, chapter the shall include a state exploration and p	r shall provide notice of planned e shall be provided at least seven da to any owner or lessee of coal sea wenty-two of this code; and (3) ar atement that copies of the state Er production may be obtained from t age on the Secretary's web site, to	ys ms ny osion he		
Notice is here	by provided t	0:							
■ SURFAC	E OWNER(s)	/	☐ COA	L	OWNER OR LE	ESSEE			
Name: MARSHA	LL CO. AIRPORT A	UTHORITY	Name:						
Address: RR 2			Address:	Address:					
MOUNDSVILLE, W	2 Difference								
Name:									
Address:			☐ MIN	E	RAL OWNER(s)				
			Name:						
Name:			Address:						
Address:			*-1	. 1	additional forms if ne				
			*piease atta	cn	additional forms if he	ecessary			
Notice is her		nde § 22-6A-10(a), notice	is hereby given that the	he	undersioned wel	I operator is planning entry to con	duct		
		and as follows:	is increase given than to		and or of the second	repeated to planning entry to con			
State:	WEST VIRGINIA		Approx. Lati	tuc	de & Longitude:	LAT: 39°53'01" LON: 80°43'55"			
County:	MARSHALL		Public Road	A	ccess:	CR 88/6, KULL LANE			
District:	CLAY		Watershed:			MIDDLE GRAVE CREEK-GRAVE CREEK(UND	DEFINED)		
Quadrangle:	MOUNDSVILLE		Generally us	ed	farm name:	MARSHALL CO AIRPORT AUTHORITY			
may be obtaine Charleston, W	ed from the Se V 25304 (304	cretary, at the WV Depart	ment of Environment ch documents or addi	al tio	Protection headq nal information i	il and gas exploration and product uarters, located at 601 57 <sup>th</sup> Street, related to horizontal drilling may b	SE,		
Notice is how	ahır alıran hı								
Well Operator	eby given by	merica Exploration and Production C	ompany Address:						
Telephone:		merica Exploration and Production C	ompany Address.		200 Mountain View Driv	us Canithfield Do. 15470			
Email:	724-564-3809	WOD COM	Facsimile:	_	26 7 62 9 00 60	ve Smithfield, Pa., 15478			
Littaii.	skeplinger@che	vion.com	raesimile.	-	724-304-3054	Received			
Oil and Gas The Office of	Privacy Noti Oil and Gas pr	ice: ocesses your personal info	ormation, such as nan	ne,	Offi address and tele	Received ice of Oil & Gas phone gumber, as part of our regu	latory		

ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA BLL SVILLE osion and Sediment Control Manual the Secretary, at the WV Departs	Name:	e undersigned wel ude & Longitude: Access: d farm name: d rules related to o il Protection headq ional information ratefault.aspx.	
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA BUILLE  SVILLE  osion and Sediment Control Manual the Secretary, at the WV Departs 04 (304-926-0450). Copies of succretary by visiting www.dep.wv.g	Name:	e undersigned wel ude & Longitude: Access: d farm name: d rules related to o d Protection headq ional information related to o default.aspx.	I operator is planning entry to conduct  LAT: 39°53'01" LON: 80°43'55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MARSHALL CO AIRPORT AUTHORITY  il and gas exploration and production uarters, located at 601 57th Street, SE, related to horizontal drilling may be
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA BLL  SVILLE  osion and Sediment Control Manual the Secretary, at the WV Departs 04 (304-926-0450). Copies of succretary by visiting www.dep.wv.g	Name:	e undersigned wel ude & Longitude: Access: d farm name: d rules related to o il Protection headq	LAT: 39°53'01" LON: 80°43'55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MARSHALL CO AIRPORT AUTHORITY  il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE,
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA ALL  SVILLE  osion and Sediment Control Manual the Secretary, at the WV Departs 04 (304-926-0450). Copies of succeedary by visiting www.dep.wv.g	Name:	e undersigned wel ude & Longitude: Access: d farm name: d rules related to o il Protection headq	LAT: 39°53'01" LON: 80°43'55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MARSHALL CO AIRPORT AUTHORITY  il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE,
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA BUILLE osion and Sediment Control Manual the Secretary, at the WV Departs 04 (304-926-0450). Copies of suc	Name:	e undersigned wel ude & Longitude: Access: d farm name: d rules related to o il Protection headq	LAT: 39°53'01" LON: 80°43'55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MARSHALL CO AIRPORT AUTHORITY  il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE,
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA BLL SVILLE osion and Sediment Control Manual the Secretary, at the WV Departs	Name:	e undersigned wel ude & Longitude: Access: d farm name: d rules related to o	LAT: 39°53'01" LON: 80°43'55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MARSHALL CO AIRPORT AUTHORITY  il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE,
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA	Name:Address:  *please attack  is hereby given that th Approx. Latite Public Road A Watershed: Generally use	n additional forms if ne e undersigned wel ude & Longitude: Access: d farm name:	LAT: 39"53"01" LON: 80"43"55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MARSHALL CO AIRPORT AUTHORITY
ven: ginia Code § 22-6A-10(a), notice act of land as follows: RGINIA	Name:	h additional forms if ne e undersigned wel ude & Longitude: Access:	l operator is planning entry to conduct  LAT: 39°53′01" LON: 80°43′55"  CR 88/6, KULL LANE  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)
ven: ginia Code § 22-6A-10(a), notice act of land as follows:	Name:	h additional forms if ne e undersigned wel ude & Longitude:	l operator is planning entry to conduct  LAT: 39°53'01" LON: 80°43'55"  CR 88/6, KULL LANE
ven: ginia Code § 22-6A-10(a), notice act of land as follows:	Name:Address:	h additional forms if ne e undersigned wel ude & Longitude:	l operator is planning entry to conduct  LAT: 39°53'01" LON: 80°43'55"
ven: ginia Code § 22-6A-10(a), notice	Name:Address:	h additional forms if ne e undersigned wel	l operator is planning entry to conduct
	Name:Address:		
		Adam - Con	
	Address:		
RPORT AUTHORITY	Name:		
NER(s)			
vided to:			
to conduct any plat surveys requive-five days prior to such entry to: t has filed a declaration pursuant derlying such tract in the county to Manual and the statutes and rule ment shall include contact inform	ired pursuant to this ar (1) The surface owner to section thirty-six, and ax records. The notice is related to oil and gast mation, including the ac-	ticle. Such notice s of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the
inia Code § 22-6A-10(a). Prior to	o filing a permit applic	ation, the operator	shall provide notice of planned entry
MAIL			
□ PEGISTERED ■	METHOD OF DEL	IVEDV THAT DE	COLUDES A
suant to West Virginia Code §	22-6A-10a		
Date of Planned I	Entry: 11-14-2014		
		s but no more that	n FORTY-FIVE (45) days prior to
	Pate of Planned Insurant to West Virginia Code §  REGISTERED MAIL  Innia Code § 22-6A-10(a), Prior to to conduct any plat surveys requiry-five days prior to such entry to: thas filed a declaration pursuant derlying such tract in the county to Manual and the statutes and rule ment shall include contact informer to obtain copies from the secretical declaration that include contact information of the secretical declaration that is a secretical declaration pursuant derlying such tract in the county to the secretical declaration that is a secretical declaration to the secret	Pate of Planned Entry: 11-14-2014  Suant to West Virginia Code § 22-6A-10a  REGISTERED METHOD OF DEL RECEIPT OR SIGN  AND MAIL RECEIPT OR SIGN  Conduct any plat surveys required pursuant to this ary  five days prior to such entry to: (1) The surface owner than filed a declaration pursuant to section thirty-six, and derlying such tract in the county tax records. The notice Manual and the statutes and rules related to oil and gas ment shall include contact information, including the action obtain copies from the secretary.  Vided to:	REGISTERED METHOD OF DELIVERY THAT RE RECEIPT OR SIGNATURE CONFIRMAIL RECEIPT OR SIGNATURE CON

05101861

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

	e Requirement:	Notice shall be provi	ided at least SEV	VEN (7) day	s but no more than	n FORTY-FIVE (45)	days prior to
entry Date of Not	ice: 11-7-2014	Date of Plan	ned Entry: 11-1	4-2014			
Delivery me	ethod pursuant	to West Virginia Co	ode § 22-6A-10a				
☐ PERSO	NAL 🗆	REGISTERED	■ METHO	D OF DEL	IVERY THAT RE	QUIRES A	
SERVI	CE	MAIL			ATURE CONFIR	A STATE OF THE STA	
on to the sur but no more beneath such owner of mi and Sedimer Secretary, w enable the su	face tract to con than forty-five of tract that has finerals underlying the Control Manu hich statement surface owner to o	duct any plat surveys days prior to such enti- led a declaration purs g such tract in the cor al and the statutes and shall include contact in obtain copies from the	s required pursua ry to: (1) The su- suant to section t unty tax records. d rules related to information, incl	nt to this ar rface owner hirty-six, ar The notice oil and gas	ticle. Such notice s of such tract; (2) ticle six, chapter to shall include a state exploration and p	shall provide notice of shall be provided at let to any owner or lessed wenty-two of this codu atement that copies of roduction may be obtage on the Secretary's	ast seven days e of coal seams le; and (3) any the state Erosion ained from the
Notice is he	reby provided (	to:					
SURFA	CE OWNER(s)			☐ COAL	OWNER OR LE	SSEE	
Name: MARS	HALL COUNTY HUNT	ING & FISHING		Name:		A	
MOUNDSVILLE			_	Address:			
Name:				П			
Address: _					ERAL OWNER(s)		
				Name:			
Address:			-	Address:			
				*please attack	additional forms if ne	cessary	
Pursuant to	on the tract of WEST VIRGINIA  MARSHALL  CLAY		Ap	oprox. Latito blic Road A atershed:	ude & Longitude:	LAT: 39°53'55" LON:80°44'( CR 54, BIG GRAVE CREEK MIDDLE GRAVE CREEK-GE MARSHALL COUNTY HUN	D7" ( ROAD  RAVE CREEK(UNDEFINED)
may be obta Charleston, obtained fro	ined from the Se WV 25304 (304 m the Secretary ereby given by	ecretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u> y: America Exploration and Produ	Department of En of such document wv.gov/oil-and- action Company	vironmenta nts or additi	I Protection headque on al information relation relation relation relation relations and relations are relations as the second relations are relative relations.	il and gas exploration uarters, located at 601 elated to horizontal d	1 57 <sup>th</sup> Street, SE, rilling may be
Lillatt.	skeplinger@che	BVIOII.COM		acomme.	Offic	ce of Oll & Gar	8
Oil and Ga	s Privacy Not	tice:				JUL 1 4 2015	

entry					ys but no mo	ore than	n FORTY-FIVE (45) days prior to		
Date of No	tice: 11-7-2014	Date of Plan	ned Entry: 1	1-14-2014					
Delivery m	ethod pursuar	nt to West Virginia Co	de § 22-6A-1	0a					
☐ PERS	ONAL [	REGISTERED	■ METI	HOD OF DEL	IVERY TH	AT RE	EQUIRES A		
SERV	ICE	MAIL		IPT OR SIGN					
on to the su but no more beneath suc owner of m and Sedime Secretary, v enable the s	rface tract to co than forty-five th tract that has inerals underly int Control Man which statement	enduct any plat surveys e days prior to such entr filed a declaration purs ing such tract in the cou and and the statutes and a shall include contact in to obtain copies from the	required purs y to: (1) The mant to section inty tax record rules related information, in	uant to this ar surface owner in thirty-six, ands. The notice to oil and gas	ticle. Such r of such tracticle six, ch e shall include exploration	notice set; (2) apter to de a state and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to		
	33-11-			Посм	OUNTED	OD LE	OGER		
	ACE OWNER(		^		LOWNER				
Name: MAR	WEI ETH OT	NTING & FISHING		Name:Address:					
MOUNDSVILLE	. WV 26041			Address:		_			
Address:				☐ MINI	ERAL OWN	ER(s)			
				Name:		Lax.			
Name:				Address:					
Address: _					h additional for				
Pursuant to a plat surve State:	y on the tract o	Code § 22-6A-10(a), no f land as follows:		Approx. Latit	ude & Long		l operator is planning entry to conduct  LAT: 39°54'07" LON:80°43'50"		
County:				Public Road A	Access:		CR 54, BIG GRAVE CREEK ROAD		
District: Quadrangle	CLAY  MOUNDSVILLE			Watershed: Generally use	d form nome		MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED MARSHALL COUNTY HUNTING & FISHING		
Quadrangie	. MOUNDSVILLE			Generally use	d faim name	٥.	MARSHALL COUNTY HUNTING & FISHING		
may be obta Charleston, obtained fro Notice is I	wined from the 3 WV 25304 (30 om the Secretar nereby given	Secretary, at the WV Do 04-926-0450). Copies of y by visiting www.dep.	epartment of look	Environmenta nents or addit nd-gas/pages/o	l Protection ional inform	headq ation r	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be		
Well Opera		h America Exploration and Produc	ction Company	Address:					
Telephone:	724-564-380	9		-	800 Mountain		e Smithfield, Pa., 15478		
Email:	skeplinger@c	chevron.com		Facsimile:	724-564-3894	R	eceived		
Sa Le	- 5 7 - 7 - 5				Of	fice	of Oil & Gas		
Oil and G	as Privacy N	otice:							

The Office of Oil and Gas processes your personal information, such as name, address and the processes and the processes are 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 deprivacyofficer@wv.gov.

10/02/2015

	Requirement:	Notice shall be provi	ided at least S	EVEN (7) day	ys but no more tha	n FORTY-FIVE (45) days prior to
entry Date of Notice	ce: 11-7-2014	Date of Plan	ned Entry: 1	1-14-2014		
		to West Virginia Co				
						ALAC DE TO
☐ PERSO		REGISTERED			IVERY THAT RE	real state that and the
SERVIC	Œ	MAIL	RECE	IPT OR SIGN	IATURE CONFIR	MATION
on to the surf but no more t beneath such owner of min and Sedimen Secretary, wh enable the sur	hace tract to conchan forty-five detract that has filerals underlying to Control Manualich statement strace owner to conface owner to control t	duct any plat surveys lays prior to such entralled a declaration purs g such tract in the course al and the statutes and hall include contact in obtain copies from the	required purs ry to: (1) The suant to section anty tax record rules related information, in	suant to this ar surface owner on thirty-six, ands. The notice to oil and gas	ticle. Such notice s r of such tract; (2) rticle six, chapter t e shall include a sta s exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion production may be obtained from the age on the Secretary's web site, to
Notice is her	eby provided t	0:				
SURFAC	CE OWNER(s)			□ COAL	L OWNER OR LE	SSEE
Name: MOUNT	AINEER ENTERPRIS					
Address: 1N	HIGHLAND			Address:		
MOUNDSVILLE, V	VV 26041					
Name:						
Address:					ERAL OWNER(s)	
17				Name:		
Name:				Address:		
				*nlease attac	h additional forms if ne	ecessary
Pursuant to V a plat survey State: County: District:	on the tract of l				ude & Longitude: Access:	l operator is planning entry to conduct  LAT: 39°52′60° LON: 80′43′15″  CR 54, BIG GRAVE CREEK ROAD  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)  MOUNTAINEER ENTERPRISES LLC
may be obtain Charleston, V obtained from	ned from the Se VV 25304 (304 in the Secretary l reby given by	cretary, at the WV Di-926-0450). Copies of the visiting www.dep.	epartment of of such docur .wv.gov/oil-ar	Environmenta nents or addit	Il Protection headq ional information r default.aspx. 800 Mountain View Driv 724-564-3894	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be
Oil and Ca	Drivon Not	ina				Received
	S Privacy Not	ice: Topeses vour persons	l information	euch ac name	e address and tele	e of Oil & Gas

Notice Time Requirement: Notice shall be provided at least	t SEVEN (7) days but no more than	1 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	A-10a	
□ PERSONAL □ REGISTERED ■ ME	ETHOD OF DELIVERY THAT RE	OUIRES A
	CEIPT OR SIGNATURE CONFIR	
Pursuant to West Virginia Code § 22-6A-10(a), Prior to filing on to the surface tract to conduct any plat surveys required plat no more than forty-five days prior to such entry to: (1) The beneath such tract that has filed a declaration pursuant to see owner of minerals underlying such tract in the county tax recand Sediment Control Manual and the statutes and rules related Secretary, which statement shall include contact information enable the surface owner to obtain copies from the secretary.	ursuant to this article. Such notice s he surface owner of such tract; (2) to tion thirty-six, article six, chapter to cords. The notice shall include a stated to oil and gas exploration and p a, including the address for a web pa	shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any atement that copies of the state Erosion roduction may be obtained from the
Notice is hereby provided to:		
■ SURFACE OWNER(s)	☐ COAL OWNER OR LE	
Name: PAUL W. & AMANDA LIGHTNER	Name:	-
Address: RR5BOX51C MOUNDSVILLE, WV:26041	Address:	
Name:		
Address:	☐ MINERAL OWNER(s)	
	Name:	
Name:	Address:	
Address:	*please attach additional forms if ne	cessary
Notice is hereby given: Pursuant to West Virginia Code § 22-6A-10(a), notice is her a plat survey on the tract of land as follows:	eby given that the undersigned wel	l operator is planning entry to conduct
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 armay be obtained from the Secretary, at the WV Department Charleston, WV 25304 (304-926-0450). Copies of such do obtained from the Secretary by visiting		

entry	,	Requirement:	Notice shall be provid  Date of Plann			ys but no more th	an FORTY	Y-FIV	E (4	5) (	lays	prio	r to
Date	of Notice	11-7-2014	Date of Flann	ed Entry. 11-	14-2014	-							
Deli	very meth	od pursuant	to West Virginia Cod	le § 22-6A-10	a		0	5 1	0	1	8	6	1
	PERSON	IAL 🗆	REGISTERED	■ METH	OD OF DEL	IVERY THAT R	REQUIRES	Α					
	SERVICE	3	MAIL			NATURE CONFI							
on to but n bene owne and S Secre enab	the surfaction more that the such that the such the such the sediment (sediment) that the surfaction is the surfaction of the surfaction more than	ce tract to conc an forty-five d ract that has fil rals underlying Control Manua ch statement so face owner to co	ode § 22-6A-10(a), Priduct any plat surveys rays prior to such entry led a declaration pursug such tract in the coural and the statutes and hall include contact in obtain copies from the	equired pursu to: (1) The si ant to section ity tax records rules related t formation, inc	ant to this ar arface owner thirty-six, ar the notice o oil and gas	ticle, Such notice r of such tract; (2 rticle six, chapter e shall include a s exploration and	e shall be pro to any ow twenty-twe statement the production	ner or o of the nat comman	d at less nis co pies be o	leas see o ode; of the	of co ; and he st ned	ven oal so l (3) cate l fron	days eams any Erosion of the
Noti	ce is here	by provided t	0:										
Ħ	SURFAC	E OWNER(s)			☐ COA	L OWNER OR L	ESSEE						
	e: VERNON				Name:		111/						
	ress: 29 FA	LLS CREEK LN V 26041	V		Address:					Ξ,			
_													
Add	ress:				☐ MINI	ERAL OWNER(s	s)						
					Name:								
Nam	e:				Address:								
Addı					*please attac	h additional forms if	necessary			-			
Purs	uant to We it survey o e: nty:		ode § 22-6A-10(a), not and as follows:	A	7	ude & Longitude	CR 54, BIG	3'13" LC GRAV	N: 80 E CRE	°43'4	9" ROAD		onduct
		MOUNDSVILLE				d farm name:	HYDE						
Moti Well	be obtained leston, Wined from ice is her Operator	ed from the Se V 25304 (304 the Secretary reby given by	nd Sediment Control Noretary, at the WV De -926-0450). Copies of by visiting www.dep.vo/:	partment of E f such docume vv.gov/oil-and	nvironmenta ents or addit	al Protection head ional information default.aspx.	lquarters, lo related to	horizo	at 6 ontal	01 5	57 <sup>th</sup>	Stre	et, SE,
	phone:	724-564-3809			P. C. T.	800 Mountain View D	Drive Smithfield,	Pa., 15	78				
Ema	11:	skeplinger@che	vron.com		Facsimile:	724-564-3894							
Oil	and Gas	Privacy Not	ice:				Rec	eive	d				

The Office of Oil and Gas processes your personal information, such as name, address and office of Oil and Gas processes your personal information, such as name, address and office office 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 IA to the course of 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 IA to the course of 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 IA to the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information IA to the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information IA to the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information IA to the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information IA to the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information, place to the normal course of business or as needed to comply the normal course of business or as needed to comply with statutory or regulatory requirements, including Freedom of Information, place to the normal course of business or as needed to comply the normal course of business or as needed to comply the normal course of business or as needed to comply the normal course of business or as needed to comply the normal course of business or as needed to comply the normal course of business or as needed to comply the normal course of business or as needed to comply

10/02/2015

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

		Requiremen	t: Notice shall be prov	vided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to	
entry Date		e: 11-7-2014	Date of Pla	nned Entry: 11-14-2014	
Deliv	ery met	hod pursuai	nt to West Virginia C	Code § 22-6A-10a	
	PERSON	NAL [	REGISTERED	■ METHOD OF DELIVERY THAT REQUIRES A	
	SERVIC	Е	MAIL	RECEIPT OR SIGNATURE CONFIRMATION	
on to but n bene- owne and S Secre enab	the surfa o more thath such the er of mine Sediment etary, whale the sur	ace tract to come forty-five tract that has erals underly Control Marich statement face owner t	onduct any plat survey e days prior to such en filed a declaration put ing such tract in the co rual and the statutes and t shall include contact to obtain copies from the	Prior to filing a permit application, the operator shall provide notice of planned entry required pursuant to this article. Such notice shall be provided at least seven days stry to: (1) The surface owner of such tract; (2) to any owner or lessee of coal seams resuant to section thirty-six, article six, chapter twenty-two of this code; and (3) any ounty tax records. The notice shall include a statement that copies of the state Erosi and rules related to oil and gas exploration and production may be obtained from the information, including the address for a web page on the Secretary's web site, to the secretary.	
Notio	ce is here	eby provide	d to:		
		CE OWNER(		☐ COAL OWNER OR LESSEE	
		D. ROBBINS ET		Name:Address:	
		FORK RIDGE RI	)	Address:	
	IDSVILLE, W				
Nam	e:			☐ MINERAL OWNER(s)	
Addi	ess.			_ MINERAL OWNER(S)	
Nam	e.				
Addr	ess:			Address:	
				*please attach additional forms if necessary	
Pursi	uant to W t survey o : nty;		Code § 22-6A-10(a), f land as follows:	Approx. Latitude & Longitude: Public Road Access: Watershed:  Approx. Latitude & Longitude: CR 17, FORK RIDGE ROAD MIDDLE GRAVE CREEK-GRAVE CREEK(UNDER	
Quac	drangle:	MOUNDSVILLE		Generally used farm name: ROBBINS	
may Char obtai	be obtain leston, W ned from	ned from the VV 25304 (3) the Secretar	Secretary, at the WV l 04-926-0450). Copies y by visiting <u>www.de</u>	ol Manual and the statutes and rules related to oil and gas exploration and production Department of Environmental Protection headquarters, located at 601 57th Street, Sl s of such documents or additional information related to horizontal drilling may be p.wv.gov/oil-and-gas/pages/default.aspx.	
		reby given	•		
	Operator	Chevron Nor	th America Exploration and Prod	Address:	
30.00	phone:	724-564-380		800 Mountain View Drive Smithfield, Pa., 15478	
Emai	u:	skeplinger@	chevron.com	Facsimile: 724-564-3894	
Oil :	and Gas	Privacy N	otice:	Received real information, such as name, address #16666bbn0 llubb GaShart of our regulat	orv

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.

Notice entry	e Time F	Requirement:	Notice shall be provi	ided at	least SEVEN (7) day	s but no more than	1 FORTY-FIVE (45) days prior to
	of Notice	11-7-2014	Date of Plan	ned E	ntry: 11-14-2014		
Delive	ery meth	od pursuant	to West Virginia Co	de § 2	2-6A-10a		
	PERSON	IAL 🗆	REGISTERED		METHOD OF DEL	IVERY THAT RE	OUIRES A
	ERVICE		MAIL	-	RECEIPT OR SIGN		
on to to but no benear owner and Secret enable	the surface o more that the such the of mine ediment tary, while the surface	ce tract to conc an forty-five d ract that has fi- rals underlying Control Manua ch statement si- face owner to con-	duct any plat surveys lays prior to such entraled a declaration purs g such tract in the coupled and the statutes and hall include contact in obtain copies from the	requir ry to: ( suant to unty ta d rules informa	ed pursuant to this ar 1) The surface owner o section thirty-six, an x records. The notice related to oil and gas ation, including the ac	ticle. Such notice s of such tract; (2) to ticle six, chapter to shall include a sta exploration and p	shall provide notice of planned entry shall be provided at least seven days to any owner or lessee of coal seams wenty-two of this code; and (3) any attement that copies of the state Erosion roduction may be obtained from the age on the Secretary's web site, to
Notic	e is here	by provided t	o:				
■ S	URFAC	E OWNER(s)	1		☐ COA	LOWNER OR LE	SSEE
		ELWOOD STERN	ET UX		Name:		
	SS: 352 F	ALLS CREEK LN V 26041	V		Address:		
				-			
Addre	ess:			-		ERAL OWNER(s)	
				_	Name:		
Name	:			-	Address:		
Addre	ess:			-	*please attac	h additional forms if ne	cessary
Pursu	ant to W survey o		ode § 22-6A-10(a), n and as follows:	otice i		ude & Longitude:	LAT: 39°52′29° LON: 80°43′17°  CR 54, BIG GRAVE CREEK ROAD  MIDDLE GRAVE CREEK-GRAVE CREEK(UNDEFINED)
	rangle:	GLEN EASTON				d farm name:	STERN
may b Charle obtain	e obtain eston, W ned from	ed from the Se V 25304 (304 the Secretary beby given by	cretary, at the WV D 4-926-0450). Copies by visiting <u>www.dep</u> 7:	of suc owv.go	nent of Environmenta h documents or addit ov/oil-and-gas/pages/o	l Protection headq ional information r	il and gas exploration and production uarters, located at 601 57 <sup>th</sup> Street, SE, related to horizontal drilling may be
Telep		- V. D. C. C. L. C.	America Exploration and Produ	action Col	npany Address.	800 Mountain View Driv	ve Smithfield, Pa., 15478
Email		724-564-3809 skeplinger@che	yron com		Facsimile:	724-564-3894	o ominimosa, Fai, 19470
Linaii		skepinger@cne	VIOILUIII		- i destinite.	124-004-0004	
Oil a	nd Gas	Privacy Not	ice;				Received

Operator went to.	Operato	r Well	No.	8H	
-------------------	---------	--------	-----	----	--

WW-6A4 (1/12)

### 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 I Date of Notice		provided at least TEN (10) days prior to filing a Date Permit Application Filed: 07/10/2015	permit application.
Delivery meth	nod pursuant to West Virgin	ia Code § 22-6A-16(b)	
HAND	☐ CERTIFIED N	1AIL	
DELIVE		CEIPT REQUESTED	
receipt request drilling a horize of this subsect subsection ma and if availabl	ted or hand delivery, give the standard well: Provided, That notice we waived in writing by the	least ten days prior to filing a permit application surface owner notice of its intent to enter upon to otice given pursuant to subsection (a), section to as provided to the surface owner: <i>Provided</i> , however the conference owner. The notice, if required, shall inconic mail address of the operator and the operator	the surface owner's land for the purpose of en of this article satisfies the requirements wever. That the notice requirements of this lude the name, address, telephone number,
Notice is ner Name: Chevron			
	Coraopolis Heights Road	Address:	
Pittsburgh, PA 151		•	<del></del>
Pursuant to W	reby given: 'est Virginia Code § 22-6A-16 mer's land for the purpose of c	(b), notice is hereby given that the undersigned Irilling a horizontal well on the tract of land as for	I well operator has an intent to enter upon ollows:
Pursuant to W	Vest Virginia Code § 22-6A-16 Viner's land for the purpose of a West Virginia Marshall Clay Moundsville, WV	(b), notice is hereby given that the undersigned drilling a horizontal well on the tract of land as formula to the tract of la	i well operator has an intent to enter upon follows: 524244.29 4414180.50 Fork Ridge Road Hostutler
Pursuant to W the surface ow State: County: District: Quadrangle: Watershed: This Notice Pursuant to V facsimile num related to hori	Vest Virginia Code § 22-6A-16 Vner's land for the purpose of of West Virginia Marshall  Clay Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include: Vest Virginia Code § 22-6A- her and electronic mail addrizontal drilling may be obtain	drilling a horizontal well on the tract of land as for the second of the tract of land as for the second of the se	Sollows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, and representative. Additional information of Environmental Protection headquarters,
Pursuant to Whe surface ow State: County: District: Quadrangle: Watershed: This Notice Pursuant to W facsimile numerelated to horiotated at 601 Notice is her	Vest Virginia Code § 22-6A-16 Virer's land for the purpose of of West Virginia  Marshall  Clay  Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include: Vest Virginia Code § 22-6A-16 Der and electronic mail addrizontal drilling may be obtain 57th Street, SE, Charleston, Wereby given by:	UTM NAD 83  Easting: Northing: Public Road Access: Generally used farm name:  16(b), this notice shall include the name, addless of the operator and the operator's authorized from the Secretary, at the WV Department of V 25304 (304-926-0450) or by visiting www.d	follows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, zed representative. Additional information of Environmental Protection headquarters, lep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Pursuant to Vitacsimile numinal section of the Motice of the Motic	Vest Virginia Code § 22-6A-16 Virer's land for the purpose of of West Virginia  Marshall  Clay  Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include:  Vest Virginia Code § 22-6A-16 Der and electronic mail addrizontal drilling may be obtain 57th Street, SE, Charleston, W	Irilling a horizontal well on the tract of land as for the control of the control	follows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, zed representative. Additional information of Environmental Protection headquarters, lep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to Whe surface ow State: County: District: Quadrangle: Watershed: This Notice Pursuant to W facsimile numerelated to horiotated at 601 Notice is her	Vest Virginia Code § 22-6A-16 Virer's land for the purpose of of West Virginia  Marshall  Clay  Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include: Vest Virginia Code § 22-6A-16 Der and electronic mail addrizontal drilling may be obtain 57th Street, SE, Charleston, Wereby given by:	UTM NAD 83  Easting: Northing: Public Road Access: Generally used farm name:  16(b), this notice shall include the name, addless of the operator and the operator's authorized from the Secretary, at the WV Department of V 25304 (304-926-0450) or by visiting www.d	follows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, zed representative. Additional information of Environmental Protection headquarters, lep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Pursuant to Vitacsimile numericated to horilocated at 601 Notice is here Well Operator Address: Smithfield, PA 15	Vest Virginia Code § 22-6A-16 Viner's land for the purpose of of West Virginia  Marshall  Clay  Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include: Vest Virginia Code § 22-6A-16 Der and electronic mail addrizontal drilling may be obtain 57th Street, SE, Charleston, Wester Street, SE, Charleston,	Irilling a horizontal well on the tract of land as for the control of the control	follows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, zed representative. Additional information of Environmental Protection headquarters, lep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to Whe surface ow State: County: District: Quadrangle: Watershed: This Notice Pursuant to Versuant to Versuant to Versuant to Versuant to Notice at 601 Notice is here Well Operator Address: Smithfield, PA 15 Telephone:	Vest Virginia Code § 22-6A-16 Viner's land for the purpose of of West Virginia  Marshall  Clay  Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include: Vest Virginia Code § 22-6A-16 Der and electronic mail addrizontal drilling may be obtain 57th Street, SE, Charleston, Wester Street, SE, Charleston,	Irilling a horizontal well on the tract of land as for the control of the control	follows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, zed representative. Additional information of Environmental Protection headquarters, lep.wv.gov/oil-and-gas/pages/default.aspx.
Pursuant to Withe surface own State: County: District: Quadrangle: Watershed: This Notice Pursuant to Vitacsimile numericated to horilocated at 601 Notice is here Well Operator Address: Smithfield, PA 15	Vest Virginia Code § 22-6A-16 Virer's land for the purpose of of West Virginia  Marshall  Clay  Moundsville, WV  Middle Grave Creek - Grave Creek  Shall Include: Vest Virginia Code § 22-6A-16 Der and electronic mail addrizontal drilling may be obtain 57th Street, SE, Charleston, West Virginia Code § 22-6A-16  Code Vest Virginia Code § 22-6A-16  Code Ve	Irilling a horizontal well on the tract of land as for the control of the control	follows:  524244.29  4414180.50  Fork Ridge Road  Hostutler   Iress, telephone number, and if available, zed representative. Additional information of Environmental Protection headquarters, lep.wv.gov/oil-and-gas/pages/default.aspx.

Oil and Gas Privacy Notice:

#### 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) / WW-6(A) / WW-10 /
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.,Incby delivering the same in Fayette County, State of Pennsylvania on the 5th 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 whe 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 JUNL 2015.  My commission expires Supt 2, 2018.
Notary Public
COMMONWELL THE OF RELIGIOUS

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

OMMONWEALTH OF PENNSYLVANIA NOTARIAL SEAL

Kristen Brooks, Notary Public
Smithfield Boro, Fayette County
My Commission Expires Sept. 2, 2018
ROCOMOS PENNSYLVANIA ASSOCIATION OF NOTABLES

Office of Oil & Gas

JUL 1 4 2015

WW-6A5 (1/12) Operator Well No. 8H

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

Notice Time Date of Noti		ded no later than the filing date of permi nit Application Filed: 07/10/2015	t application. 
Delivery me	thod pursuant to West Virginia Co	de § 22-6A-16(c)	
☐ CERT	FIED MAIL	☐ HAND	
	RN RECEIPT REQUESTED	DELIVERY	
return receip the planned required to b drilling of a damages to t (d) The notic of notice.  Notice is her (at the addre Name: Chevro Address: 155 Pittsburgh, PA 1	t requested or hand delivery, give the operation. The notice required by the provided by subsection (b), section horizontal well; and (3) A proposed he surface affected by oil and gas operes required by this section shall be given by provided to the SURFACE OV so listed in the records of the sheriff at the U.S.A. Inc.  O Coraopolis Heights Road  Treby given:  West Virginia Code § 22-6A-16(c), no	e surface owner whose land will be used this subsection shall include: (1) A copy ten of this article to a surface owner who I surface use and compensation agreeme erations to the extent the damages are con iven to the surface owner at the address I where the time of notice):  Name:  Address:  Address:	
County:	Marshall	UTM NAD 83 Northing:	4414180.50
District:	Clay	Public Road Access:	Fork Ridge Road
Quadrangle:	Moundsville, WV	Generally used farm name:	Hostutler
Watershed:	Middle Grave Creek - Grave Creek		
Pursuant to to to be provid horizontal w surface affecinformation	ed by W. Va. Code § 22-6A-10(b) tell; and (3) A proposed surface use atted by oil and gas operations to the related to horizontal drilling may be, located at 601 57th Street, SE,	to a surface owner whose land will be and compensation agreement containing a extent the damages are compensable un e obtained from the Secretary, at the W	s code section; (2) The information required used in conjunction with the drilling of a in offer of compensation for damages to the der article six-b of this chapter. Additional V Department of Environmental Protection or by visiting

#### 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 5th 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
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 Supt 2, 2018  KAUNTIN BROWN.
Notary Public

(AFFIX SEAL IF NOTARIZED OUTSIDE THE STATE)

WW-6AW	
(1-12)	

API NO.	
OPERATOR WELL NO.	Hostutler 8H
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 , 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: West Virginia 1,658,541.571 State: Easting: WVSPN NAD 27 County: Marshall Northing: 503,943.131 District: Clay Public Road Access: Fork Ridge Road MOUNDSVILLE Generally used farm name: Quadrangle: 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 503,943.131, East 1,658,541.571. 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. FOR EXECUTION BY A NATURAL PERSON \*Please check the box that applies ☐ SURFACE OWNER Signature: Print Name: SURFACE OWNER (Road and/or Other Disturbance) Date: SURFACE OWNER (Impoundments/Pits) FOR EXECUTION BY A CORPORATION, ETC. Company: CONSOL Mining Company LLC ⊠COAL OWNER OR LESSEE By: Ryan Arp Project Engineer ☐COAL OPERATOR Signature: □WATER PURVEYOR Date: OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Oil and Gas Privacy Notice:

WW-6AW (1-12) API NO.
OPERATOR WELL NO.
Well Pad Name:

Hostutler 8H
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(h) 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

State:	West Virginia	West Virginia	East:	1,658,541.570 ft
County:	Marshall	North State Plane NAD 27	North:	503,943.131 ft
District:	Clay	Public Road Access:	-	
Quadrangle:		Generally used farm na		
Watershed:				
further state that I ha	ive no objection to the planned work of	lescribed in these materi	als, and I have	no objection to a permit being
	ials, provided that Chevron U.S.A.			
coordinates of North	503,943.131 ft, East 1,658,541.570	ft in accordance with t	he Agreement	between Consolidation Coal
Company and Chavi	ron U.S.A. Inc. dated 6/1/2015.			
Company and Chevi	on O.S.A. me. dated 6/1/2015.			
San Contract	The state of the s	FOR EXT	CUTION BY A	NATURAL PERSON
*Please check the box	that applies	FOR EXI	ECUTION BY A	NATURAL PERSON
*Please check the box	that applies			
*Please check the box  SURFACE OW	that applies	Signature	e:	7.00
*Please check the box  SURFACE OW	that applies NER	Signature	e:	NATURAL PERSON
*Please check the box  ☐ SURFACE OW  ☐ SURFACE OW	that applies NER	Signature nce) Print Nam Date	e: e:	
*Please check the box  ☐ SURFACE OW  ☐ SURFACE OW  ☐SURFACE OW	that applies NER NER (Road and/or Other Disturba NER (Impoundments/Pits)	Signature Print Nam Date FOR EXE	e: e: e: ECUTION BY A	CORPORATION, ETC.
*Please check the box  ☐ SURFACE OW  ☐ SURFACE OW  ☐SURFACE OWN	that applies NER NER (Road and/or Other Disturba NER (Impoundments/Pits)	Signature Print Nam Date FOR EXI Compani	e:e: e: ECUTION BY A	CORPORATION, ETC. Consolidation Coal Company
*Please check the box  ☐ SURFACE OW  ☐ SURFACE OW  ☐SURFACE OWN  ☐COAL OWNER	that applies NER NER (Road and/or Other Disturba NER (Impoundments/Pits) OR LESSEE	Signature Print Nam Date FOR EXI Company	e:	CORPORATION, ETC.  Consolidation Coal Company  Alex O'Neill
*Please check the box  SURFACE OW  SURFACE OW	that applies NER NER (Road and/or Other Disturba NER (Impoundments/Pits) OR LESSEE	Signature Print Nam Date FOR EXI Company	e: e: e: e: ECUTION BY A y: y: y:	CORPORATION, ETC.  Consolidation Coal Company  Alex O'Neill  al, Oll & Gas Relations Manager
*Please check the box  SURFACE OW  SURFACE OW  SURFACE OWN  COAL OWNER  COAL OPERAT	that applies NER NER (Road and/or Other Disturba IER (Impoundments/Pits) OR LESSEE OR	Signature Print Nam Date FOR EXI Company	e: e: e: ccution by a y: y: co	CORPORATION, ETC.  Consolidation Coal Company  Alex O'Neill  al, Oll & Gas Relations Manager
*Please check the box  ☐ SURFACE OW  ☐ SURFACE OW  ☐SURFACE OWN  ☐COAL OWNER	that applies NER NER (Road and/or Other Disturba IER (Impoundments/Pits) OR LESSEE OR	Signature Print Nam Date FOR EXI Compan By It Signature Date	e: e: e: ccution by a y: y: co	CORPORATION, ETC.  Consolidation Coal Company  Alex O'Neill  al, Oll & Gas Relations Manager

have any questions about our use or your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov



#### 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,

Day K. Clayton

Gary K. Clayton, P.E.
Regional Chinenauca Engineer
Control Office Oil & Gas Coordinator

JUL 1 4 2015

Cc: Kristen R. Brooks

Chevron Appalachia, LLC

CH, OM, D-6

File

### HOSTUTLER WELL SITE **EROSION AND SEDIMENT CONTROL PLANS**

FORK RIDGE ROAD (S.R. 17) CLAY DISTRICT, MARSHALL COUNTY, WV

APPROVED WVDEP OOG 1 1/28/2015

PREPARED FOR:

CHEVRON APPALACHIA, LLC 800 MOUNTAIN VIEW DRIVE SMITHFIELD, PA 15478

API# 5101861 API# 5101862 API# 5101863

CONSULTANTS

CHL & ENVPONMENTAL CONSIGNATION INC. 4000 TRANSCE LANE SURE 200 EMPORT, PA 15632 PHORE TRA-527-5200

DIR STE ENGNEER CONTACT TODO C BALDWA FE

CECTECHNICAL ENGINEER CONTACT MICHAEL J SHELEHOLM FE

SITE COORDINATES AND WATERSHED

START OF ACCESS MOAD.
LATITUDE SET 52" 49 SB" N LONGITUDE MY 42" NO 14"

CENTER DE WELL PAGE LATTISCE NO 52° 50 47° N LEAGUEDE NO 42° 58 X1°

WELL HEAD 2 CARTEDE, 59" 52" 50 19" N LONGTLOS 507 42" 59 73"

TEMBER OF TANK PAD LANGTINGE BUT 42 55 70"

CENTER OF DYT-ICADING PAD LINESTING BOY 42' N2 27'

\*EASED ON NAD BY WEST VIRGINIA MORTIN JOHN

WATERCHED NAME UPPER CHIO SOUTH NECESSARY CHEEK DANAMED TRIBUTANIES TO CHANT CHEEK

A ENTIRE STELMATE OF DISTURBANCE TOTAL AREA IR THE MELL PAD 14 AC TANK PAD 12 AC GET LOADING PAD 2 S.A.C. ACETSS ROAD 27AC HOSTUTUR UNITS OF DISTURBANCE DTALAREA 13 SAC HTLL PAD 5 SAC ADKINS LIMITS OF DISTURBANCE



DWG NO.	SHEET TITLE	INCLUDED
C5(830	COVERSHEET	1
(3050)	FRISTING TOPOGRAPHIC PLAN	× .
(5)00	OVERALL EROS: DV AND SEDIMENT CONTROL PLAN	
(1107	(ROSION AND STOMENT CONTROL PLAN (1047)	
15302	FROSCON AND SEDIMENT CONTROL PLAN (2 OF 2)	- A.
13.103	EROSION AND SEDIMENT CONTROL DETAILS (\$ 65 7)	
FS354	FROMON AND STOLMENT CONTROL DETAILS (3 CF T)	
ES-10%-	ENOTION AND SEDIMENT CONTROL DETAILS (3 OF T)	
25.106	EROSION AND SEDIMENT CONTROL DETAILS 14 OF 79	
10123	EXICUSON AND SEDIMENT CONTROL DETAILS (SIGN 7)	. 10
f510e	ERIOSION AND STOLARING CONTROL DETAILS (6 OF 7)	×
E5109	ENGSION AND SEDIMENT CONTROL DETAILS (7 DF 15	
15110	WELL PAIR CROSS-SICTIONS	,
1112	EXISTING DRIVEWAY PLAN AND PROPILE	3.
EZESS.	ACCESS ROAD PLAN AND PROFILE VIEW	X
CSSS	ACCESS ROAD CHOSS-SECTIONS:	2
GE 930	GEOFTECHNICAL SUBSURFACE SUMMARY	*
GENCL	CROSS SECTIONS	1
66.907	CROSS-SECTIONS	*
60503	TYPICAL NOTES AND DETAILS	X.
GR 504	RIS PLAN AND ELEVATION VIEWS	2
G1505	RSS CROSS-SECTION	×
GEV06	HSS DETAILS	*
CITY 17	ASS SPECIFICATIONS AND QUANTITIES	K
PC600	WITE PLAN WITH AERIAL	
PE 801	POST CONSTRUCTION RECLAMATION PLAN	ж.
PCRO2	POST CONSTRUCTION RECLAMATION DETAILS (1 OF 2)	K

BUCINOS KOON SHITSHIS CHICAGO ATTRACTION CONCOLO

- ENSTRUG FRIES ROACHAY - ENSTRUG LAPRIES ROACHAY CHETRIC GAS LINE Continue matter and

CHISTING CARE UNE EXISTING SANTARY PEATURE EXISTING STREAM

CHSTING WATER METER

EXSTAG STRUCTURE EXSTAG STAUTY POLE

V V PROPOSS DAT OF DETAIL WIT ----- PROPOSED TH-RE COMPOSE FR. THE SOCIA BIT PROPOSED TRANS STACK COMPOSE FILTER
STOCK
TO THE PROPOSED COMPOSE FILTER STOCK FROM PROPOSED PARENCHT PROPOSES CHARLE PROPOSES CHESCAM PROPOSED BOOK CONSTRUCTOR FUNCTION PROPOSED BOOK CONSTRUCTOR ENTRANCE PROPOSED WELLHEND PROPOSED PERMETS SOME 635-FT. GIFTSET FROM CENTER OF

MONITOR MEMBERS CONTOR



SURVEY PERFORMED BY CASE & DAVIDGENIETIA, CONCULTANTS, MC (CCC), DATED 5/22/2014 AND 16/13/2014 TORNORAMY WHITE PROJECT LASTS AND SURVEYED BY CASE TORNORAMY OUTDIN OF SURVEYED APEA IS SUPPLIENTED WITH WELL VIOLENCE LIVES DATED.

- LITERY POTHOLING CONDUCTED BY M3 ENGINEERS, INC. AND LOCATION PROVIDED BY CHEVRON ON 3/8/7015



MISS UTILITY OF WEST VIRGINIA 1-800-245-4848 IT'S THE LAW

CS000

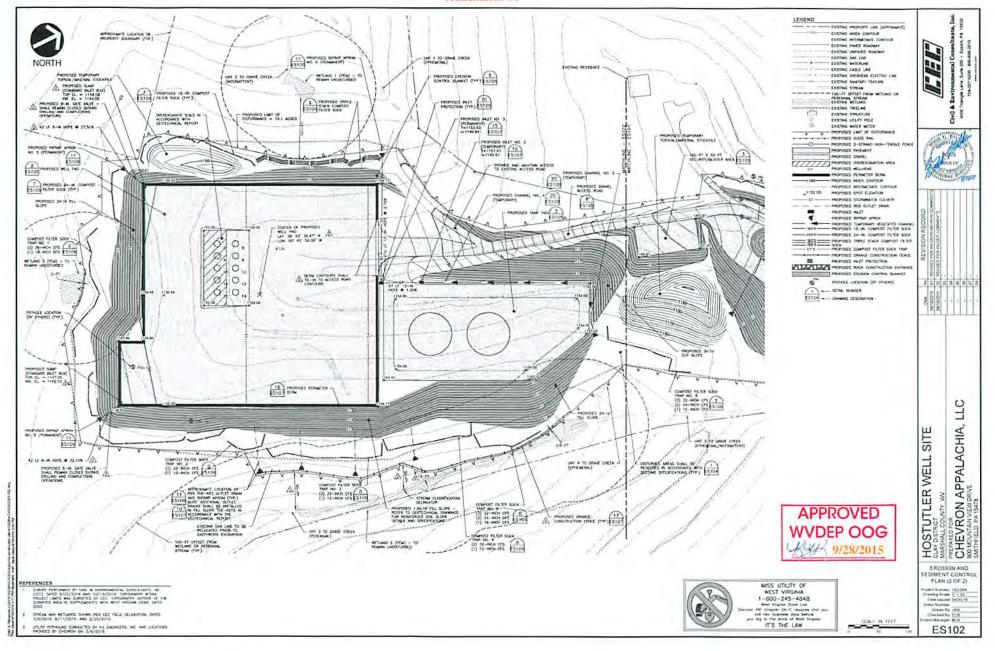


HOSTUTLER WELL SITE
CLAY DSTRET
WASHALL COUNTY WASHED FROM
PREPARED FROM
CHEATON
COMMUNITARIA WENDERVE
COMMUNITARIA WENDERVE

COVER SHEET

Drawn By JAna Checked By 7CB and Manager M/S

#### Attachment #1



## HOSTUTLER **EROSION AND SEDIME**

FORK RIDGE RO CLAY DISTRICT, MARSI

PREPAREI CHEVRON APPA 800 MOUNTAIN SMITHFIELD,

#### CONSULTANTS

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

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

GEOTECHNICAL ENGINEER CONTACT: MICHAEL J. SHELEHEDA, P.E. EMAIL ADDRESS: msheleheda@cecinc.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 B3, WEST VIRGINIA NORTH ZONE

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





U.S.G.S. 7.5' TOPOGRAPHIC MAP, QUADRANGLE, WY-OH DATED: 19 1972 AND 1976; GLEN EASTON 1960, PHOTO REVISED 1978.

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

EXISTING PROPERTY LINE (APPOXIMATE)

100-FT OFFSET FROM WETLAND OR PERENNIAL STREAM EXISTING WETLAND EXISTING TREELINE EXISTING STRUCTURE

EXISTING UTILITY POLE

#### LEGEND

PROPOSED LIMIT OF DISTURBANCE - PROPOSED GUIDE RAIL PROPOSED 3-STRAND HIGH-TENSILE FENCE PROPOSED GRAVEL PROPOSED OVEREXCAVATION AREA PROPOSED WELLHEAD PROPOSED PERIMETER BERM 625-FT. OFFSET FROM CENTER OF WELL PAD

- 240FS-= |||||| 100 MAN

- 18075-

#### REFERENCES

- 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 VIRGINAL LIDAR, DATED
- STREAM AND WETLANDS SHOWN PER CEC FIELD DELINEATION, DATED 7/9/2014, 9/11/2014, AND 2/28/2015.
- UTILITY POTHOLING CONDUCTED BY K2 ENGINEERS, INC. AND LOCATIONS PROVIDED BY CHEVRON ON 3/9/2015.

# WELL SITE NT CONTROL PLANS

0510186



Civil & Environmental Consultants, Inc.



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	REVISION RECORD								
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	Date								
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CLAY DISTRICT

MARSHALLS UND VAL

PREPARED CR:

CHEVRON APPALACHIA, LLC

800 MOUNTAIN VIEWDRIVE

SMITHFIELD, PA 15478

Recelled a of 民

Office of

JUL

COVER SHEET

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

025891

AD (S.R. 17) ALL COUNTY, WV

FOR:

LACHIA, LLC /IEW DRIVE

A 15478



DWG NO.	SHEET TITLE	INCLUDED
0.5000	COVERSHEET	×
E5050	EXISTING TOPOGRAPHIC PLAN	×
ES100	OVERALL EROSION AND SEDIMENT CONTROL PLAN	×
ES101	EROSION AND SEDIMENT CONTROL PLAN (1 OF 2)	×
ES102	EROSION AND SEDIMENT CONTROL PLAN (2 OF 2)	×
ES103	EROSION AND SEDIMENT CONTROL DETAILS (1 OF 7)	×
E5104	EROSION AND SEDIMENT CONTROL DETAILS (2 OF 7)	×
E5105	EROSION AND SEDIMENT CONTROL DETAILS (3 OF 7)	×
E5106	EROSION AND SEDIMENT CONTROL DETAILS (4 OF 7)	×
ES107	EROSION AND SEDIMENT CONTROL DETAILS (5 OF 7)	×
ES108	EROSION AND SEDIMENT CONTROL DETAILS (6 OF 7)	×
ES109	EROSION AND SEDIMENT CONTROL DETAILS (7 OF 7)	×
E\$110	WELL PAD CROSS-SECTIONS	×
5111	EXISTING DRIVEWAY PLAN AND PROFILE	×
ES112	ACCESS ROAD PLAN AND PROFILE VIEW	×
ES113	ACCESS ROAD CROSS-SECTIONS	×
GE500	GEOTECHNICAL SUBSURFACE SUMMARY	×
GE501	CROSS-SECTIONS	x
GE502	CROSS-SECTIONS	X
GE503	TYPICAL NOTES AND DETAILS	×
GE504	RSS PLAN AND ELEVATION VIEWS	×
GES05	RSS CROSS-SECTION	X
GE506	RSS DETAILS	×
GE507	RSS SPECIFICATIONS AND QUANTITIES	×
PC600	SITE PLAN WITH AERIAL	×
PC601	POST CONSTRUCTION RECLAMATION PLAN	X
PC602	POST CONSTRUCTION RECLAMATION DETAILS (1 OF 2)	×
PC603	POST CONSTRUCTION RECLAMATION DETAILS (2 OF 2)	X

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 INTERMEDIATE CONTOUR ×1152.05 PROPOSED SPOT ELEVATION



PROPOSED RSS OUTLET DRAIN PROPOSED INLET PROPOSED TEMPORARY VEGETATED CHANNEL



MISS UTILITY OF WEST VIRGINIA 1-800-245-4848
West Virginia State Law
(Section XIV: Chapter 24-C requires that you call the business days before you dig in the state of West Virginia.

IT'S THE LAW

TICKET NO.: 1419146252