



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary  
[www.dep.wv.gov](http://www.dep.wv.gov)

Monday, May 5, 2025  
WELL WORK PERMIT  
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC  
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit approval for SCRANAGE 1204 S-7H  
47-033-06101-00-00

This well work permit 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 any additional specific 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 of 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.

Per 35 CSR 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- 0450.

  
James A. Martin  
Chief

Operator's Well Number: SCRANAGE 1204 S-7H  
Farm Name: DAVID K. SCRANAGE  
U.S. WELL NUMBER: 47-033-06101-00-00  
Horizontal 6A New Drill  
Date Issued: 5/5/2025

Promoting a healthy environment.

05/09/2025

# 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.

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## CONDITIONS

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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. 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. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. 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.
10. 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.
11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

05/09/2025

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

1) Well Operator: HG Energy II Appalachia, L.P.

|                  |                 |              |                         |
|------------------|-----------------|--------------|-------------------------|
| <u>494519932</u> | <u>Harrison</u> | <u>Grant</u> | <u>Mount Clare 7.5'</u> |
|------------------|-----------------|--------------|-------------------------|

  
Operator ID County District Quadrangle

2) Operator's Well Number: Scranage 1204 S-7H Well Pad Name: Scranage 1204

3) Farm Name/Surface Owner: David Scranage Public Road Access: Rice Run Road

4) Elevation, current ground: 1252' Elevation, proposed post-construction: 1247'

5) Well Type (a) Gas  Oil  Underground Storage   
Other

(b) If Gas Shallow  Deep   
Horizontal

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6) Existing Pad: Yes or No No

7) Proposed Target Formation(s), Depth(s), Anticipated Thickness and Expected Pressure(s):  
Marcellus at 7049' / 7145' and 96' in thickness. Anticipated pressure at 4314#.

8) Proposed Total Vertical Depth: 7080'

9) Formation at Total Vertical Depth: Marcellus

10) Proposed Total Measured Depth: 20,400'

11) Proposed Horizontal Leg Length: 11,191'

12) Approximate Fresh Water Strata Depths: 60', 90', 135', 181, 480', 496', 640', 728'

13) Method to Determine Fresh Water Depths: Nearest offset well data (47-033-73927, 01915, 01217, 06001)

14) Approximate Saltwater Depths: 1605'

15) Approximate Coal Seam Depths: 272', 501', 650', 730', 736', 950', 1040', 1150' (Surface casing is being extended to cover the coal in the DTI Storage Field)

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  No

(a) If Yes, provide Mine Info: Name: \_\_\_\_\_  
Depth: \_\_\_\_\_  
Seam: \_\_\_\_\_  
Owner: \_\_\_\_\_

4703306101

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WW-6B  
(04/15)

API NO. 47-  
OPERATOR WELL NO. Scraper 1204 S-7H  
Well Pad Name: Scraper 1204

18)

CASING AND TUBING PROGRAM

| TYPE             | Size (in) | New or Used | Grade    | Weight per ft. (lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS: Left in Well (ft) | CEMENT: Fill-up (Cu. Ft)/CTS |
|------------------|-----------|-------------|----------|------------------------|----------------------------|------------------------------|------------------------------|
| Conductor        | 30"       | New         | LS       | 157.5                  | 120'                       | 120'                         | Drilled In                   |
| Fresh Water/Coal | 20"       | NEW         | J-55     | 94                     | 1200'                      | 1200'                        | 40% excess, CTS              |
| Intermediate 1   | 13 3/8"   | NEW         | J-55 BTC | 68                     | 1855'                      | 1855'                        | 40% excess, CTS              |
| Intermediate 2   | 9 5/8"    | NEW         | N-80 BTC | 40                     | 4975'                      | 4975'                        | 40% excess tail, CTS         |
| Production       | 5 1/2"    | NEW         | P-110 HP | 23                     | 20400'                     | 20400'                       | 20% excess tail, CTS         |
| Tubing           |           |             |          |                        |                            |                              |                              |
| Liners           |           |             |          |                        |                            |                              |                              |

| TYPE             | Size (in) | Wellbore Diameter (in) | Wall Thickness (in) | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | Cement Type     | Cement Yield (cu. ft./k)                 |
|------------------|-----------|------------------------|---------------------|----------------------|--|-----------------|--|
| Conductor        | 30"       | 30"                    | .500                |                      |  |                 | Drilled In                               |
| Fresh Water/Coal | 20"       | 26"                    | .438                | 2110                 | 1200                                     | Type 1, Class A | 42% excess yield = 1.23, CTS             |
| Intermediate 1   | 13 3/8"   | 17 1/2"                | .480                | 3450                 |  | Type 1/Class A  | Line 470 excess, Tail 20% excess         |
| Intermediate 2   | 9 5/8"    | 12 1/4"                | .395                | 5750                 |  | Type 1/Class A  | Line 475 excess, Tail 20% excess         |
| Production       | 5 1/2"    | 8 1/2"                 | .415                | 16240                | 12500                                    | Type 1/Class A  | 20% excess yield = 1.10, Tail 20% excess |
| Tubing           |           |                        |                     |                      |  |                 |  |
| Liners           |           |                        |                     |                      |  |                 |  |

PACKERS

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

*Ky Willett 3/13/25*

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

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 7080 feet. Drill horizontal leg to estimated 11,191' lateral length, 20,400' TMD. Hydraulically fracture, stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

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

The stimulation will be completed with multiple stages divided over the lateral length of the well. Stage spacing is dependent upon engineering design. Slickwater fracturing technique will be utilized on each stage using sand, water, and chemicals. See attached list. Maximum pressure not to exceed 12,500 psi.

21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 21.29 acres

22) Area to be disturbed for well pad only, less access road (acres): 8.87 acres

23) Describe centralizer placement for each casing string:

No centralizers will be used with conductor casing.  
Freshwater - centralized every 3 joints to surface.  
Coal - Bow Spring on every joint, will also be running ACP for isolating storage zone  
Intermediate - Bow Spring on first 2 joints then every third joint to 100' from surface.  
Production - Run 1 spiral centralizer every 5 joints from the top of the curve to surface. Run 1 spiral centralizer every 3 joints from the 1st 5.5' long joint to the top of the curve.

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

Conductor - N/A, Casing to be drilled in w/ Dual Rotary Rig  
Fresh Water - 15.6 ppg PNE-1 + 3% bwoc CaCl<sub>2</sub> 40% Excess Yield = 1.20, CTS  
Storage String \*\*\* CTS \*\*\* 15.4 ppg Lead - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements) B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB  
Intermediate 1 - "Lead: 15.9 ppg PNE-1 + 2.5% bwoc CaCl<sub>2</sub> 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl<sub>2</sub> zero% Excess. CTS"  
Dispersant / D095 1.5 lb per SBL ChemNET - 60% Excess 15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements) B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK\* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack  
Anti Foam / D801 - 0.03 gal / sack Retarder - 0% Excess"  
Intermediate 2 - "Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl<sub>2</sub> 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl<sub>2</sub> zero% Excess. CTS"  
Production - "Lead: 14.5 ppg POZ-FNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA17020% Excess Lead Yield=1.19 Tail Yield=1.94CTS"

25) Proposed borehole conditioning procedures:

Conductor - Ensure the hole is clean at TD.  
Fresh Water - Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.  
Coal - Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.  
Intermediate - Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement.  
Production - Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement.

\*Note: Attach additional sheets as needed.

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HG Energy II Appalachia, LLC  
Scragage 1204 Well Pad (N-1H, N-2H, N-3H, N-4H, N-5H, N-6H, S-7H, S-8H, S-9H, S-10H, S11H, S12H)  
Cement Additives

| Material Name  | Material Type    | Material Description   | CAS #   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
|--|------------------|--|---|-----------------|---|------------|-----------------------------------|----------|---------------|-----------------------------------|---------|---------------|--|--------|-------------|-----------------------------------|---------|---------------|------------------|---------|---------------|
| Premium NE-1   | Portland Cement  | Premium NE-1 is a portland cement with early compressive strength properties.  | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Portland cement</td> <td>90 - 100</td> <td>65997-15-1</td> </tr> <tr> <td>Calcium oxide</td> <td>1 - 5</td> <td>1305-78-8</td> </tr> <tr> <td>Magnesium oxide</td> <td>1 - 5</td> <td>1309-48-4</td> </tr> <tr> <td>Crystalline silica: Quartz (SiO2)</td> <td>0.1 - 1</td> <td>14808-60-7</td> </tr> </tbody> </table>   | Ingredient name | % | CAS number | Portland cement                   | 90 - 100 | 65997-15-1    | Calcium oxide                     | 1 - 5   | 1305-78-8     | Magnesium oxide                                      | 1 - 5  | 1309-48-4   | Crystalline silica: Quartz (SiO2) | 0.1 - 1 | 14808-60-7    |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Portland cement                                      | 90 - 100         | 65997-15-1   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Calcium oxide  | 1 - 5            | 1305-78-8  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Magnesium oxide                                      | 1 - 5            | 1309-48-4  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Crystalline silica: Quartz (SiO2)                    | 0.1 - 1          | 14808-60-7   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Bentonite  | Extender         | Commonly called gel, it is a clay material used as a cement extender and to control excessive free water.  | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>bentonite</td> <td>90 - 100</td> <td>1302-78-9</td> </tr> <tr> <td>Crystalline silica: Quartz (SiO2)</td> <td>5 - 10</td> <td>14808-60-7</td> </tr> </tbody> </table>   | Ingredient name | % | CAS number | bentonite                         | 90 - 100 | 1302-78-9     | Crystalline silica: Quartz (SiO2) | 5 - 10  | 14808-60-7    |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| bentonite  | 90 - 100         | 1302-78-9  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Crystalline silica: Quartz (SiO2)                    | 5 - 10           | 14808-60-7   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Calcium Chloride                                     | Accelerator      | A powdered, flaked or pelletized material used to decrease thickening time and increase the rate of strength development   | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Calcium chloride</td> <td>90 - 100</td> <td>10043-52-4</td> </tr> </tbody> </table>   | Ingredient name | % | CAS number | Calcium chloride                  | 90 - 100 | 10043-52-4    |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Calcium chloride                                     | 90 - 100         | 10043-52-4   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Cello Flake  | Lost Circulation | Graded (3/8 to 3/4 inch) cellophane flakes used as a lost circulation material.  | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>No hazardous ingredient</td> <td></td> <td></td> </tr> </tbody> </table>  | Ingredient name | % | CAS number | No hazardous ingredient           |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| No hazardous ingredient                              |                  |  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| FP-13L   | Foam Preventer   | FP-13L is a clear liquid organic phosphate antifoaming agent used in cementing operations. It is very effective minimizing air entrapment and preventing foaming tendencies of latex systems.                    | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Tributyl phosphate</td> <td>90 - 100</td> <td>126-73-8</td> </tr> </tbody> </table>   | Ingredient name | % | CAS number | Tributyl phosphate                | 90 - 100 | 126-73-8      |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Tributyl phosphate                                   | 90 - 100         | 126-73-8   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Granulated Sugar                                     | Retarder         | Used to retard cement returns at surface.  | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Sucrose</td> <td>90 - 100</td> <td>57-50-1</td> </tr> </tbody> </table>   | Ingredient name | % | CAS number | Sucrose                           | 90 - 100 | 57-50-1       |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Sucrose  | 90 - 100         | 57-50-1  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| EC-1   |                  | A proprietary product that provides expansive properties and improves bonding at low to moderate temperatures.   | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Calcium magnesium oxide</td> <td>90 - 100</td> <td>37247-91-9</td> </tr> </tbody> </table>  | Ingredient name | % | CAS number | Calcium magnesium oxide           | 90 - 100 | 37247-91-9    |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Calcium magnesium oxide                              | 90 - 100         | 37247-91-9   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| MPA-170  | Gas Migration    | Multi-purpose polymer additive used to control free fluid, fluid loss, rheology, and gas migration.  | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>No hazardous ingredient</td> <td></td> <td></td> </tr> </tbody> </table>  | Ingredient name | % | CAS number | No hazardous ingredient           |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| No hazardous ingredient                              |                  |  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Poz (Fly Ash)  | Base             | A synthetic pozzolan, (primarily Silicon Dioxide). When blended with cement, Pozzolan can be used to create lightweight cement slurries used as either a filler slurry or a sulfate resistant completion cement. | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Crystalline silica: Quartz (SiO2)</td> <td>5 - 10</td> <td>14808-60-7</td> </tr> <tr> <td>Calcium oxide</td> <td>1 - 5</td> <td>1305-78-8</td> </tr> </tbody> </table>  | Ingredient name | % | CAS number | Crystalline silica: Quartz (SiO2) | 5 - 10   | 14808-60-7    | Calcium oxide                     | 1 - 5   | 1305-78-8     |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Crystalline silica: Quartz (SiO2)                    | 5 - 10           | 14808-60-7   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Calcium oxide  | 1 - 5            | 1305-78-8  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| R-3  | Retarder         | A low temperature retarder used in a wide range of slurry formulations to extend the slurry thickening time.   | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>Organic acid salt</td> <td>40 - 50</td> <td>Trade secret.</td> </tr> </tbody> </table>  | Ingredient name | % | CAS number | Organic acid salt                 | 40 - 50  | Trade secret. |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Organic acid salt                                    | 40 - 50          | Trade secret.  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| S-5  | Surfactant       | Used to water wet casing and formation to facilitate cement bonding.   | <table border="1"> <thead> <tr> <th>Ingredient name</th> <th>%</th> <th>CAS number</th> </tr> </thead> <tbody> <tr> <td>2-Butoxyethanol</td> <td>20 - 30</td> <td>111-76-2</td> </tr> <tr> <td>Proprietary surfactant</td> <td>10 - 20</td> <td>Trade secret.</td> </tr> <tr> <td>D-Glucopyranose, oligomeric, C10-16-alkyl glycosides</td> <td>5 - 10</td> <td>110615-47-9</td> </tr> <tr> <td>Alkylarylsulfonate amine salt</td> <td>1 - 5</td> <td>Trade secret.</td> </tr> <tr> <td>Polyoxyalkylenes</td> <td>0.1 - 1</td> <td>Trade secret.</td> </tr> </tbody> </table> | Ingredient name | % | CAS number | 2-Butoxyethanol                   | 20 - 30  | 111-76-2      | Proprietary surfactant            | 10 - 20 | Trade secret. | D-Glucopyranose, oligomeric, C10-16-alkyl glycosides | 5 - 10 | 110615-47-9 | Alkylarylsulfonate amine salt     | 1 - 5   | Trade secret. | Polyoxyalkylenes | 0.1 - 1 | Trade secret. |
| Ingredient name                                      | %                | CAS number   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| 2-Butoxyethanol                                      | 20 - 30          | 111-76-2   |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Proprietary surfactant                               | 10 - 20          | Trade secret.  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| D-Glucopyranose, oligomeric, C10-16-alkyl glycosides | 5 - 10           | 110615-47-9  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Alkylarylsulfonate amine salt                        | 1 - 5            | Trade secret.  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |
| Polyoxyalkylenes                                     | 0.1 - 1          | Trade secret.  |   |                 |   |            |                                   |          |               |                                   |         |               |  |        |             |                                   |         |               |                  |         |               |

05/09/2025

\*\*\* Storage String \*\*\* CTS \*\*\*

15.4 ppg Lead - Yield 1.24 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)  
 B348 - 0.5% BWOB Fluid Loss / D013 - 0.75% BWOB Retarder / D47 - 0.02 gal / sack VBWOB Anti Foam / D202 - 0.15% BWOB  
 Dispersant / D095 1.5 lb per BBL CemNET\* - 60% Excess  
 15.9 ppg Tail - Yield 1.17 - D896 Surface Set 100 lb / sack (Mix of Class A and Gypsum to meet Dominion Requirements)  
 B160A - 0.15% BWOB Dispersant / B547 - 0.35% BWOB GasBLOK\* / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam /  
 D801 - 0.03 gal / sack Retarder - 0% Excess

1204 S-7H  
 Marcellus Shale Horizontal  
 Harrison County, WV



| Ground Elevation |                           | 1204 S-7H SHL           |                                |                                   |                        |  |   | 14220033.73N 1832037.17E  |  |      |      |                       |   |   |   |  |
|------------------|---------------------------|-------------------------|--------------------------------|-----------------------------------|------------------------|--|---|---|--|------|------|-----------------------|---|---|---|--|
| Azm              |                           | 1204 S-7H LP            |                                |                                   |                        |  |   | 14218582.09N 1829028.57E  |  |      |      |                       |   |   |   |  |
| WELLBORE DIAGRAM |                           | 1204 S-7H BHL           |                                |                                   |                        |  |   | 14208062.45N 1832830.7E   |  |      |      |                       |   |   |   |  |
| HOLE             | CASING                    | GEOLOGY                 | TOP                            | BASE                              | MUD                    | CEMENT   | CENTRALIZERS  | CONDITIONING  | COMMENTS   |      |      |                       |   |   |   |  |
| 30"              | 30" 157.5# LS             | Conductor               | 0                              | 120                               | AIR                    | N/A, Casing to be drilled in w/ Dual Rotary Rig  | N/A   | Ensure the hole is clean at TD.   | Conductor casing = 0.5" wall thickness                     |      |      |                       |   |   |   |  |
| 26"              | 20" 94# J-55              | Fresh Water             | 0                              | 60,90,135,496, 640,728            | AIR                    | 15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS  | Centralized every 3 joints to surface   | Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement.                   | Surface casing = 0.438" wall thickness Burst=2110 psi      |      |      |                       |   |   |   |  |
|                  |                           | Coals                   | 0                              | 272, 736, 1150                    |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Fresh Water Protection  | 0                              | 1200                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
| 17.5"            | 13-3/8" 68# J-55 BTC      | Little Lime             | 1228                           | 1244                              | AIR / KCL Salt Polymer | See above (LEFT) for Storage String Cement Blend to Meet DTI Requirements for Gas Storage Field Isolation  | Bow Spring on every joint<br><i>*will also be running ACP for isolating storage zone*</i> | Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement.     | Intermediate casing = 0.480" wall thickness Burst=3450 psi |      |      |                       |   |   |   |  |
|                  |                           | Big Lime                | 1273                           | 1327                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Injun / Gantz (Storage) | 1327 / 1658                    | 1451 / 1728                       |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Intermediate 1          | 0                              | 1855                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Fifty Foot / Thirty     | 1753 / 1868                    | 1843 / 1900                       |                        |  |   |   |  |      |      |                       |   |   |   |  |
| 12.25"           | 9-5/8" 40# N / L - 80 BTC | Gordon                  | 1907                           | 1995                              | AIR / KCL Salt Polymer | Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl zero% Excess. CTS | Bow Spring on first 2 joints then every third joint to 100' form surface                  | Once casing is at setting depth, Circulate and condition mud at TD. Circulate a minimum of one hole volume prior to pumping cement. | Intermediate casing = 0.395" wall thickness Burst=5750 psi |      |      |                       |   |   |   |  |
|                  |                           | 5th Sand                | 2194                           | 2214                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Bayard                  | 2287                           | 2309                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | U&L Speechley           | 2803                           | 2906                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Bradford                | 3482                           | 3556                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Benson                  | 4173                           | 4193                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Alexander               | 4500                           | 4670                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | Intermediate 2          | 0                              | TVD: 4900' MD: 4975' Inc: 23 deg. |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  |                           | 8.75"                   | 5-1/2" 23# P-110 HP TXP / W461 | Rhinestreet                       |                        |  |   |   |  | 5603 | 6420 | 11.5ppg-12.5ppg SOBMM | Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170<br>Tail: 14.8 ppg PNE-1 + 0.35% bwoc R3 + 0.75 gal/sk FP13L + 50% bwoc ASCA1 + 0.5% bwoc MPA170 20% Excess Lead Yield=1.19 Tail Yield=1.94 CTS | Run 1 spiral centralizer every 5 joints from the top of the curve to surface. | Once on bottom/TD with casing, circulate at max allowable pump rate for at least 2x bottoms up, or until returns and pump pressures indicate the hole is clean. Circulate a minimum of one hole volume prior to pumping cement. | Production casing = 0.5" wall thickness Burst=16240 psi<br>Note:Actual centralizer schedules may be changed due to hole conditions |
|                  |                           | 8.5" Curve              |                                | Cashaqua                          |                        |  |   |   |  | 6420 | 6653 |                       |   |   |   |  |
| 8.5" Lateral     | Middlesex                 | 6653                    |                                | 6748                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | West River                | 6748                    |                                | 6859                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | Burkett                   | 6859                    |                                | 6894                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | Tully Limestone           | 6894                    |                                | 6983                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | Hamilton                  | 6983                    |                                | 6753                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | Marcellus                 | 7049                    |                                | 7145                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | TMD / TVD (Production)    | 20400                   |                                | 7080                              |                        |  |   |   |  |      |      |                       |   |   |   |  |
|                  | Onondaga                  | 7145                    |                                |                                   |                        |  |   |   |  |      |      |                       |   |   |   |  |

LP @ 7080' TVD / 9209' MD

8.5" Hole - Cemented Long String  
 5-1/2" 23# P-110 HP TXP / W461

+/-11191' ft Lateral

TD @ +/-7080' TVD  
 +/-20400' MD

X=Centralizers

WV Department of Environmental Protection

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WW-9  
(4/16)

4703306101

API Number 47 - \_\_\_\_\_  
Operator's Well No. Scranage 1204 S-7H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name HG Energy II Appalachia, LLC OP Code 494501907  
Watershed (HUC 10) Lost Creek Quadrangle Mount Clare 7.5'

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

Will a pit be used? Yes  No

If so, please describe anticipated pit waste: NA

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 TBD - At next anticipated well)
- Off Site Disposal (Supply form WW-9 for disposal location)
- Other (Explain \_\_\_\_\_)

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Will closed loop system be used? If so, describe: Yes, cuttings and fluids will be collected in a closed loop system, re-used or hauled to an approved disposal site or landfill.

Drilling medium anticipated for this well (vertical and horizontal)? Air, freshwater, oil based, etc. Vertical - Air, Air/KCL, Air/SOBM, Horizontal - SOB

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

Additives to be used in drilling medium? Water, Soap, KCl, Barite, Base Oil, Wetting Agents

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

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

-Landfill or offsite name/permit number? See Attached

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 Diane White  
Company Official (Typed Name) Diane White  
Company Official Title Agent

Subscribed and sworn before me this 10th day of March, 2025

*[Signature]*

Notary Public

My commission expires 11/2/2026



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Form WW-9

HG Energy II Appalachia, LLC

Operator's Well No. Scrannage 1204 S-7H

Proposed Revegetation Treatment: Acres Disturbed 21.29 Prevegetation pH \_\_\_\_\_  
 Lime 3 Tons/acre or to correct to pH 6.5  
 Fertilizer type 10-20-20  
 Fertilizer amount 500 lbs/acre  
 Mulch Hay 2 Tons/acre

Seed Mixtures

| Temporary     |          | Permanent     |          |
|---------------|----------|---------------|----------|
| Seed Type     | lbs/acre | Seed Type     | lbs/acre |
| Tall Fescue   | 40       | Tall Fescue   | 40       |
| Ladino Clover | 5        | Ladino Clover | 5        |

Maintain E&S controls through the drilling and completion process

Attach:

Maps(s) of road, location, pit and proposed area for land application (unless engineered plans including this info have been provided). If water from the pit will be land applied, include dimensions (L x W x D) of the pit, and dimensions (L x W), and area in acreage, of the land application area.

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: K. J. Willett

Comments: Pre-seed mulch as soon as reasonably possible per regulation.  
Upgrade E&S if needed per WV DEP E&S manual.

Title: Oil & Gas Inspector Date: 3/13/25

Field Reviewed?  Yes  No

05/09/2025

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Environmental Protection

**HG Energy II Appalachia, LLC**

**Site Safety Plan**

Scranage 1204

474 Rices Run Road, Lost Creek  
Harrison County, WV 26385

December 2024: Version 1

For Submission to  
West Virginia Department of Environmental Protection,  
Office of Oil and Gas

HG Energy II Appalachia, LLC

5260 Dupont Road

Parkersburg, WV 26101

*R. J. Willett 3/13/25*

05/09/2025

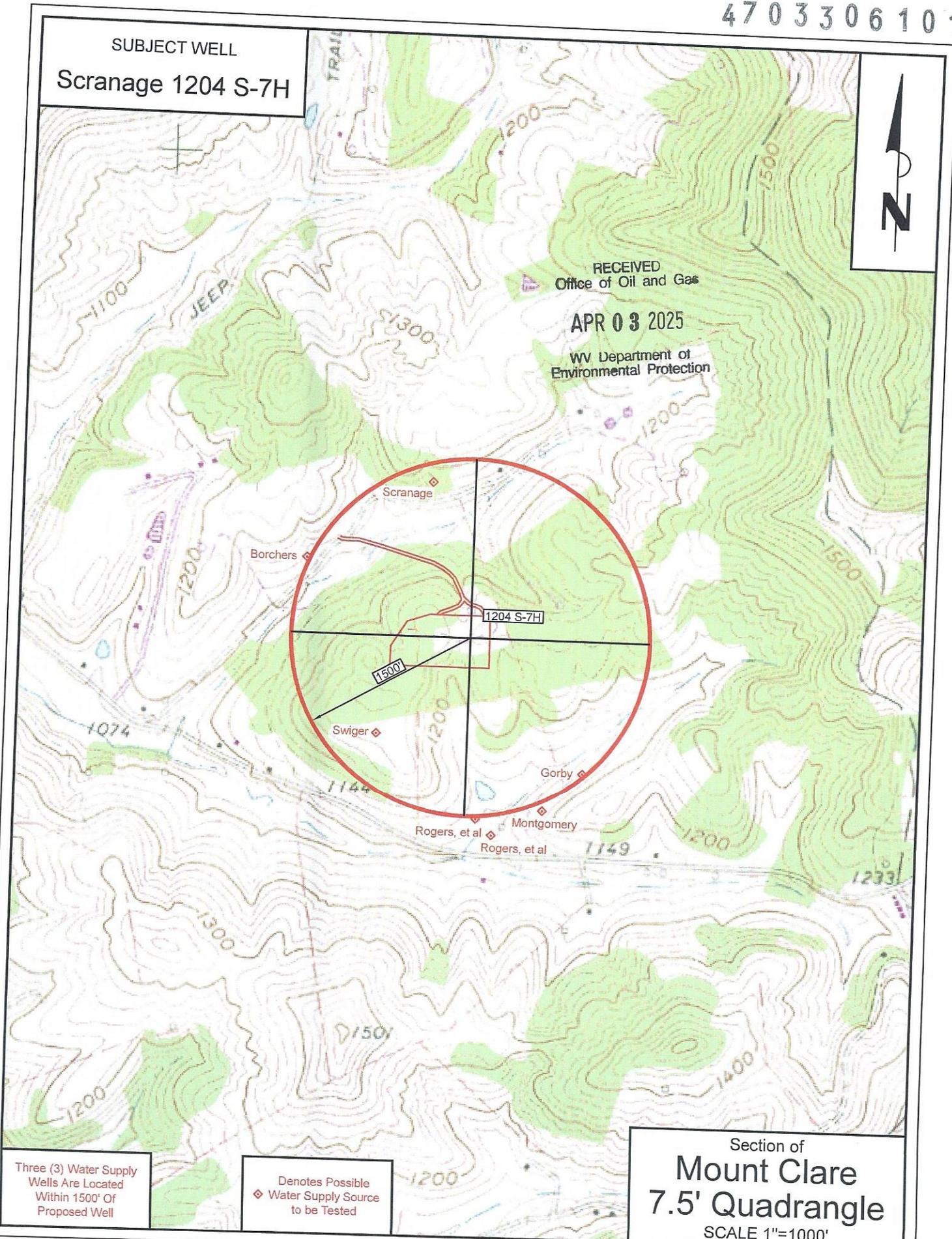
SUBJECT WELL  
Scranage 1204 S-7H



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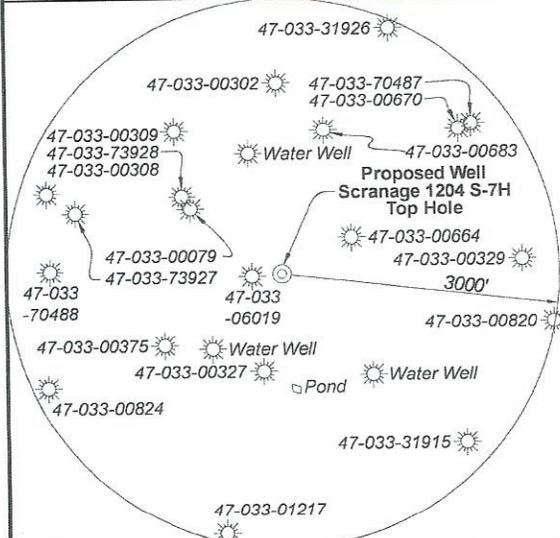
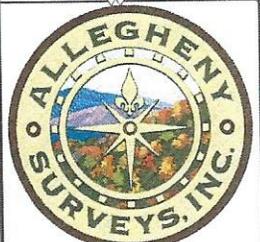
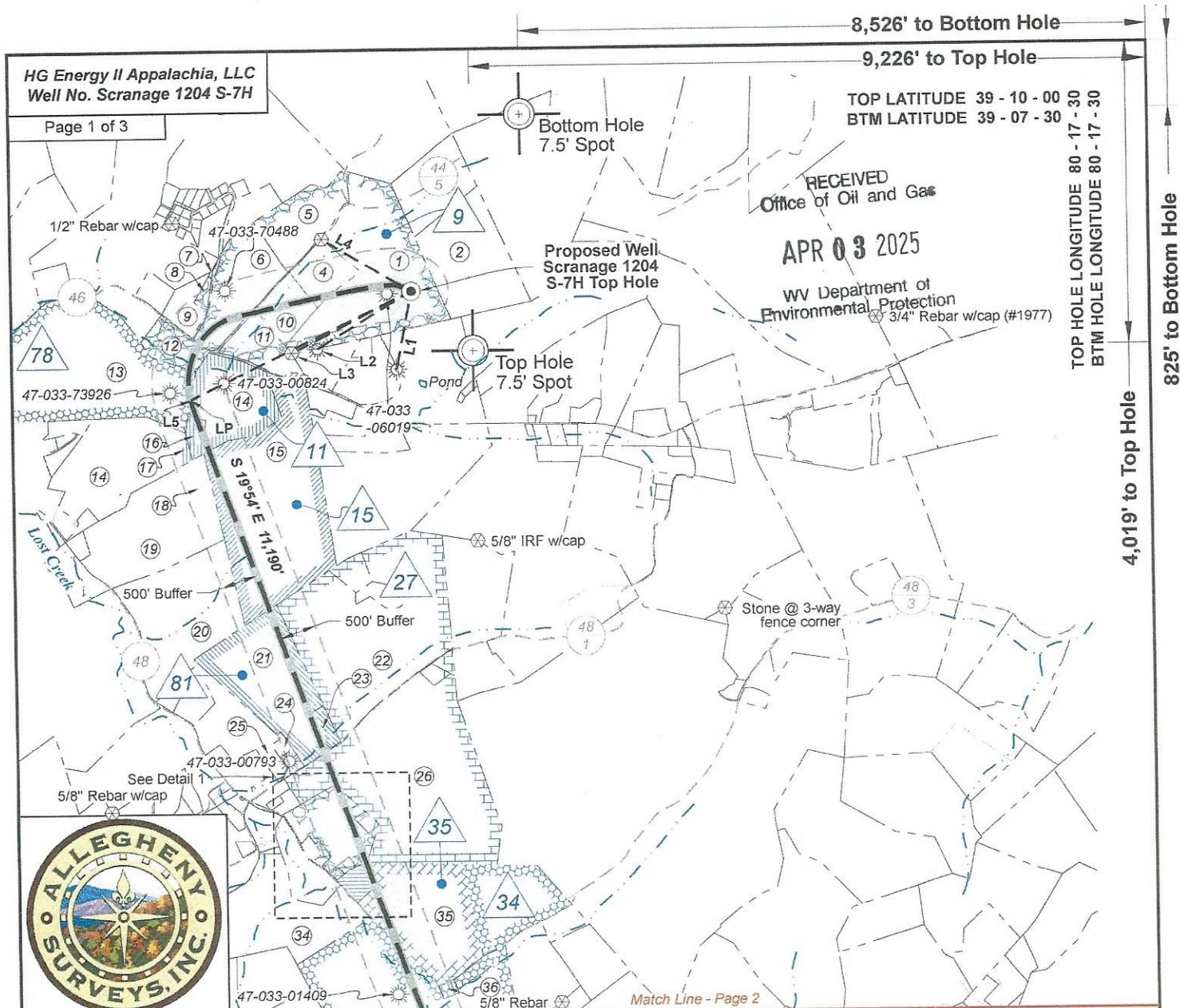
WV Department of  
Environmental Protection



Three (3) Water Supply  
Wells Are Located  
Within 1500' Of  
Proposed Well

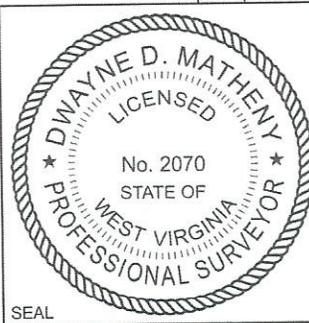
Denotes Possible  
Water Supply Source  
to be Tested

Section of  
Mount Clare  
7.5' Quadrangle  
SCALE 1"=1000'



Note: 3 water wells and 1 pond were found within 1500' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

| Tag | Bearing    | Dist.    | Monument          |
|-----|------------|----------|-------------------|
| L1  | N 11°09' E | 1,086.4' | 47-033-00327      |
| L2  | N 58°49' E | 1,499.9' | 47-033-00375      |
| L3  | N 63°01' E | 1,830.7' | 5/8" Rebar        |
| L4  | S 59°24' E | 1,402.0' | 5/8" Rebar w/ cap |
| L5  | S 64°15' W | 3,340.5' | Landing Point     |



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 rules issued and prescribed by the Department of Environmental Protection.

*Dwayne D. Matheny*  
Dwayne D. Matheny, P.S. 2070

FILE NO: 155-36-G-19  
DRAWING NO: Scranage 1204 S-7H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

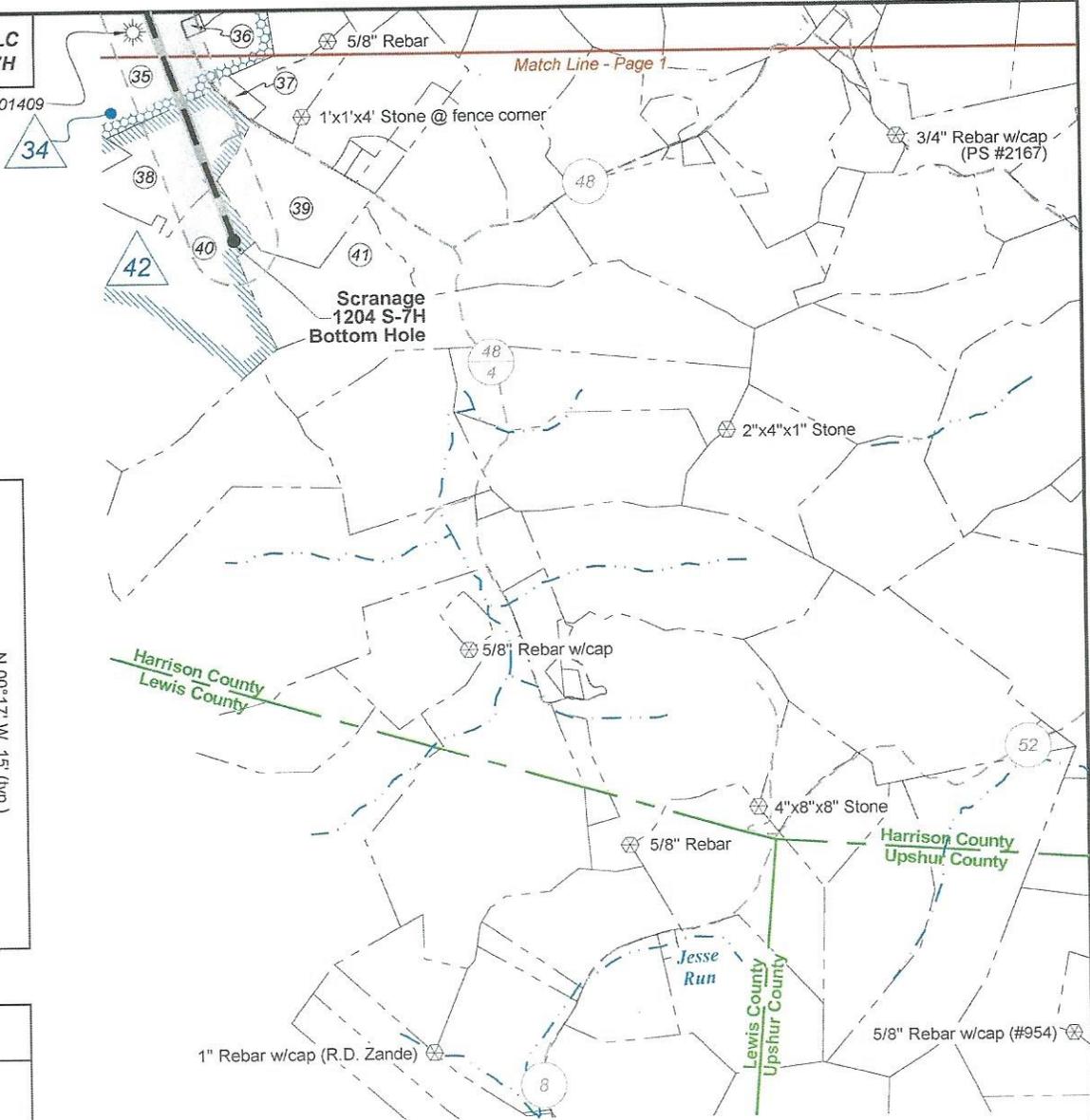
DATE: March 10 20 25  
OPERATOR'S WELL NO. Scranage 1204 S-7H  
API WELL NO  
47 - 033 - 06101  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1,247.6' WATERSHED: Lost Creek  
DISTRICT: Grant / Hackers Creek  
SURFACE OWNER: David K. Scranage  
ROYALTY OWNER: C.S. Gribble, et al LEASE NO: \_\_\_\_\_

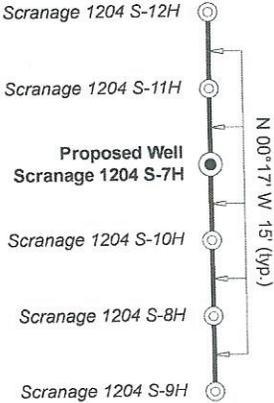
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD 20,400' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

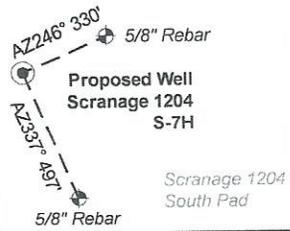


Match Line - Page 1

Wellhead Layout (NTS)



Well Location References  
Not to Scale



Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- County line (approx.)

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Environmental Protection

|  |   |  |
|--|---|--|
| West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  | UTM Zone 17, NAD 1983<br>Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.   |  |
| Notes: Well No. Scranage 1204 S-7H WVCS 1927, North Zone<br>Top Hole Coordinates<br>Lat: 39°09'20.26"<br>Lon: 80°19'27.15"<br>Landing Point Coordinates<br>Lat: 39°09'06.13"<br>Lon: 80°20'05.49"<br>Bottom Hole Coordinates<br>Lat: 39°07'21.84"<br>Lon: 80°19'18.22" | Notes: Well No. Scranage 1204 S-7H UTM NAD 1983 (USSF)<br>Top Hole Coordinates<br>N: 14,220,033.73'<br>E: 1,832,037.17'<br>Landing Point Coordinates<br>N: 14,218,582.09'<br>E: 1,829,028.57'<br>Bottom Hole Coordinates<br>N: 14,208,062.45'<br>E: 1,832,830.70' | Notes: Well No. Scranage 1204 S-7H UTM NAD 1983 (Meters)<br>Top Hole Coordinates<br>N: 4,334,274.949m<br>E: 558,406.046m<br>Landing Point Coordinates<br>N: 4,333,832.489m<br>E: 557,489.023m<br>Bottom Hole Coordinates<br>N: 4,330,626.096m<br>E: 558,647.915m |

FILE NO: 155-36-G-19  
DRAWING NO: Scranage 1204 S-7H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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

DATE: March 10 2025  
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API WELL NO  
47 - 033 - 06101  
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

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DISTRICT: Grant / Hackers Creek

SURFACE OWNER: David K. Scranage

ROYALTY OWNER: C.S. Gribble, et al

PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD 20,400' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

QUADRANGLE: Top: Mount Clare  
Btm: Berlin  
COUNTY: Harrison / Lewis

ACREAGE: 56.48  
ACREAGE: 140

05/09/2025

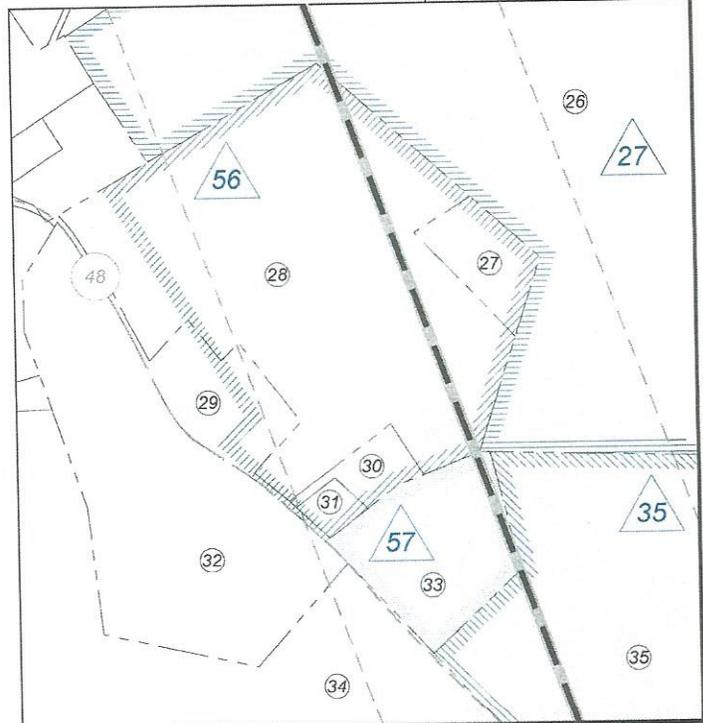


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WV Department of  
Environmental Protection

| ID | Lease                         |
|----|-------------------------------|
| 9  | C.S. Gribble                  |
| 11 | L.B. & Sarah W. Davis         |
| 15 | L.H. Young                    |
| 27 | A.D. Cookman                  |
| 34 | Benjamin Stout, et ux         |
| 35 | Edison O. Law, et ux, et al   |
| 42 | W. Haymond & Rachel E. Dawson |
| 56 | A.S. & Anna E. Holbert        |
| 57 | A.W. Randolph, et al          |
| 78 | Milton S. & Mary I. Davis     |
| 81 | Mayme E. Davis, et al         |

| Harrison County |            |   |             |        |
|-----------------|------------|---|-------------|--------|
| No.             | TM / Par   | Owner                                       | Bk / Pg     | Ac.    |
| 1               | 447 / 9    | David K. Scranage                           | 1259 / 986  | 56.48  |
| 2               | 427 / 37   | John R. & Francis K. Alsbrooks              | 1604 / 1046 | 30.00  |
| 3               | 447 / 13   | Sonja R. & James W. Rogers                  | 1410 / 858  | 35.12  |
| 4               | 447 / 9.5  | Albert M. Taylor                            | 1399 / 309  | 10.00  |
| 5               | 427 / 47   | Jason L. Borchers Special Needs Trust       | 1558 / 1171 | 18.93  |
| 6               | 427 / 46   | John E. Jefferson                           | 1629 / 1219 | 23.93  |
| 7               | 427A / 82  | James & Antoinette Kelley                   | 1394 / 48   | 0.98   |
| 8               | 427A / 81  | Larry E. McClain                            | 1024 / 151  | 1.22   |
| 9               | 447 / 7    | Lonnie J. & Connie S. Ward                  | 1513 / 1089 | 6.42   |
| 10              | 447 / 9.4  | Anthony Gilberti                            | 1408 / 46   | 10.00  |
| 11              | 447 / 10   | Martin & Patricia A. Broderick              | 1651 / 1234 | 9.67   |
| 12              | 447 / 9.2  | Tori & Brenton Wyne                         | 1734 / 1188 | 8.03   |
| 13              | 447 / 6    | Thomas E. & Terri E. Hawkins                | 1558 / 1255 | 64.33  |
| 14              | 447 / 27   | Alan M. Randolph, et al                     | W143 / 212  | 63.11  |
| 15              | 447 / 29   | Alan M. Randolph, et al                     | W143 / 212  | 82.32  |
| 16              | 447 / 27.1 | Lucas N. Randolph                           | 1626 / 1129 | 2.89   |
| 17              | 447 / 27.2 | Lucas N. Randolph                           | 1669 / 970  | 2.11   |
| 18              | 447 / 28.1 | Alan M. Randolph, et al                     | 1746 / 804  | 5.58   |
| 19              | 447 / 28   | Alan M. Randolph, et al                     | W143 / 212  | 40.22  |
| 20              | 447 / 36.1 | Thomas A. & Debra J. Bedell                 | 1721 / 1198 | 65.58  |
| 21              | 447 / 37.2 | Carol S. Bennett                            | 991 / 227   | 40.71  |
| 22              | 447 / 38   | Steven & Melissa Rogers                     | 1562 / 1092 | 79.79  |
| 23              | 447 / 37.3 | Carol S. & Peggy S. Bennett                 | 1405 / 407  | 2.89   |
| 24              | 447 / 37.1 | Denver F. Cogar, III                        | 1518 / 972  | 1.00   |
| 25              | 447 / 53   | Mark A. Duty                                | 1389 / 571  | 4.71   |
| 26              | 447 / 58   | Cole S. & Kevin L. Williams                 | 1599 / 536  | 103.88 |
| 27              | 467 / 23.3 | Frank E. & Loreen S. Donaldson              | 1734 / 1330 | 1.40   |
| 28              | 467 / 23   | Joseph M. & Stephanie Richards              | 1734 / 334  | 14.50  |
| 29              | 467 / 22   | Robert E. Randolph                          | 1403 / 1143 | 2.08   |
| 30              | 467 / 23.2 | Gary M. Turner, II, et al                   | 1680 / 1053 | 0.75   |
| 31              | 467 / 23.1 | Joseph C. Michael                           | 1713 / 823  | 0.36   |
| 32              | 467 / 21   | Steven G. & Julia A. Randolph               | 1321 / 1151 | 10.30  |
| 33              | 467 / 25   | Trustees Harrison Circuit Church - Rockford | 435 / 484   | 10.30  |
| 34              | 467 / 20   | Steven G. & Julia A. Randolph               | 1321 / 1151 | 54.64  |
| 35              | 467 / 26   | Joshua Messenger                            | 1712 / 657  | 146.75 |
| 36              | 467 / 43   | Penny & Jeremy Ables                        | 1596 / 385  | 1.00   |
| 37              | 467 / 42   | Chad A. & Nichole A. Rector                 | 1560 / 1242 | 2.86   |
| 38              | 467 / 40   | Edward G. Dawson                            | W137 / 528  | 39.75  |
| 39              | 467 / 47   | Frank E. Lewis, II                          | 1320 / 176  | 82.98  |
| 40              | 467 / 53   | George W. & Dorothy K. Dawson               | 1418 / 331  | 158.55 |
| 41              | 467 / 55   | Nelson R. Blake                             | W101 / 58   | 38.50  |

Detail 1 (Scale 1"=500')



FILE NO: 155-36-G-19  
DRAWING NO: Scranage 1204 S-7H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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

DATE: March 10 20 25  
OPERATOR'S WELL NO. Scranage 1204 S-7H  
API WELL NO  
47 - 033 - 06161  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1,247.6' WATERSHED: Lost Creek

QUADRANGLE: Top: Mount Clare  
Btm: Berlin  
COUNTY: Harrison / Lewis

DISTRICT: Grant / Hackers Creek  
SURFACE OWNER: David K. Scranage

ACREAGE: 56.48  
05/09/2025  
ACREAGE: 140

ROYALTY OWNER: C.S. Gribble, et al LEASE NO:  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,400' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

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

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

- (1) the tract of land is the same tract described in this Application, partly or wholly depicted in the accompanying plat, and described in the Construction and Reclamation Plan;
- (2) the parties and recordation data (if recorded) for lease(s) or other continuing contract(s) by which the Applicant claims the right to extract, produce or market the oil or gas are as follows:

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

**\*\*See Attached Sheets\*\***

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**APR 03 2025**  
WV Department of  
Environmental Protection

**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: HG Energy II Appalachia, LLC  
 By: Diane White *Diane White*  
 Its: Agent

**HG Energy II Appalachia, LLC  
Scranage 1204 S-7H Lease Chain**

| 1204S-7H                                  | LEGACY LEASE NUMBER                        | TAX MAP   | LEASE NUMBER | GRANTOR/LESSOR                            | GRANTEE/LESSEE                             | ROYALTY   | DEED BOOK  | PAGE                                  |                                     |                   |     |     |
|---|--|---|--------------|---|--|---|------------|---------------------------------------|-------------------------------------|-------------------|-----|-----|
| 9   | LC008505                                   | 12-0447-0009-0000<br>12-0447-0009-0001<br>12-0447-0009-0002<br>12-0447-0009-0004<br>12-0447-0009-0005<br>12-0447-0046-0000<br>12-0447-0047-0000 | Q100925000   | C. S. GRIBBLE                             | SOUTH PENN OIL COMPANY                     | NOT LESS THAN 1/8                                   | 121        | 152                                   |                                     |                   |     |     |
|   |  |   |              | SOUTH PENN OIL COMPANY                    | HOPE NATURAL GAS COMPANY                   | ASSIGNMENT  | 204        | 402                                   |                                     |                   |     |     |
|   |  |   |              | HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903        | 179                                   |                                     |                   |     |     |
|   |  |   |              | CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136       | 250                                   |                                     |                   |     |     |
|   |  |   |              | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51         | 795                                   |                                     |                   |     |     |
|   |  |   |              | CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58         | 362                                   |                                     |                   |     |     |
|   |  |   |              | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522       | 33                                    |                                     |                   |     |     |
|   |  |   |              | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543       | 1235                                  |                                     |                   |     |     |
|   |  |   |              | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576       | 125                                   |                                     |                   |     |     |
|   |  |   |              | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584       | 942                                   |                                     |                   |     |     |
|   |  |   |              | NOBLE ENERGY, INC.                        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600       | 692                                   |                                     |                   |     |     |
|   |  |   |              | DOMINION TRANSMISSION, INC.               | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS      |                                       |                                     |                   |     |     |
|   |  |   |              | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601       | 581                                   |                                     |                   |     |     |
|   |  |   |              | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621       | 1295                                  |                                     |                   |     |     |
|   |  |   |              | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637       | 1081                                  |                                     |                   |     |     |
|   |  |   |              | 11  | LC004616                                   | p/o 12-0447-0027-0000                               | Q100322000 | L. B. DAVIS AND SARAH DAVIS, HIS WIFE | HOPE NATURAL GAS COMPANY            | NOT LESS THAN 1/8 | 143 | 577 |
|   |  |   |              |   |  |   |            | HOPE NATURAL GAS COMPANY              | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 903 | 179 |
| CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136         |   |  |   |            | 250                                   |                                     |                   |     |     |
| CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE  | 51           |   |  |   |            | 795                                   |                                     |                   |     |     |
| CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE  | 58           |   |  |   |            | 362                                   |                                     |                   |     |     |
| DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT  | 1522         |   |  |   |            | 33                                    |                                     |                   |     |     |
| CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)  | 1543         |   |  |   |            | 1235                                  |                                     |                   |     |     |
| DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)  | 1576         |   |  |   |            | 125                                   |                                     |                   |     |     |
| CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584         |   |  |   |            | 942                                   |                                     |                   |     |     |
| NOBLE ENERGY, INC.                        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600         |   |  |   |            | 692                                   |                                     |                   |     |     |
| DOMINION TRANSMISSION, INC.               | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE  | WVSOS        |   |  |   |            |                                       |                                     |                   |     |     |
| DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT   | 1601         |   |  |   |            | 581                                   |                                     |                   |     |     |
| DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621         |   |  |   |            | 1295                                  |                                     |                   |     |     |
| DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)  | 1637         |   |  |   |            | 1081                                  |                                     |                   |     |     |
|   |  | 12-0447-0006-0000<br>13-0447-0006-0001<br>13-2105-0056-0000<br>13-2105-0057-0000<br>13-2105-0058-0000<br>13-2105-0060-0000                      |              |   |  |   |            | MILTON S. DAVIS AND MARY I. DAVIS     | OLANDUS WEST                        | NOT LESS THAN 1/8 | 156 | 75  |
|   |  |   |              |   |  |   |            | OLANDUS WEST                          | JNO. J. P. O'BRIEN                  | ASSIGNMENT        | 155 | 409 |
|   |  |   |              |   |  |   |            | JNO. J. P. O'BRIEN                    | GRASSELLI CHEMICAL COMPANY          | ASSIGNMENT        | 158 | 490 |
|   |  |   |              | GRASSELLI CHEMICAL COMPANY                | HOPE NATURAL GAS COMPANY                   | ASSIGNMENT  | 381        | 163                                   |                                     |                   |     |     |
|   |  |   |              | HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903        | 179                                   |                                     |                   |     |     |
|   |  |   |              | CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136       | 250                                   |                                     |                   |     |     |

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| 78 | LC043728 | 13-2105-0000-0000         | Q100789000 | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51    | 795  |
|    |          | 13-2105-0061-0000         |            | CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58    | 362  |
|    |          | 13-2105-0063-0000         |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522  | 33   |
|    |          | 13-2105-0064-0000         |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524  | 491  |
|    |          | 13-2105-0065-0000         |            | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543  | 1235 |
|    |          | 13-2105-0067-0000         |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|    |          | 13-2105-0069-0000         |            | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|    |          | 13-2105-0071-0000         |            | NOBLE ENERGY, INC.                        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|    |          | 13-2105-0073-0000         |            | DOMINION TRANSMISSION, INC.               | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|    |          | 13-2105-0118-0000<br>THRU |            | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|    |          | 13-2105-0122-0000         |            | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|    |          | p/o 12-0427-0028-0000     |            | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
|    |          |                           |            | L. H. YOUNG, WIDOWER                      | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 776   | 265  |
|    |          |                           |            | HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903   | 179  |

|    |          |                   |                        |   |  |   |       |      |
|----|----------|-------------------|------------------------|---|--|---|-------|------|
| 15 | LC066657 | 12-0447-0029-0000 | Q100961000<br>LC098171 | CONSOLIDATED GAS TRANSMISSION CORPORATION   | CNG TRANSMISSION CORPORATION               | ASSIGNMENT  | 51    | 795  |
|    |          |                   |                        | CONSOLIDATED GAS TRANSMISSION CORPORATION   | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58    | 362  |
|    |          |                   |                        | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522  | 33   |
|    |          |                   |                        | DOMINION ENERGY TRANSMISSION, INC.  | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524  | 491  |
|    |          |                   |                        | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543  | 1235 |
|    |          |                   |                        | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|    |          |                   |                        | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|    |          |                   |                        | NOBLE ENERGY, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|    |          |                   |                        | DOMINION TRANSMISSION, INC.   | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|    |          |                   |                        | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|    |          |                   |                        | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|    |          |                   |                        | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
|    |          |                   |                        | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | MINERAL DEED  | 1627  | 1254 |
|    |          |                   |                        | MAYME E. DAVIS, WIDOW; HELEN C. FREESE AND MERRILL R. FREESE, HER HUSBAND; MARY LEE ROBINSON AND EDGAR L. ROBINSON, HER HUSBAND; BERNICE S. PAYNE AND E. A. PAYNE, HER HUSBAND; J. BEN STOUT AND EDNA STOUT, HIS WIFE; J. FRED ROBINSON AND JUANITA ROBINSON, HIS WIFE; AND DOROTHY R. SCHAFFER AND AUGUST SCHAFFER, JR., HER HUSBAND | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 779   | 33   |

|    |          |                       |            |   |   |  |      |      |
|----|----------|-----------------------|------------|---|---|--|------|------|
| 81 | LC066737 | 12-0447-0037-0002     | Q101100000 | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION              | ASSIGNMENT   | 1136 | 250  |
|    |          | 12-0447-0037-0003     |            | CONSOLIDATED GAS TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC.               | MERGER/NAME CHANGE                                 | 58   | 362  |
|    |          | p/o 12-0447-0037-0001 |            | CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.               | MEMORANDUM FARMOUT AGREEMENT                       | 1522 | 33   |
|    |          | p/o 12-0447-0053-0000 |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                       | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1524 | 491  |
|    |          |                       |            | DOMINION ENERGY TRANSMISSION, INC.        | CNX GAS COMPANY LLC                       | LIMITED PARTIAL ASSIGNMENT (50%)                   | 1543 | 1235 |
|    |          |                       |            | CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION | CONFIRMATORY DEED                                  | 903  | 179  |
|    |          |                       |            | HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION       | CONFIRMATORY DEED                                  | 903  | 179  |
|    |          |                       |            | HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION       | CONFIRMATORY DEED                                  | 903  | 179  |
|    |          |                       |            | CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION | CONFIRMATORY DEED                                  | 903  | 179  |
|    |          |                       |            | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION              | ASSIGNMENT   | 1136 | 250  |

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|--|--|--|--|---|--|---|-------|------|
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|  |  |  |  | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|  |  |  |  | NOBLE ENERGY, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
|  |  |  |  | A. D. COOKMAN   | SOUTH PENN OIL COMPANY                     | NOT LESS THAN 1/8                                   | 121   | 13   |
|  |  |  |  | SOUTH PENN OIL COMPANY  | HOPE NATURAL GAS COMPANY                   | ASSIGNMENT  | 204   | 402  |
|  |  |  |  | HOPE NATURAL GAS COMPANY  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903   | 179  |
|  |  |  |  | CONSOLIDATED GAS SUPPLY CORPORATION   | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136  | 250  |
|  |  |  |  | CONSOLIDATED GAS TRANSMISSION CORPORATION   | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51    | 795  |
|  |  |  |  | CNG TRANSMISSION CORPORATION  | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58    | 362  |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC                        | MEMORANDUM OF FARMOUT AGREEMENT                     | 1522  | 33   |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524  | 491  |
|  |  |  |  | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543  | 1235 |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|  |  |  |  | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|  |  |  |  | NOBLE ENERGY, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
|  |  |  |  | A. S. HOLBERT AND ANNA E. HOLBERT, HIS WIFE   | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 193   | 268  |
|  |  |  |  | HOPE NATURAL GAS COMPANY  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903   | 179  |
|  |  |  |  | CONSOLIDATED GAS SUPPLY CORPORATION   | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136  | 250  |
|  |  |  |  | CONSOLIDATED GAS TRANSMISSION CORPORATION   | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51    | 795  |
|  |  |  |  | CNG TRANSMISSION CORPORATION  | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58    | 362  |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522  | 33   |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524  | 491  |
|  |  |  |  | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543  | 1235 |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|  |  |  |  | CNX GAS COMPANY LLC   | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|  |  |  |  | NOBLE ENERGY, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|  |  |  |  | DOMINION TRANSMISSION, INC.   | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|  |  |  |  | DOMINION ENERGY TRANSMISSION, INC.  | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
|  |  |  |  | A. W. RANDOLPH, R. BERNARD TALBOTT, EDISON LAW JR., J. BURGETT ALLMAN, PAUL E. RANDOLPH, TRUSTEES OF THE ROCKFORD UNITED METHODIST CHURCH | CONSOLIDATED GAS SUPPLY CORPORATION        | NOT LESS THAN 1/8                                   | 1092  | 935  |

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|   |  |   |            |   |  |   |            |  |
|---|--|---|------------|---|--|---|------------|--|
| 57  | LC090189                                   | 12-0467-0025-0000                                   | Q100250000 | CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136       | 250  |
|   |  |   |            | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51         | 795  |
|   |  |   |            | CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58         | 362  |
|   |  |   |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | MEMORANDUM OF FARMOUT AGREEMENT                     | 1522       | 33   |
|   |  |   |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524       | 491  |
|   |  |   |            | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543       | 1235   |
|   |  |   |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576       | 125  |
|   |  |   |            | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584       | 942  |
|   |  |   |            | NOBLE ENERGY, INC.                        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600       | 692  |
|   |  |   |            | DOMINION TRANSMISSION, INC.               | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS      |  |
|   |  |   |            | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601       | 581  |
|   |  |   |            | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621       | 1295   |
|   |  |   |            | DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637       | 1081   |
|   |  |   |            | 35  | LC066677                                   | p/o 12-0468-0010-0000<br>12-0467-0045-0000          | Q100833000 | EDISON O. LAW & BETSEY LAW, EACH IN THEIR OWN RIGHT AND AS HUSBAND AND WIFE; STELLA PRINCE AND RUDOLPH PRINCE, HER HUSBAND; D. B. TALBOTT & BERNICE C. TALBOTT, HIS WIFE; RUTH TALBOTT HAMSTEAD & DAVID S. HAMSTEAD, HER HUSBAND; FRANCES TALBOTT GRIMM & WILSON O. GRIMM, M. D., HER HUSBAND; WILLIAM E. TALBOTT, SINGLE; TRUMAN E. GORE & EILEEN W. GORE, HIS WIFE |
| HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903        |   |  |   |            | 179  |
| CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136       |   |  |   |            | 250  |
| CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51         |   |  |   |            | 795  |
| CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58         |   |  |   |            | 362  |
| DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522       |   |  |   |            | 33   |
| DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524       |   |  |   |            | 491  |
| CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543       |   |  |   |            | 1235   |
| DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576       |   |  |   |            | 125  |
| CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584       |   |  |   |            | 942  |
| NOBLE ENERGY, INC.                        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600       |   |  |   |            | 692  |
| DOMINION TRANSMISSION, INC.               | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS      |   |  |   |            |  |
| DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601       |   |  |   |            | 581  |
| DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621       |   |  |   |            | 1295   |
| DOMINION ENERGY TRANSMISSION, INC.        | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637       | 1081                                      |  |   |            |  |
| 34  | LC015637                                   | 12-0467-0043-0000                                   | Q100547000 | BENJAMIN STOUT AND M. E. STOUT, HIS WIFE  | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 184        | 77   |
|   |  |   |            | HOPE NATURAL GAS COMPANY                  | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903        | 179  |
|   |  |   |            | CONSOLIDATED GAS SUPPLY CORPORATION       | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136       | 250  |
|   |  |   |            | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51         | 795  |
|   |  |   |            | CNG TRANSMISSION CORPORATION              | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58         | 362  |
|   |  |   |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522       | 33   |
|   |  |   |            | DOMINION TRANSMISSION, INC.               | CNX GAS COMPANY LLC                        | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524       | 491  |
|   |  |   |            | CNX GAS COMPANY LLC                       | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543       | 1235   |
|   |  |   |            |   |  |   |            |  |
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|----|----------|--|------------|--|--|---|-------|------|
|    |          | p/o 12-0467-0026-0000                      | Q10082800  | DOMINION TRANSMISSION, INC.                              | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|    |          |  |            | CNX GAS COMPANY LLC                                      | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|    |          |  |            | NOBLE ENERGY, INC.                                       | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|    |          |  |            | DOMINION TRANSMISSION, INC.                              | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
|    |          |  |            | W. HAYMOND DAWSON AND RACHEL E. DAWSON, HUSBAND AND WIFE | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 776   | 213  |
|    |          |  |            | HOPE NATURAL GAS COMPANY                                 | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903   | 179  |
|    |          |  |            | CONSOLIDATED GAS SUPPLY CORPORATION                      | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT  | 1136  | 250  |
|    |          |  |            | CONSOLIDATED GAS TRANSMISSION CORPORATION                | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  | 51    | 795  |
|    |          |  |            | CNG TRANSMISSION CORPORATION                             | DOMINION TRANSMISSION, INC.                | MERGER/NAME CHANGE                                  | 58    | 362  |
|    |          |  |            | DOMINION TRANSMISSION, INC.                              | CNX GAS COMPANY LLC                        | MEMORANDUM FARMOUT AGREEMENT                        | 1522  | 33   |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1524  | 491  |
|    |          |  |            | CNX GAS COMPANY LLC                                      | NOBLE ENERGY, INC.                         | LIMITED PARTIAL ASSIGNMENT (50%)                    | 1543  | 1235 |
|    |          |  |            | DOMINION TRANSMISSION, INC.                              | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%)                            | 1576  | 125  |
|    |          |  |            | CNX GAS COMPANY LLC                                      | NOBLE ENERGY, INC.                         | ASSIGNMENT  | 1584  | 942  |
|    |          |  |            | NOBLE ENERGY, INC.                                       | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT  | 1600  | 692  |
|    |          |  |            | DOMINION TRANSMISSION, INC.                              | DOMINION ENERGY TRANSMISSION, INC.         | MERGER/NAME CHANGE                                  | WVSOS |      |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1601  | 581  |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT  | 1621  | 1295 |
|    |          |  |            | DOMINION ENERGY TRANSMISSION, INC.                       | HG ENERGY II APPALACHIA, LLC               | ASSIGNMENT (68%)                                    | 1637  | 1081 |
| 42 | LC066643 | 12-0467-0040-0000<br>p/o 12-0467-0053-0000 | Q100828000 |  |  |   |       |      |

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**HG Energy, LLC**  
5260 Dupont Road  
Parkersburg, WV 26101  
(304) 420-1100 - Office  
(304) 863-3172 - Fax

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March 5, 2025

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Cragin Blevins  
WV DEP  
Division of Oil & Gas  
601 57<sup>th</sup> Street  
Charleston, WV 25304

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WV Department of  
Environmental Protection

RE: Drilling Under Roads – Scranage 1204 S-7H  
Grant District, Harrison County  
West Virginia

Dear Mr. Blevins -

HG Energy II Appalachia, LLC, is submitting the attached application for a new well work permit for the Scranage 1204 well pad. As an authorized representative, I certify HG Energy II Appalachia, LLC, has the right to drill, stimulate, extract, produce and market the oil, gas or condensate for all leases through which the Scranage 1204 laterals will drill through including all roads crossed under as identified on the attached survey plat.

Should you have any questions or desire further information, please contact me at [dwhite@hgenergyllc.com](mailto:dwhite@hgenergyllc.com) or 304-420-1119.

Very truly yours,

*Diane White*

Diane C. White

Enclosures

05/09/2025

### Horizontal Natural Gas Well Work Permit Application Notice By Publication

**Notice is hereby given:**

Pursuant to West Virginia Code 22-6A-10(e) prior to filing an application for a permit for a horizontal well the applicant shall publish in the county in which the well is located or is proposed to be located a Class II legal advertisement.

**Paper:** The Exponent Telegram Newspaper

**Public Notice Date:** Wednesday, March 5th & Wednesday, March 12th, 2025

The following applicant intends to apply for a horizontal natural well work permit which disturbs three acres or more of surface excluding pipelines, gathering lines and roads or utilizes more than two hundred ten thousand gallons of water in any thirty day period.

**Applicant:** HG Energy II Appalachia, LLC **Well Number:** Scrantage 1204 S-7H

**Address:** 5260 Dupont Road  
Parkersburg, WV 26101

**Business Conducted:** Natural gas production.

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**Location –**

State: West Virginia County: Harrison  
District: Grant Quadrangle: Mt Clare 7.5'  
UTM Coordinate NAD83 Northing: 4334275.0  
UTM coordinate NAD83 Easting: 558406.1  
Watershed: Lost Creek

**Coordinate Conversion:**

To convert the coordinates above into longitude and latitude, visit: [http://tagis.dep.wv.gov/convert/llutm\\_conus.php](http://tagis.dep.wv.gov/convert/llutm_conus.php)

**Electronic notification:**

To receive an email when applications have been received or issued by the Office of Oil and Gas, visit <http://www.dep.wv.gov/insidedep/Pages/DEPMailingLists.aspx> to sign up.

**Reviewing Applications:**

Copies of the proposed permit application may be reviewed at the WV Department of Environmental Protection headquarters, located at 601 57<sup>th</sup> Street, SE Charleston, WV 25304 (304-926-0450). Full copies or scans of the proposed permit application will cost \$15, whether mailed or obtained at DEP headquarters. Copies may be requested by calling the office or by sending an email to [DEP.comments@wv.gov](mailto:DEP.comments@wv.gov).

**Submitting Comments:**

Comments may be submitted online at <https://apps.dep.wv.gov/oog/comments/comments.cfm>, or by letter to Permit Review, Office of Oil and Gas, 601 57<sup>th</sup> Street, SE Charleston, WV 25304. Please reference the county, well number, and operator when using this option.

Regardless of format for comment submissions, they must be received no later than thirty days after the permit application is received by the Office of Oil and Gas.

For information related to horizontal drilling visit: [www.dep.wv.gov/oil-and-gas/pages/default.aspx](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx)

05/09/2025

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

Date of Notice Certification: 03/10/2025

API No. 47- \_\_\_\_\_

Operator's Well No. Scranage 1204 S-7H

Well Pad Name: Scranage Well Pad

**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  
County: Harrison  
District: Grant  
Quadrangle: Mount Clare  
Watershed: Lost Creek

UTM NAD 83 Easting: 558406.1  
Northing: 4334275.0  
Public Road Access: Rices Run Road  
Generally used farm name: Scranage

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

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- RECEIVED
- RECEIVED/ NOT REQUIRED
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- RECEIVED
- RECEIVED

**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.

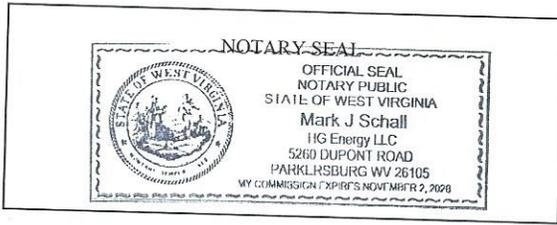
05/09/2025

**Certification of Notice is hereby given:**

THEREFORE, I Diane White, 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: HG II Appalachia, LLC  
By: Diane White  
Its: Agent  
Telephone: 304-420-1119

Address: 5260 Dupont Road  
Parkersburg, WV 26101  
Facsimile: 304-863-3172  
Email: dwhite@hgenergyllc.com



Subscribed and sworn before me this 10th day of March, 2025.  
[Signature] Notary Public  
My Commission Expires 11/2/2026

**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 [deprivacyofficer@wv.gov](mailto:deprivacyofficer@wv.gov).

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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:** 1/11/2023 **Date Permit Application Filed:** 1/19/2023

**Notice of:**

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

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Environmental Protection

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

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

Pursuant to W. Va. Code § 22-6A-10(b) no later than the filing date of the application, the applicant for a permit for any well work or for a certificate of approval for the construction of an impoundment or pit as required by this article shall deliver, by personal service or by registered mail or by any method of delivery that requires a receipt or signature confirmation, copies of the application, the erosion and sediment control plan required by section seven of this article, and the well plat to each of the following persons: (1) The owners of record of the surface of the tract on which the well is or is proposed to be located; (2) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for roads or other land disturbance as described in the erosion and sediment control plan submitted pursuant to subsection (c), section seven of this article; (3) The coal owner, operator or lessee, in the event the tract of land on which the well proposed to be drilled is located [sic] is known to be underlain by one or more coal seams; (4) The owners of record of the surface tract or tracts overlying the oil and gas leasehold being developed by the proposed well work, if the surface tract is to be used for the placement, construction, enlargement, alteration, repair, removal or abandonment of any impoundment or pit as described in section nine of this article; (5) Any surface owner or water purveyor who is known to the applicant to have a water well, spring or water supply source located within one thousand five hundred feet of the center of the well pad which is used to provide water for consumption by humans or domestic animals; and (6) The operator of any natural gas storage field within which the proposed well work activity is to take place. (c)(1) If more than three tenants in common or other co-owners of interests described in subsection (b) of this section hold interests in the lands, the applicant may serve the documents required upon the person described in 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: David K Scranage (pad, road, water)  
Address: 633 Rices Run Road  
Lost Creek, WV 26385

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: NA  
Address: \_\_\_\_\_

COAL OPERATOR

Name: NA  
Address: \_\_\_\_\_

SURFACE OWNER OF WATER WELL AND/OR WATER PURVEYOR(s)

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

Name: BHE GT&S - Attn: Jamie Moore  
Address: 925 White Oaks Blvd  
Bridgeport, WV 26330

\*Please attach additional forms if necessary

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WV Department of  
Environmental Protection

**Notice is hereby given:**

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

**This Notice Shall Include:**

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

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

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

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

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

**Well Location Restrictions**

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

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

**Water Well Testing:**

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

**Water Testing Laboratories:**

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

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

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

**Written Comment:**

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

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

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Environmental Protection

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.**

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

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

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

**Comment Requirements**

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

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

**Permit Denial or Condition**

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

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

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

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

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WW-6A  
(8-13)

4703306101  
API NO. 47-  
OPERATOR WELL NO. Scrapage 1204 N-1H to S-10H  
Well Pad Name: Scrapage 1204

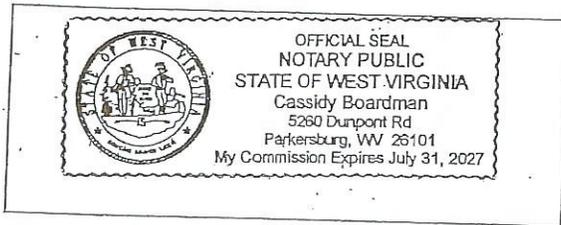
Notice is hereby given by:

Well Operator: HG Energy II Appalachia, LLC  
Telephone: -304-420-1119  
Email: dwhite@hgenergyllc.com *Diane White*

Address: 5260 Dupont Road  
Parkersburg, WV 26101  
Facsimile: 304-863-2172

**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 [deprivacyofficer@wv.gov](mailto:deprivacyofficer@wv.gov).



Subscribed and sworn before me this 10th day of January, 2023

*Cassidy Boardman* Notary Public

My Commission Expires 7/31/2027

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WV Department of  
Environmental Protection

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

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

**Date of Notice:** 09/01/2022      **Date of Planned Entry:** 09/08/2022

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

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

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WV Department of  
Environmental Protection

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: David K Scranage (LLC (pad, road, royalty owner))  
 Address: 633 Rices Run Road  
Lost Creek, WV 26385  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_  
 Name: \_\_\_\_\_  
 Address: \_\_\_\_\_

COAL OWNER OR LESSEE  
 Name: NA  
 Address: \_\_\_\_\_  
 \_\_\_\_\_

MINERAL OWNER(s)  
 Name: \*\* See Attached List  
 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: Harrison  
 District: Grant  
 Quadrangle: Mt. Clare 7.5"

Approx. Latitude & Longitude: 39.155681 & 80.325170  
 Public Road Access: Rices Run Road  
 Watershed: Lost Creek  
 Generally used farm name: Scranage

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 57<sup>th</sup> 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](http://www.dep.wv.gov/oil-and-gas/pages/default.aspx).

**Notice is hereby given by:**

Well Operator: HG Energy II Appalachia, LLC  
 Telephone: 304-420-1119  
 Email: dwhite@hgenergyllc.com

Address: 5260 Dupont Road  
Parkersburg, WV 26101  
 Facsimile: 304-863-3172

**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](mailto:depprivacyofficer@wv.gov).

**05/09/2025**

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: 10/07/2022 Date Permit Application Filed: 10/21/2022

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

HAND DELIVERY  CERTIFIED MAIL  
RETURN RECEIPT REQUESTED

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

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

Name: David K Scranage  
Address: 633 Rices Run Road  
Lost Creek, WV 26385

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: Harrison  
District: Grant  
Quadrangle: Mt. Clare WV 7.5'  
Watershed: Lost Creek

UTM NAD 83 Easting: 558306.8  
Northing: 4334265.4  
Public Road Access: Rice Run Road @ SR 46  
Generally used farm name: David Scranage

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

Notice is hereby given by:

Well Operator: HG Energy II Appalachia, LLC  
Address: 5260 Dupont Road  
Parkersburg, WV 26101  
Telephone: 304-420-1119  
Email: dwhite@hgenergyllc.com  
Facsimile: 304-863-3172

Authorized Representative: Diane White  
Address: 5260 Dupont Road  
Parkersburg, WV 26101  
Telephone: 304-420-1119  
Email: dwhite@hgenergyllc.com  
Facsimile: 304-863-3172

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](mailto:depprivacyofficer@wv.gov).

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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: 10/14/2022 Date Permit Application Filed: 10/17/2022

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

CERTIFIED MAIL  
RETURN RECEIPT REQUESTED  
 HAND DELIVERY

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

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

Name: David K Scrannage  
Address: 633 Rice Run Road  
Lost Creek, WV 26385

Name: \_\_\_\_\_  
Address: \_\_\_\_\_

Notice is hereby given:

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

State: West Virginia  
County: Harrison  
District: Grant  
Quadrangle: Mt. Clare WV 7.5'  
Watershed: Lost Creek

UTM NAD 83 Easting: 558306.8  
Northing: 4334265.4  
Public Road Access: Rice Run Road @ SR 46  
Generally used farm name: David Scrannage

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

Well Operator: HG Energy II Appalachia, LLC  
Telephone: 304-420-1119  
Email: dwhite@hgenergyllc.com

Address: 5260 Dupont Road  
Parkersburg, WV 26101  
Facsimile: 304-863-3172

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](mailto:depprivacyofficer@wv.gov).

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**WEST VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

1900 Kanawha Boulevard East • Building Five • Room 109  
Charleston, West Virginia 25305-0440 • (304) 558-0444

Michael J. DeMers  
Deputy Secretary of Transportation

Stephen T. Rumbaugh, P.E.  
Secretary of Transportation  
Commissioner of Highways

February 24, 2025

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

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Subject: DOH Permit for the 1204 Scranage Well Pad, Harrison County  
Well Sites: Scranage 1204 N-1H Scranage 1204 N-2H Scranage 1204 N-3H  
Scranage 1204 N-4H Scranage 1204 N-5H Scranage 1204 N-6H  
Scranage 1204 S-7H Scranage 1204 S-8H Scranage 1204 S-9H  
Scranage 1204 S-10H Scranage 1204 S-11H Scranage 1204 S-12H

Dear Mr. Martin,

This well site will be accessed from a DOH permit #04-2022-0694 which has been issued to HG Energy II Appalachia, LLC for access to the State Road for a well site located off Harrison County Route 44/5 SLS MP 0.36.

This operator is in compliance with §22-6A-20 of the WV Code. 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 March 6, 2023. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Lacy D. Pratt  
Central Office O&G Coordinator

Cc: Diane White  
HG Energy II Appalachia, LLC  
OM, D-4  
File

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**HG Energy II Appalachia, LLC**  
**List of Frac Additives by Chemical Name and CAS #**  
**Scrannage 1204 Well Pad (N-1H to S-12H)**

| Chemical Name               | CAS #      | Multiple CAS #'s |
|-----------------------------|------------|------------------|
| Pro Shale Slik 405          | Mixture    | 68551-12-2       |
|                             |            | 7647-14-5        |
|                             |            | 12125-02-9       |
|                             |            | 64742-47-8       |
| Pro Hib II                  | Mixture    | 68412-54-4       |
|                             |            | 68607-28-3       |
|                             |            | 107-21-1         |
|                             |            | 111-76-2         |
|                             |            | 67-56-1          |
|                             |            | 107-19-7         |
| Silica Sand and Ground Sand | Mixture    | 14808-60-7       |
|                             |            | 1344-28-1        |
|                             |            | 1309-37-1        |
|                             |            | 13463-67-7       |
| Hydrochloric Acid 22 DEG BE | 7647-01-0  |                  |
| PROGEL - 4.5                | 64742-96-7 |                  |
| BIO CLEAR 2000              | Mixture    | 25322-68-3       |
|                             |            | 10222-01-2       |
| SCALE CLEAR SI 112          | 107-21-1   |                  |
| PROBREAK 4                  | Mixture    | 57-50-1          |
|                             |            | 107-21-1         |
| Sulfamic Acid               | 5329-14-6  |                  |
| PRO - Flow - 102-N          | Mixture    | 67-63-0          |
|                             |            | 68439-45-2       |
|                             |            | 2687-96-9        |
| PROGEL - 4                  | 9000-30-0  |                  |

05/09/2025

OPERATOR: HG Energy II Appalachia, LLC WELL NO: Scranage 1204 S-7H

PAD NAME: Scranage 1204

REVIEWED BY: Diane White SIGNATURE: Diane White

### WELL RESTRICTIONS CHECKLIST

#### HORIZONTAL 6A WELL

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APR 03 2025

WV Department of  
Environmental Protection

#### Well Restrictions

At Least 100 Feet from Pad and LOD (including any E&S Control Feature) to any Perennial Stream, Lake, Pond, Reservoir or Wetland; OR

DEP Waiver and Permit Conditions

At Least 300 Feet from Pad and LOD (including any E&S Control Feature) to any Naturally Producing Trout Stream; OR

DEP Waiver and Permit Conditions

At Least 1000 Feet from Pad and LOD (including any E&S Control Feature) to any Groundwater Intake or Public Water Supply; OR

DEP Waiver and Permit Conditions

At Least 250 Feet from an Existing Water Well or Developed Spring to Well Being Drilled; OR

Surface Owner Waiver and Recorded with County Clerk, OR

DEP Variance and Permit Conditions

At Least 625 Feet from an Occupied Dwelling Structure to Center of the Pad; OR

Surface Owner Waiver and Recorded with County Clerk, OR

DEP Variance and Permit Conditions

At Least 625 Feet from Agricultural Buildings Larger than 2500 Square Feet to the Center of the Pad; OR

Surface Owner Waiver and Recorded with County Clerk, OR

DEP Variance and Permit Conditions

05/09/2025



**1204 Well Site**  
 Site Design, Construction Plan, &  
 Erosion and Sediment Control Plans  
 HIG Energy LLC  
 Harrison County  
 Grant District  
 Latitude -39.1556300°  
 Longitude -80.3246105°  
 Middle West Park River Watershed

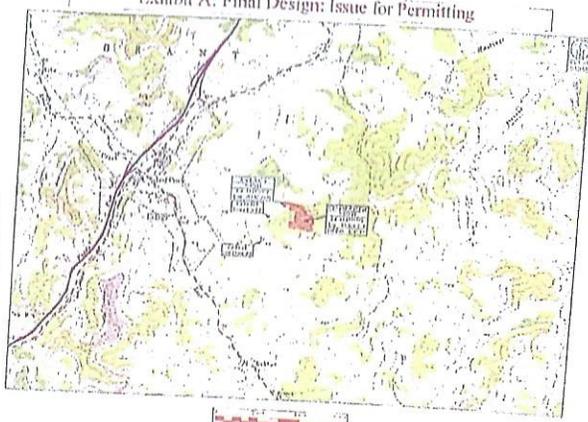
**Permit Site Information**

1204 Well Site  
 Permit Number: 14291-1114  
 Grant District: Harrison County, WV  
 Watershed: Middle West Park River Watershed  
 Size: 91.1 Acres

HIG Energy Permit Number: 104-126410

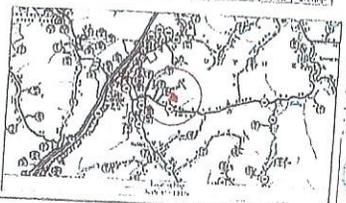
Topographic Scale: 10:1  
 Vertical Scale: 1" = 100'  
 Horizontal Scale: 1" = 100'

**Exhibit A: Final Design: Issue for Permitting**



| NO. | DESCRIPTION           | DATE    | BY         | CHKD. |
|-----|-----------------------|---------|------------|-------|
| 1   | ISSUED FOR PERMITTING | 3/13/25 | KJ WIELETA |       |
| 2   | REVISION              |         |            |       |
| 3   | REVISION              |         |            |       |
| 4   | REVISION              |         |            |       |
| 5   | REVISION              |         |            |       |
| 6   | REVISION              |         |            |       |
| 7   | REVISION              |         |            |       |
| 8   | REVISION              |         |            |       |
| 9   | REVISION              |         |            |       |
| 10  | REVISION              |         |            |       |
| 11  | REVISION              |         |            |       |
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| 96  | REVISION              |         |            |       |
| 97  | REVISION              |         |            |       |
| 98  | REVISION              |         |            |       |
| 99  | REVISION              |         |            |       |
| 100 | REVISION              |         |            |       |

**APPROVED**  
 WV DEP OOG  
 3/13/2025



**Project Details**

**ADVISORY:** This plan was prepared by HIG Energy LLC and is not intended to be used for any purpose other than that for which it was prepared. It is the responsibility of the user to verify the accuracy of the information provided and to obtain all necessary permits and approvals. HIG Energy LLC is not responsible for any errors or omissions in this plan or for any consequences arising from its use.

**DESIGNER:** HIG Energy LLC  
 1204 Well Site  
 Harrison County, WV

**DATE:** 3/13/2025

**SCALE:** 1" = 100'

**PROJECT NO.:** 14291-1114

**WV DEPARTMENT OF ENVIRONMENTAL PROTECTION**

**OFFICE OF OIL AND GAS**

**GRANT DISTRICT**

**HARRISON COUNTY**

**1204 Well Site**

**Grant District**

**Harrison County, WV**

*Kj Wieleta* 3/13/25



KeyS Energy

1204 Well Site  
 Grant District  
 Harrison County, WV

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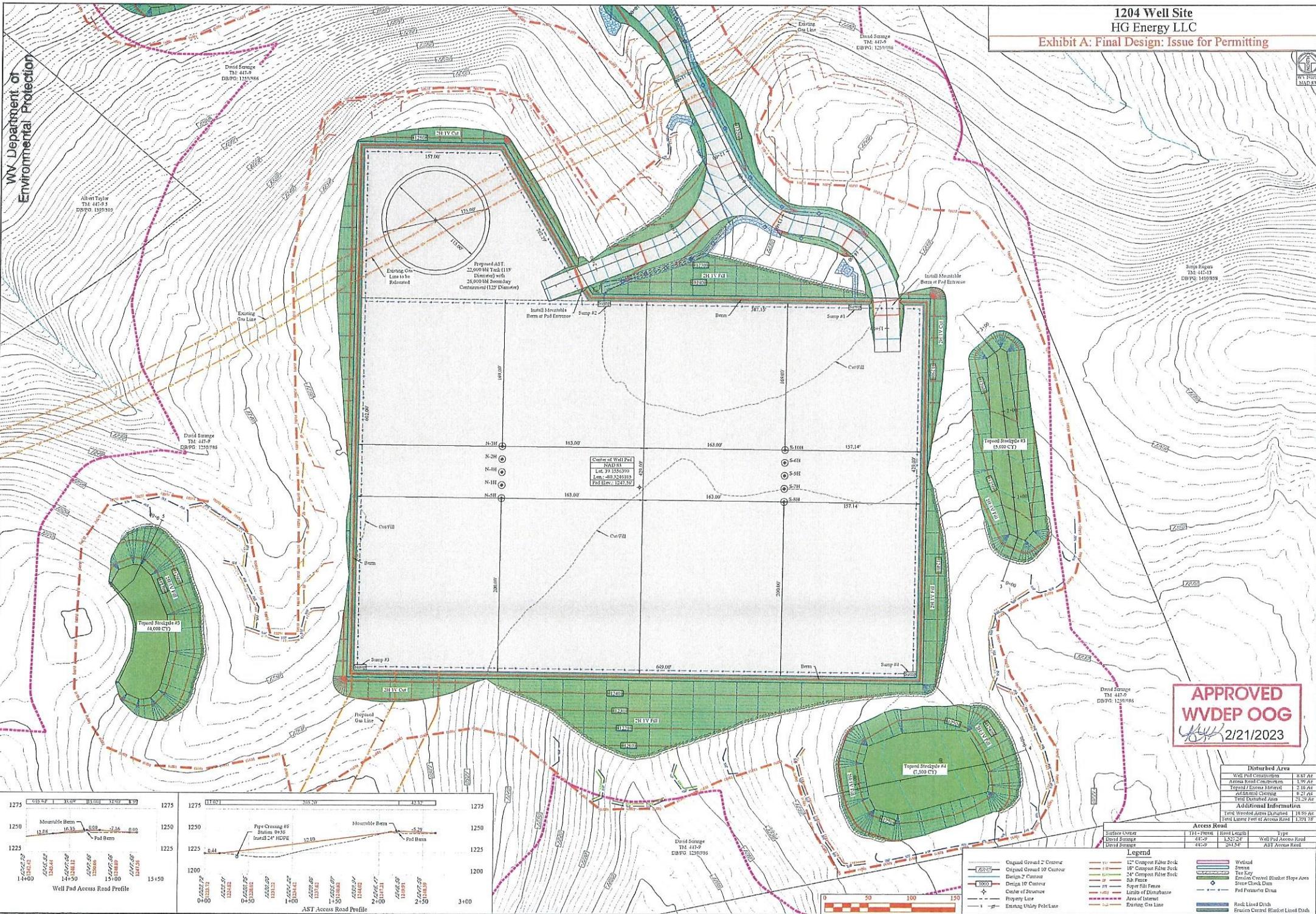
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 Office of Oil and Gas  
 APR 03 2025  
 WV Department of  
 Environmental Protection



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Office of Oil and Gas

APR 03 2025



**1204 Well Site**  
**HG Energy LLC**  
**Exhibit A: Final Design: Issue for Permitting**



THIS DOCUMENT  
 PREPARED FOR  
 HG ENERGY LLC



**APPROVED**  
**WVDEP OOG**  
*[Signature]*  
 2/21/2023

**Disturbed Area**

|                          |          |
|--------------------------|----------|
| Well Pad Construction    | 8.87 AC  |
| Access Road Construction | 1.99 AC  |
| Topsoil Storage Area     | 2.16 AC  |
| Additional Clearing      | 8.21 AC  |
| Total Disturbed Area     | 15.29 AC |

**Additional Information**

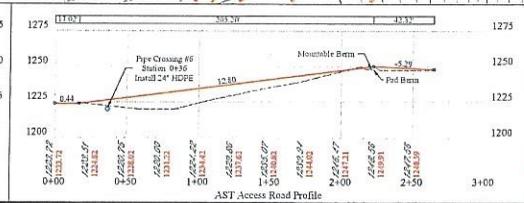
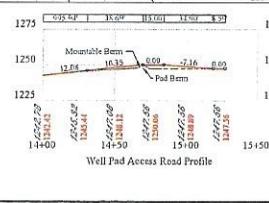
|                                  |           |
|----------------------------------|-----------|
| Total Wooded Areas Exploited     | 18.88 AC  |
| Total Linear Feet of Access Road | 1,129.12' |

**Access Road**

| Surface Utility | TH - Street | Road Length | Type                 |
|-----------------|-------------|-------------|----------------------|
| David Storage   | 41'-0"      | 1,527.24'   | Well Pad Access Road |
| David Storage   | 41'-0"      | 20.24'      | AST Access Road      |

**Legend**

|                             |                         |                                      |
|-----------------------------|-------------------------|--------------------------------------|
| Original Ground 2' Contour  | 12" Compact Filter Rock | Wellhead                             |
| Original Ground 10' Contour | 18" Compact Filter Rock | Berm                                 |
| Design 2' Contour           | 24" Compact Filter Rock | 1st Key                              |
| Design 10' Contour          | 36" Filter              | Emulsion Control Bladder Slope Area  |
| Center of Structure         | Flow Hill Fence         | Stone Check Dam                      |
| Property Line               | Area of Disturbance     | Pad Post-tension Drain               |
| Existing Utility Pole Line  | Area of Interest        | Rock Lined Ditch                     |
|                             | Existing Gas Line       | Emulsion Control Bladder Lined Ditch |



**Site Plan**  
**1204 Well Site**  
 Grant District  
 Harrison County, WV