September 15, 2015

WELL WORK PERMIT

Horizontal 6A Well

This permit, API Well Number: 47-5101858, 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: 1IH
Farm Name: RINE, OKEY L JR
API Well Number: 47-5101858
Permit Type: Horizontal 6A Well
Date Issued: 09/15/2015

Promoting a healthy environment.
PERMIT CONDITIONS

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

CONDITIONS

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

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

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

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

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

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

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

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

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

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
WELL WORK PERMIT APPLICATION

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

2) Operator’s Well Number: 11H
   Well Pad Name: Rine

3) Farm Name/Surface Owner: Okey L. Rine, Jr. Public Road Access: Campbell Hill Rd.

4) Elevation, current ground: 1160' Elevation, proposed post-construction: 1139'

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

6) Existing Pad: Yes or No Mp

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):
   Marcellus, 6,315’, 53’ - 0.64 psi/ft

8) Proposed Total Vertical Depth: 6,315'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 14,471’

11) Proposed Horizontal Leg Length: 6,732’

12) Approximate Fresh Water Strata Depths: 462’ GL

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

14) Approximate Saltwater Depths: 690’ GL, 1240’ - 1800’ GL, Mine info, nearby well control

15) Approximate Coal Seam Depths: 383’ GL, 658’ GL

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

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

   (a) If Yes, provide Mine Info:

      Name: Ireland Mine
      Depth: 658’ GL
      Seam: Pittsburgh No. 8
      Owner: CONSOL Energy

RECEIVED
Office of Oil and Gas
JUL 01 2015

WV Department of Environmental Protection
## CASING AND TUBING PROGRAM

<table>
<thead>
<tr>
<th>TYPE</th>
<th>Size (in)</th>
<th>New or Used</th>
<th>Grade</th>
<th>Weight per ft (lb/ft)</th>
<th>FOOTAGE: For Drilling (ft)</th>
<th>INTERVALS: Left in Well (ft)</th>
<th>CEMENT: Fill-up (Cu. Ft./CTS)</th>
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## TYPE

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<th>Wall Thickness (in)</th>
<th>Burst Pressure (psi)</th>
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<td>Depths Set:</td>
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Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection
19) Describe proposed well work, including the drilling and plugging back of any pilot hole:

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

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

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

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 18.0 acres

22) Area to be disturbed for well pad only, less access road (acres): 4.75 acres

23) Describe centralizer placement for each casing string:

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

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

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

25) Proposed borehole conditioning procedures:

The well be circulated a minimum of 2 bottoms up once casing point has been reached on all hole sections.
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.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OFFICE OF OIL AND GAS

FLUIDS/CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name: Chevron Appalachia, LLC
OP Code: 49449035
Watershed (HUC 10): Middle Grave Creek - Grave Creek
Quadrangle: Moundsville, WV

Do you anticipate using more than 5,000 bbls of water to complete the proposed well work? Yes [ ] No [x]
Will a pit be used? Yes [ ] No [x]
If so, please describe anticipated pit waste:
Will a synthetic liner be used in the pit? Yes [ ] No [ ] If so, what ml?

Proposed Disposal Method For Treated Pit Wastes:
[ ] Land Application
[ ] Underground Injection (UIC Permit Number)
[ ] Reuse (at API Number)
[ ] Off-Site Disposal (Supply form WW-9 for disposal location)
[ ] Other (Explain)

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

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc.
If oil based, what type? Synthetic, petroleum, etc.

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

Drill cuttings disposal method? Leave in pit, landfill, removed offsite, etc.
-If left in pit and plan to solidify what medium will be used? (cement, lime, sawdust)
-Landfill or offsite name/permit number? Arden Landfill - Permit # 100172; South Hills Landfill - Permit # 100592

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

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

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

Company Official Signature: [Signature]
Company Official (Typed Name): Jenny Hayes
Company Official Title: Permitting Team Lead

Received by: Office of Oil and Gas
JUL 02, 2015

Subscribed and sworn before me this 20th day of May, 2015

Notary Public

My commission expires Sept 2, 2018
Chevron Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed +2.78 Acres

Prevegetation pH per soil testing report

Lime 2000 Tons/acre or to correct to pH

Fertilizer type 10/20/2020

Fertilizer amount (000 Lb/4Z or 10/20/2020 noted, unless otherwise indicated by soil test) lbs/acre

Mulch 2 Tons/acre

Seed Mixtures

Temporary

Seed Type lbs/acre

See Table A Attached

Permanent

Seed Type lbs/acre

See Table B Attached

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: J. Waldman

Comments:

Title: Oil & Gas Inspector

Field Reviewed? ( ) Yes ( ) No

Date: 6/2/15

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Office of Oil and Gas

JUL 01 2015

WV Department of
Environmental Protection

9/18/2015
### TABLE A - TEMPORARY SEEDING MIXTURES (FROM WV DOT DOH STANDARD SPECIFICATIONS)

<table>
<thead>
<tr>
<th>VARIETY OF SEED</th>
<th>SPRING MARCH 1-MAY 15 LB/acre</th>
<th>SUMMER MAY 16-AUG 15 LB/acre</th>
<th>FALL AND WINTER AUG 16-APRIL 30 LB/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANNUAL RYEGRASS</td>
<td>10</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>BARLEY OF OATS (LOCAL SEEDS)</td>
<td>50</td>
<td>50</td>
<td></td>
</tr>
<tr>
<td>MILLET (HUNGARIAN, GERMAN OR JAPANESE)</td>
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</tr>
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<td>CEREAL RYE OR CEREAL WHEAT</td>
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<tr>
<td>TOTAL</td>
<td>60</td>
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### TABLE B - SEED MIXTURES (FROM WV DOT DOH STANDARD SPECIFICATIONS)

<table>
<thead>
<tr>
<th>VARIETY OF SEED</th>
<th>TYPE D* (CUT AND FILL SLOPES) LB/acre</th>
<th>TYPE L (ALL OTHER AREAS) LB/acre</th>
</tr>
</thead>
<tbody>
<tr>
<td>KENTUCKY 31 FESCUE</td>
<td>20</td>
<td>41</td>
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<tr>
<td>RED FESCUE (PENNLAWN)</td>
<td>20</td>
<td>63</td>
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<tr>
<td>CROWNVETCH</td>
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<tr>
<td>HARD FESCUE MIXTURE **</td>
<td>63</td>
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<tr>
<td>ANNUAL RYEGRASS AUG 1 TO MAY 15 OR WEEPING LOVEGRASS MAY 15 TO AUGUST 1</td>
<td>7</td>
<td>12</td>
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0 LB OF CEREAL RYE OR CEREAL WHEAT SHALL BE ADDED TO TYPE D MIXTURE WHEN WOOD CELLULOSE FIBER IS USED AS A MULCH FOR FALL SEEDING, AFTER OCTOBER 1ST, AT NO ADDITIONAL COST TO OWNER. A COMBINATION OF APPROVED CERTIFIED VARIETIES WITH NO ONE VARIETY EXCEEDING 50% OF THE TOTAL HARD FESCUE COMPONENT.
West Virginia Well Site Safety Plan

RINE Pad
Well: #11H
679 CAMPBELL HILL ROAD
MOUNDSVILLE, WV 26041
WASHINGTON DISTRICT
MARSHALL COUNTY, WV
Access Point - [39.907906°N, 80.683997°W]
Well Site - [39.909239°N, 80.692042°W]

Prepared in Conformance with:

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

Revision 3
Original: September 2012
Revised: June 2013
Revised: May 2014
Revised: January, 2015
LEGEND
- Topo Map Point
- Well
- All are points unless otherwise noted
- Mineraliamond
- Parcels
- Pond
- Stream Center Line
- Lessee
- Gas Wells
- Ditch Wells
- Plugged Wells

NOTES:
1. There are no water wells or developed springs within 300' of proposed well.
2. There are no existing buildings within 500' of proposed well.
3. Proposed well pad is within 100' from perennial stream wetland.
4. Proposed well is greater than 1000' from any underground storage tank or public water supply.
5. It is not the purpose or intention of this plot to represent surveyed locations of the surface or interest points depicted herein. The locations of the boundary lines, as shown, are based on record deed descriptions. Field evidence found at the tap mark positions, unless otherwise noted.

FILE #: RINE 11H
DRAWING #: RINE 11H
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: 1/2500
PROVEN SOURCE OF ELEVATION: USGS, MONUMENT "THOMAS' 1498.81"

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the regulations issued and prescribed by the DEPARTMENT OF ENVIRONMENTAL PROTECTION.

Signed: [Signature]


DATE: APRIL 2, 2015
OPERATOR'S WELL #: RINE 11H
API WELL #: 47 51
STATE COUNTY PERMIT

Watershed: Middle Grave Creek - Grave Creek
Elevation: 1180.00

County/District: Marshall / Washington
Quadrangle: Nouns ville, WV 7.5'

Surface Owner: Okey L. Rine Jr.
Acreage: 87.577

Oil & Gas Royalty Owner: Okey L. Rine Jr.
Acreage: 421.464

Drill: Drill Deeper
Convert: Redrill
Fracture or Stimulate: X
Plug Off: Old Formation
Perforate New Formation
Plug & Abandon

Clean Out & Replug: Other Change: (Specify):

Target Formation: Marcellus
Estimated Depth: Tvd. 6,517 ft
TMD. 14,471.33 ft

Well Operator: Chevron Appalachia, LLC
Designated Agent: Kenneth E. Tamey
Address: 800 Mountain View Drive
City: Smithfield, State: PA, Zip Code: 15478
Address: 500 South Street, East Suite 1600
City: Charleston, State: WV, Zip Code: 25301-3202

9/18/2015

File created by geospatial software.
SURFACE OWNER

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<tr>
<td>1</td>
<td>OKEY L. RINE JR.</td>
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<tr>
<td>2</td>
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<td>ROGER A. BRACY</td>
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<td>STEVEN M. LAVENISKI</td>
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<td>PATRICIA C. LINDGREN - TRUST</td>
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<tr>
<td>13</td>
<td>DENNIS W. &amp; DONNA CROW</td>
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LESSOR

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<td>C</td>
<td>ROGER A. &amp; LINDA S. BRACY</td>
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APRIL 2, 2015

9/18/2015
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:

<table>
<thead>
<tr>
<th>Lease Name or Number</th>
<th>Grantor, Lessor, etc.</th>
<th>Grantee, Lessee, etc.</th>
<th>Royalty</th>
<th>Book/Page</th>
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</table>

See Attached

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

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

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

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

WV Department of Environmental Protection

JUL 01 2015

Page 1 of 3
<table>
<thead>
<tr>
<th>Parcel</th>
<th>Lessor</th>
<th>Lessee</th>
<th>Royalty</th>
<th>DB/PG</th>
<th>ASSIGNMENT 1</th>
<th>ASSIGNMENT 2</th>
<th>ASSIGNMENT 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(A) (D)</td>
<td>Rine, Okey L., Jr.</td>
<td>Chevron USA, Inc.</td>
<td>16.00%</td>
<td>834/341</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
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<td>(B) (C)</td>
<td>Brady, Roger A. &amp; Linda S.</td>
<td>TriEnergy Holdings, LLC</td>
<td>16.00%</td>
<td>693/159</td>
<td>BK23/PG80--TriEnergy Holdings, LLC to NPAR, LLC and AB Resources LLC</td>
<td>BK24/PG393--NPAR, LLC to Chief Exploration &amp; Development LLC, et al.</td>
<td>BK25/1--Chief Exploration &amp; Development LLC, et al. to Chevron U.S.A. Inc.</td>
</tr>
<tr>
<td>(E)</td>
<td>Richards, Edward R. &amp; Jena L.</td>
<td>Chevron USA, Inc.</td>
<td>16.00%</td>
<td>820/337</td>
<td>N/A</td>
<td>N/A</td>
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</tr>
<tr>
<td>(H) (J)</td>
<td>Lindgren, Patricia C., Trustee of the Patricia C. Lindgren Living Trust Agreement</td>
<td>TriEnergy Holdings, LLC</td>
<td>16.00%</td>
<td>691/102</td>
<td>BK23/PG74--TriEnergy Holdings, LLC to NPAR, LLC</td>
<td>BK756/PG332--NPAR, LLC to Chevron USA, Inc.</td>
<td>N/A</td>
</tr>
</tbody>
</table>
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.

[Signature]
Branden Weimer
Attorney-In-Fact for Chevron Appalachia, LLC

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

RECEIVED
Office of Oil and Gas
JUL 01 2015
WV Department of
Environmental Protection
<table>
<thead>
<tr>
<th>Parcel</th>
<th>Lessor</th>
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<th>ASSIGNMENT 1</th>
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<th>ASSIGNMENT 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>(K)</td>
<td>Horner, Quay A. &amp; Arlena B.</td>
<td>TriEnergy Holdings, LLC</td>
<td>18.00%</td>
<td>728/375</td>
<td>BK25/PG449--TriEnergy Holdings, LLC to NPAR, LLC</td>
<td>BK756/PG332--NPAR, LLC to Chevron USA, Inc.</td>
<td>N/A</td>
</tr>
<tr>
<td>(L) (M)</td>
<td>Moore, Colleen McClain</td>
<td>NPAR, LLC</td>
<td>17.00%</td>
<td>701/140</td>
<td>BK24/PG466--NPAR, LLC, et al. to Chief Exploration &amp; Development LLC, et al.</td>
<td>BK25/1--Chief Exploration &amp; Development LLC, et al. to Chevron U.S.A. Inc.</td>
<td>N/A</td>
</tr>
<tr>
<td>(L) (M)</td>
<td>Heath, Ellen I.</td>
<td>NPAR, LLC</td>
<td>17.00%</td>
<td>701/142</td>
<td>BK24/PG466--NPAR, LLC, et al. to Chief Exploration &amp; Development LLC, et al.</td>
<td>BK25/1--Chief Exploration &amp; Development LLC, et al. to Chevron U.S.A. Inc.</td>
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</tr>
<tr>
<td>(N)</td>
<td>Crow, Dennis W. &amp; Donna</td>
<td>Chevron USA, Inc.</td>
<td>18.00%</td>
<td>853/249</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>
West Virginia D.E.P.
Office of Oil & Gas
601 57th Street SE
Charleston, WV 25304-2345

June 23, 2015

RE: Rine #5H, 7H, 9H & 11H

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,

Ian J. Durham
Land Representative

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Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE CERTIFICATION

Date of Notice Certification: 09/17/2015

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

State: West Virginia  UTM NAD 83:
County: Marshall  Easting: 526344.461
District: Washington  Northing: 4417754.885
Quadrangle: Moundsville, WV  Generally used farm name: Rine
Watershed: Middle Grave Creek - Grave Creek

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

Pursuant to West Virginia Code § 22-6A, the Operator has attached proof to this Notice Certification that the Operator has properly served the required parties with the following:

*PLEASE CHECK ALL THAT APPLY*

☐ 1. NOTICE OF SEISMIC ACTIVITY  or  ☐ NOTICE NOT REQUIRED BECAUSE NO SEISMIC ACTIVITY WAS CONDUCTED

☐ 2. NOTICE OF ENTRY FOR PLAT SURVEY  or  ☐ NO PLAT SURVEY WAS CONDUCTED

☐ 3. NOTICE OF INTENT TO DRILL  or  ☐ NOTICE NOT REQUIRED BECAUSE NOTICE OF ENTRY FOR PLAT SURVEY WAS CONDUCTED  or

☐ WRITTEN WAIVER BY SURFACE OWNER (PLEASE ATTACH)

☐ 4. NOTICE OF PLANNED OPERATION

☐ 5. PUBLIC NOTICE

☐ 6. NOTICE OF APPLICATION

OOG OFFICE USE ONLY
☐ RECEIVED/ NOT REQUIRED
☐ RECEIVED
☐ RECEIVED/ NOT REQUIRED

☐ RECEIVED

☐ RECEIVED

☐ RECEIVED

RECEIVED
Office of Oil and Gas
JUL 01 2015

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

THEREFORE, I, Jenny Hayes, 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
By: [Signature]
Its: Permitting Team Lead
Telephone: 724-564-3700

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

Subscribed and sworn before me this 17th day of June, 2015
___________________ Notary Public
Kristen Brooks

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.

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Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

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

Date of Notice: 5/21/15
Date Permit Application Filed: 4/24/15

Notice of:

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

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

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

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

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

☐ SURFACE OWNER(s)
Name: Okeel L. Bine Jr.
Address: 6 Tracey Lane
Moundsville, WV 26041

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

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

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

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

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Sherry L. Bine
Address: RD 3 Box 241
Moundsville, WV 26041

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

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Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

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

Date of Notice: _______ Date Permit Application Filed: _______

Notice of:

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

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

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

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

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

☐ SURFACE OWNER(s)
Name:
Address:

Name:
Address:

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

Name:
Address:

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

☑ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Jodi L. & Tony A. Harding
Address: 899 Tom's Run Rd
Moundsville, WV 26041

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

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Office of Oil and Gas
JUL 01 2015

Please attach additional forms if necessary

WV Department of Environmental Protection

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

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

Date of Notice: _______ Date Permit Application Filed: _______

Notice of:

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

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

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

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

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

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

Name: ____________________________
Address: ____________________________

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

Name: ____________________________
Address: ____________________________

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

☐ COAL OWNER OR LESSEE
Name: ____________________________
Address: ____________________________

☐ COAL OPERATOR
Name: ____________________________
Address: ____________________________

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYORS
Name: Patricia S. Hopkins
Address: 19 Charles Drive
Moundsville, WV 26041

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

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Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

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

Date of Notice: __________ Date Permit Application Filed: __________

Notice of:
☐ PERMIT FOR ANY WELL WORK  ☐ CERTIFICATE OF APPROVAL FOR THE CONSTRUCTION OF AN IMPOUNDMENT OR PIT

Delivery method pursuant to West Virginia Code § 22-6A-10(b)
☐ PERSONAL  ☑ REGISTERED MAIL  ☐ METHOD OF DELIVERY THAT REQUIRES A RECEIPT OR SIGNATURE CONFIRMATION

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract or land on which the well was or is proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place.

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

☐ SURFACE OWNER(s)
Name:
Address:

Name:
Address:

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

Name:
Address:

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

☐ COAL OWNER OR LESSEE
Name:
Address:

☐ COAL OPERATOR
Name:
Address:

☐ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
Name: Ronnie Pyles
Address: 1665 Tamas Run Road
Moundsville, WV 26041

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

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WV Department of Environmental Protection

API NO. 47-
OPERATOR WELL NO. 31H
Well Pad Name: Ronp

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF APPLICATION

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

Date of Notice: _______ Date Permit Application Filed: _______

Notice of:

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

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

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

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

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

☐ SURFACE OWNER(s)
  Name: __________________________
  Address: ________________________

  Name: __________________________
  Address: ________________________

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

  Name: __________________________
  Address: ________________________

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

□ COAL OWNER OR LESSEE
  Name: __________________________
  Address: ________________________

□ COAL OPERATOR
  Name: __________________________
  Address: ________________________

□ SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)
  Name: __________________________
  Address: ________________________

□ OPERATOR OF ANY NATURAL GAS STORAGE FIELD
  Name: __________________________
  Address: ________________________

RECEIVED
Office of Oil and Gas
JUL 01 2015

WV Department of Environmental Protection

9/18/2015
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 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 water purveyor that he or she can obtain from the Chief a list of testing laboratories in the subject area capable of and qualified to test water supplies in accordance with standard acceptable methods.

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

Well Location Restrictions
Pursuant to W. Va. Code § 22-6A-12, Wells may not be drilled within one hundred 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. This limitation is applicable to those wells, developed springs, dwellings or agricultural buildings that existed on the date a notice to the surface owner of planned entry for surveying or staking as provided in section ten of this article or a notice of intent to drill a horizontal well as provided in subsection (b), section sixteen of this article was provided, whichever occurs first, and to any dwelling under construction prior to that date. This limitation may be waived by written consent of the surface owner transmitted to the department and recorded in the real property records maintained by the clerk of the county commission for the county in which such property is located. Furthermore, the well operator may be granted a variance by the secretary from these distance restrictions upon submission of a plan which identifies the sufficient measures, facilities or practices to be employed during well site construction, drilling and operations. The variance, if granted, shall include terms and conditions the department requires to ensure the safety and protection of affected persons and property. The terms and conditions may include insurance, bonding and indemnification, as well as technical requirements. (b) No well pad may be prepared or well drilled within one hundred feet measured horizontally from any perennial stream, natural or artificial lake, pond or reservoir, or a wetland, or within three hundred feet of a naturally reproducing trout stream. No well pad may be located within one thousand feet of a surface or ground water intake of a public water supply. The distance from the public water supply as identified by the department shall be measured as follows: (1) For a surface water intake on a lake or reservoir, the distance shall be measured from the boundary of the lake or reservoir. (2) For a surface water intake on a flowing stream, the distance shall be measured from a semicircular radius extending upstream of the surface water intake. (3) For a groundwater source, the distance shall be measured from the wellhead or spring. The department may, in its discretion, waive these distance restrictions upon submission of a plan identifying sufficient measures, facilities or practices to be employed during well site construction, drilling and operations to protect the waters of the state. A waiver, if granted, shall impose any permit conditions as the secretary considers necessary. (e) Notwithstanding the foregoing provisions of this section, nothing contained in this section prevents an operator from conducting the activities permitted or authorized by a Clean Water Act Section 404 permit or other approval from the United States Army Corps of Engineers within any waters of the state or within the restricted areas referenced in this section. (d) The well location restrictions set forth in this section shall not apply to any well on a multiple well pad if at least one of the wells was permitted prior to the effective date of this article. (e) The secretary shall, by December 31, 2012, report to the Legislature on the noise, light, dust and volatile organic compounds generated by the drilling of horizontal wells as they relate to the well location restrictions regarding occupied dwelling structures pursuant to this section. Upon a finding, if any, by the secretary that the well location restrictions regarding occupied dwelling structures are inadequate or otherwise require alteration to address the items
examine 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 subdivision (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 well water test. (2) The landowner or water purveyor refused to allow the operator access to the property to conduct a predrilling or prealteration well water 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 elective 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 well water 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 subdivision (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. Any 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 5th 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.
Time Limits and Methods for Filing Comments.
The law requires these materials to be served on or before the date the operator files its Application. You have THIRTY (30) DAYS after the filing date to file your comments. Comments must be filed in person or received in the mail by the Chief's office by the time stated above. You may call the Chief's office to be sure of the date. Check with your postmaster to ensure adequate delivery time or to arrange special expedited handling. If you have been contacted by the well operator and you have signed a "voluntary statement of no objection" to the planned work described in these materials, then the permit may be issued at any time.

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

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

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

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

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

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

Pursuant to West Virginia Code § 22-6A-10(g), any person entitled to submit written comments to the secretary pursuant to subsection (a), section eleven of this article, shall also be entitled to receive from the secretary a copy of the permit as issued or a copy of the order modifying or denying the permit if the person requests receipt of them as a part of the written comments submitted concerning the permit application. Such persons may request, at the time of submitting written comments, notice of the permit decision and a list of persons qualified to test water.
WW-6A
(8-13)

Notice is hereby given by:
Well Operator: Chevron Appalachia, LLC
Telephone: 724-564-3709
Email:

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

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

Subscribed and sworn before me this 20th day of May 2015.

Kristen Brooks, Notary Public

My Commission Expires Sept 2, 2018
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**SURFACE OWNER:** OKEY L. RINE, JR.

**OIL/GAS OWNER:** OKEY L. RINE, JR.

**WELL OPERATOR:** CHEVRON APPALACHIA, LLC

**ADDRESS:** 800 MOUNTAIN VIEW DRIVE
SMITHFIELD, PA 15478
PHONE: 724-564-3700

**RECEIVED**
Office of Oil and Gas
JUL 9, 2015

**SURVEYOR:** BLUE MOUNTAIN INC.
ADDRESS: 10125 MASON DIXON HIGHWAY
BURTON, WV 26522
PHONE: 304-662-6436

**9/18/2015**
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WATER SUPPLY EXHIBIT
RINE

Blue Mountain Inc.
### WATER SUPPLY EXHIBIT

#### RINE

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### Environmental Protection Office of the State

JUL 0 2009
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF ENTRY FOR PLAT SURVEY

Notice Time Requirement: Notice shall be provided at least SEVEN (7) days but no more than FORTY-FIVE (45) days prior to entry
Date of Notice: 09-02-2014  Date of Planned Entry: 09-09-2014

Delivery method pursuant to West Virginia Code § 22-6A-10a
☐ PERSONAL  ☐ REGISTERED  ☐ METHOD OF DELIVERY THAT REQUIRES A
SERVICE  MAIL  RECEIPT OR SIGNATURE CONFIRMATION

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

Notice is hereby provided to:
☐ SURFACE OWNER(s)
Name: OKEY L. RINE, JR.
Address: 6 TRACY LN
MOUNDSVILLE, WV 26041
Name:  
Address:  
Name:  
Address:  

☐ COAL OWNER OR LESSEE
Name:  
Address:  

☐ MINERAL OWNER(s)
Name:  
Address:  
*please attach additional forms if necessary

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-10(a), notice is hereby given that the undersigned well operator is planning entry to conduct a plat survey on the tract of land as follows:
State: WEST VIRGINIA
County: MARSHALL
District: WASHINGTON
Quadrangle: MOUNDSVILLE
Approx. Latitude & Longitude: LAT: 39°54'33"  LON: 80°41'15"
Public Road Access: CR 38, CAMPELLE HILL ROAD
Watershed: MIDDLE GRAVE CREEK-GRAVE CREEK
Generally used farm name: RINE

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

Notice is hereby given by:
Well Operator: Chevron North America Exploration and Production Company
Address:  
Telephone: 724-564-3851
Email: dwolfe@chevron.com
Facsimile: 724-564-3894

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies, the appropriate operator, the Secretary of State for the purpose 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.
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF INTENT TO DRILL

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

Notice Time Requirement: Notice shall be provided at least TEN (10) days prior to filing a permit application.
Date of Notice: 05/21/2015 Date Permit Application Filed: 07/24/15

Delivery method pursuant to West Virginia Code § 22-6A-16(b)
☐ HAND ☐ CERTIFIED MAIL
☐ DELIVERY ☐ RETURN RECEIPT REQUESTED

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

Notice is hereby provided to the SURFACE OWNER(s):
Name: Okey L. Rine Jr.
Address: 6 Tracy Lane
Moundsville, WV 26041
Name:
Address:

Notice is hereby given:
Pursuant to West Virginia Code § 22-6A-16(b), notice is hereby given that the undersigned well operator has an intent to enter upon the surface owner’s land for the purpose of drilling a horizontal well on the tract of land as follows:
State: West Virginia
County: Marshall
District: Washington
Quadrangle: Moundsville, WV
Watershed: Middle Grave Creek - Grave Creek
UTM NAD 83 Easting: 526344.461
Northing: 4417754.685
Public Road Access: Campbell Hill Rd.
Generally used farm name: Rine

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

Notice is hereby given by:
Well Operator: Chevron Appalachia, LLC
Address: 800 Mountain View Dr
Smithfield, PA 15473
Telephone: 724-564-3700
Email: 
Facsimile: 724-564-3684
Authorized Representative:
Address:
Telephone:
Email:
Facsimile:

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

RECEIVED
Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
NOTICE OF PLANNED OPERATION

Notice Time Requirement: notice shall be provided no later than the filing date of permit application.
Date of Notice: 9/24/2015 Date Permit Application Filed: 9/24/15

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

☐ CERTIFIED MAIL ☐ HAND DELIVERY
RETURN RECEIPT REQUESTED

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

Notice is hereby provided to the SURFACE OWNER(s)
ationalized

Name: Okey L. Rine Jr.
Address: 8 Tracey Lane
Moundsville, WV 26041

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

State: West Virginia UTM NAD 83
County: Marshall Easting: 526344.461
District: Washington Northing: 4417754.885
Quadrangle: Moundsville, WV Public Road Access: Campbell Hill Rd
Watershed: Middle Grave Creek - Grave Creek
Generally used farm name: Rine

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

Well Operator: Chevron Appalachia, LLC
Address: 800 Mountain View Drive
Telephone: 724-554-3700
Email: Facsimile: 724-554-3694

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 depprivacypolicy@wv.gov.

RECEIVED
Office of Oil and Gas
JUL 01, 2015
WV Department of Environmental Protection

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS

VOLUNTARY STATEMENT OF NO OBJECTION

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

State: West Virginia
County: Marshall
District: Washington
Quadrangle: Moundsville, WV
Watershed: Middle Grave Creek - Grave Creek

Public Road Access: Campbell Hill Rd
Generally used farm name: Rice

UTM NAD 83
Easting: 5283464.81
Northig: 4417084.55

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

*Please check the box that applies

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

FOR EXECUTION BY A NATURAL PERSON

Signature: __________________________
Print Name: __________________________
Date: __________________________

FOR EXECUTION BY A CORPORATION, ETC.

Company:
By: __________________________
Its: __________________________
Signature: __________________________
Date: __________________________

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address, and/or 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, but not limited to, information Act requests. Our office will appropriately secure your personal information. If you have any questions about our use of your personal information, please contact DEP's Chief Privacy Officer at depprivacyofficer@wv.gov.

JUL 01 2015
WV Department of Environmental Protection

9/18/2015
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION, OFFICE OF OIL AND GAS
VOLUNTARY STATEMENT OF NO OBJECTION

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

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

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

State: West Virginia
County: Marshall
District: Washington
Quadrangle: MOUNDSVILLE
Watershed: Middle 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 West Virginia North State Plane NAD 27 coordinates of North 515,556.536 ft, East 1,665,628.980 ft in accordance with the Agreement between Consolidation Coal Company and Chevron U.S.A. Inc. dated 6/7/2015.

*Please check the box that applies
☐ SURFACE OWNER
☐ SURFACE OWNER (Road and/or Other Disturbance)
☐ SURFACE OWNER (Impoundments/Pits)
☐ COAL OWNER OR LESSEE
☐ COAL OPERATOR
☐ WATER PURVEYOR
☐ OPERATOR OF ANY NATURAL GAS STORAGE WELL

FOR EXECUTION BY A NATURAL PERSON

Signature: ____________________________
Print Name: __________________________
Date: ________________________________

FOR EXECUTION BY A CORPORATION, ETC.

Company: Consolidation Coal Company
Gas By: Alex O’Neill
Its: Chief Oil & Gas Relations Manager

Signature: ____________________________
Date: 6/8/2015

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

9/18/2015
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
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Comment and Waiver Provisions
Pursuant to West Virginia Code § 22-6A-11(a), all persons described in subsection (b), section ten of this article may file written comments with the secretary as to the location or construction of the applicant's proposed well work within thirty days after the application is filed with the secretary.

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

VOLUNTARY STATEMENT OF NO OBJECTION

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

State: West Virginia
County: Marshall
District: Washington
Quadrangle: Moundsville, WV
Watershed: Middle Grave Creek - Grave Creek

UTM NAD 83: Easting: 526344.461
Northing: 441754.685
Public Road Access: Campbell Hill Rd
Generally used farm name: Rine

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

*Please check the box that applies
☐ SURFACE OWNER
☐ SURFACE OWNER (Road and/or Other Disturbance)
☐ SURFACE OWNER (Impoundments/Pits)
☐ COAL OWNER OR LESSEE
☐ COAL OPERATOR
☒ WATER PURVEYOR
☐ OPERATOR OF ANY NATURAL GAS STORAGE FIELD

FOR EXECUTION BY A NATURAL PERSON
Signature: Ronnie E. Hughes
Print Name: Ronnie E Hughes
Date: 5-27-15

FOR EXECUTION BY A CORPORATION, ETC.
Company:
By:
Its:

Signature: __________________________
Date: __________________________

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

RECEIVED
Office of Oil and Gas
WV Dept of Environmental Protection
JUL 01 2015
9/18/2015
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
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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.

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VOLUNTARY STATEMENT OF NO OBJECTION

I, [Name], do 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 five (5) including the erosion and sediment control plan, if required, and the well plat, all for proposed well work on the tract of land as follows:

State: West Virginia
County: Marshall
District: Washington
Quadrangle: Moundsville, WV
Watershed: Middle Grave Creek - Grave Creek

Public Road Access: Campbell Hill Rd
Generally used farm name: Rine

Easting: 526344.461
Northing: 4417754.685

UTM NAD 83

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

*Please check the box that applies

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

FOR EXECUTION BY A NATURAL PERSON
Signature: [Signature]
Print Name: [Name]
Date: 5-31-2015

FOR EXECUTION BY A CORPORATION, ETC.
Company:
By:
Its:

Signature: [Signature]
Date: [Date]

Oil and Gas Privacy Notice:
The Office of Oil and Gas processes your personal information, such as name, address and telephone number, as part of our regulatory duties. Your personal information may be disclosed to other State agencies or third parties in the 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 collection of personal information, please contact DEP’s Chief Privacy Officer at depprivacyofficer@wv.gov.

WV Department of Environmental Protection
JUL 01 2015
9/18/2015
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 Rine A Well Pad, Marshall County

Rine A Unit 5H    Rine A Unit 7H    Rine A Unit 9H    Rine A Unit 11H

Dear Mr. Martin,

The West Virginia Division of Highways has issued Permit #06-2015-0198 for the subject site to Chevron Appalachia, LLC for access to the State Road for the well site located off of Marshall County Route 38 SLS.

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

Very Truly Yours,

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

Cc: Kristen R. Brooks
Chevron Appalachia, LLC
CH, OM, D-6
File
Hydraulic Fracturing Fluid Composition - MSDS Base

<table>
<thead>
<tr>
<th>Trade Name</th>
<th>Supplier</th>
<th>Purpose</th>
<th>Ingredients</th>
<th>Chemical Abstract Service Number (CAS #)</th>
<th>Maximum Ingredient Concentration in Additive (% by mass)**</th>
<th>Maximum Ingredient Concentration in HF Fluid (% by mass)**</th>
<th>Comments</th>
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<tr>
<td>Clean Volume</td>
<td>Chevron Alibusi</td>
<td>Carrier/Base Fluid</td>
<td>Water (Including Mix Water Supplied by Client)**</td>
<td>NA</td>
<td>89.16250455%</td>
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<tr>
<td>Proppant</td>
<td>Schlumberger</td>
<td>Proppant</td>
<td>Crystalline Silica</td>
<td>14608-60-7</td>
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<td>10.68016923%</td>
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<td>7.5% Acid</td>
<td>Schlumberger</td>
<td>Perf Cleanup</td>
<td>Hydrochloric Acid</td>
<td>7647-01-0</td>
<td>15</td>
<td>0.00923732%</td>
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<tr>
<td>15% Acid</td>
<td>Schlumberger</td>
<td>Perf Cleanup</td>
<td>Hydrochloric Acid</td>
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<td>0.00923732%</td>
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<tr>
<td>A264</td>
<td>Schlumberger</td>
<td>Corrosion Inhibitor</td>
<td>Methanol</td>
<td>67-56-1</td>
<td>40</td>
<td>0.00006213%</td>
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<tr>
<td>L056</td>
<td>Schlumberger</td>
<td>Iron Stabilizer</td>
<td>Sodium erythorbate</td>
<td>6281-77-7</td>
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<td>J154</td>
<td>Schlumberger</td>
<td>Gel Breaker</td>
<td>Hemicellulose enzyme</td>
<td>9012-54-8</td>
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<td>0.00113112%</td>
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<td>J580</td>
<td>Schlumberger</td>
<td>Gelling Agent</td>
<td>Carbohydrate polymer</td>
<td>Proprietary</td>
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<td>J609W</td>
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<td>Friction Reducer</td>
<td>Ammonium Sulfate</td>
<td>7763-20-2</td>
<td>30</td>
<td>0.00054736%</td>
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<tr>
<td>U042</td>
<td>Schlumberger</td>
<td>Iron Chelating Agent</td>
<td>Tetrasodium ethylene diamine tetraacetate</td>
<td>84-02-8</td>
<td>60</td>
<td>0.00077882%</td>
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<tr>
<td>BS17</td>
<td>Schlumberger</td>
<td>Scale Inhibitor</td>
<td>Trisodium ortho phosphate</td>
<td>7601-54-9</td>
<td>5</td>
<td>0.00003982%</td>
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<td></td>
<td></td>
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<td>Ethane-1-2,diol</td>
<td>1 07-21-1</td>
<td>5</td>
<td>0.00003982%</td>
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</tbody>
</table>

* Total Water Volume sources may include fresh water, produced water, and/or recycled water.
** Information is based on the maximum potential for concentration and thus the total may be over 100%.
Report ID: RPT-24521 (Generated on 2/27/2014 9:48 AM)

All component information listed was obtained from the supplier's Material Safety Data Sheets (MSDS). As such, the Operator is not responsible for inaccurate and/or incomplete information. Any questions regarding the content of the MSDS should be directed to the supplier who provided it. The Occupational Safety and Health Administration's (OSHA) regulations govern the criteria for the disclosure of this information. Please note that Federal Law protects "proprietary", "trade secret", and "confidential business information" and the criteria for how this information is reported on an MSDS is subject to 29 CFR 1910.1200() and Appendix D.
CONSULTANTS
BLUE MOUNTAIN AERIAL MAPPING
11023 MASON DIXON HIGHWAY
BURLINGTON, WEST VIRGINIA 26522
304-662-2626

START OF ACCESS ROAD TO WELL AT CAMPBELL HILL ROAD (CO 38)
LATITUDE: 39°54'28.41" N LONGITUDE: 80°41'02.38" W

WELL PIN "2"
LATITUDE: 39°54'33.514" N LONGITUDE: 80°41'31.154" W

WELL PIN "4"
LATITUDE: 39°54'33.683" N LONGITUDE: 80°41'31.020" W

WELL PIN "5"
LATITUDE: 39°54'33.581" N LONGITUDE: 80°41'30.801" W

WELL PIN "6"
LATITUDE: 39°54'33.852" N LONGITUDE: 80°41'30.887" W

WELL PIN "7"
LATITUDE: 39°54'33.750" N LONGITUDE: 80°41'30.668" W

WELL PIN "8"
LATITUDE: 39°54'34.021" N LONGITUDE: 80°41'30.754" W

WELL PIN "9"
LATITUDE: 39°54'33.919" N LONGITUDE: 80°41'30.534" W

WELL PIN "10"
LATITUDE: 39°54'34.190" N LONGITUDE: 80°41'30.621" W

WELL PIN "11"
LATITUDE: 39°54'34.088" N LONGITUDE: 80°41'30.401" W

CENTER OF WELL PAD
LATITUDE: 39°54'33.13" N LONGITUDE: 80°41'30.35" W

BASED ON NAD 83 PROJECTIONS

WATERSHED NAME: UPPER OHIO SOUTH
RECEIVING STREAMS (USGS BLUE LINE): LEACH RUN AND TOM'S RUN
DISTANCE TO NEAREST USGS BLUE LINE STREAM = +/- 670 L.F.
NO ANTICIPATED WETLAND IMPACTS
### RINE WELL SITE

**CS 000**

**SITE LIMITS**

- **DWG No.**
- **Sheet Title**
- **Included**

<table>
<thead>
<tr>
<th>DWG No.</th>
<th>Sheet Title</th>
<th>Included</th>
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</thead>
<tbody>
<tr>
<td>CS 000</td>
<td>COVER SHEET</td>
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**RECEIVED**

Office of Oil and Gas
JUL 01 2015
WV Department of Environmental Protection

**JW 6/27/15**

### RINE LIMITS OF DISTURBANCE AREA (AC)

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**IMPACTS TO DREW E. RINE, JR.**

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