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west virginia department of environmental protection

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Office of Oil and Gas  
601 57<sup>th</sup> Street, 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)

Wednesday, August 6, 2025  
PERMIT MODIFICATION APPROVAL  
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC  
5260 DUPONT ROAD

PARKERSBURG, WV 26101

Re: Permit Modification Approval for SCRANAGE 1204 N-1H  
47-033-06097-00-00

**Lateral Extension/ Forced Pooling**

HG ENERGY II APPALACHIA, LLC

The Office of Oil and Gas has reviewed the attached permit modification for the above referenced permit. The attached modification has been approved and well work may begin. Please be reminded that the oil and gas inspector is to be notified twenty-four (24) hours before permitted well work is commenced.

If there are any questions, please feel free to contact me at (304) 926- 0450.

A blue ink signature of James A. Martin, written in a cursive style.

James A. Martin  
Chief

Operator's Well Number: SCRANAGE 1204 N-1H  
Farm Name: DAVID K. SCRANAGE  
U.S. WELL NUMBER: 47-033-06097-00-00  
Horizontal 6A New Drill  
Date Modification Issued: 08/06/2025

Promoting a healthy environment.

08/08/2025

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 494519932 Harrison Grant Mount Clare 7.5'  
Operator ID County District Quadrangle
- 2) Operator's Well Number: Scranage 1204 N-1H 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 x Oil \_\_\_\_\_ Underground Storage \_\_\_\_\_  
Other \_\_\_\_\_  
(b) If Gas Shallow x Deep \_\_\_\_\_  
Horizontal x
- 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: 24,600'
- 11) Proposed Horizontal Leg Length: 15,637'
- 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 X

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

CK# 51720  
# 7500  
7/30/2025

*Jeff A Probst*

7-31-2025

RECEIVED  
Office of Oil and Gas  
AUG 04 2025  
WV Department of  
Environmental Protection

WW-6B  
(04/15)

4703306097  
API NO. 47-  
OPERATOR WELL NO. Scrannage 1204 N-1H  
Well Pad Name: Scrannage 1204

18)

**CASING AND TUBING PROGRAM**

| TYPE             | Size<br>(in) | New<br>or<br>Used | Grade    | Weight per ft.<br>(lb/ft) | FOOTAGE: For<br>Drilling (ft) | INTERVALS:<br>Left in Well<br>(ft) | CEMENT:<br>Fill-up<br>(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                        | 5050'                         | 5050'                              | 40% excess tail, CTS                |
| Production       | 5 1/2"       | NEW               | P-110 HP | 23                        | 24600'                        | 24600' ✓                           | 20% excess tail, CTS                |
| Tubing           |              |                   |          |                           |                               |                                    |                                     |
| Liners           |              |                   |          |                           |                               |                                    |                                     |

*Jeff A Propat* ✓

7-31-2025

| TYPE             | Size (in) | Wellbore<br>Diameter (in) | Wall<br>Thickness<br>(in) | Burst Pressure<br>(psi) | Anticipated<br>Max. Internal<br>Pressure (psi) | Cement<br>Type  | Cement<br>Yield<br>(cu. ft./k)              |
|------------------|-----------|---------------------------|---------------------------|-------------------------|------------------------------------------------|-----------------|---------------------------------------------|
| Conductor        | 30"       | 30"                       | .500                      |                         |                                                |                 | Drilled In                                  |
| Fresh Water/Coal | 20"       | 26"                       | .438                      | 2110                    | 1200                                           | Type 1, Class A | 40 % excess yield = 1.20, CTS               |
| Intermediate 1   | 13 3/8"   | 17 1/2"                   | .480                      | 3450                    |                                                | Type 1/Class A  | Lead 40% excess, Tail 0% excess             |
| Intermediate 2   | 9 5/8"    | 12 1/4"                   | .395                      | 5750                    |                                                | Type 1/Class A  | Lead 40% excess, Tail 0% Excess Lead        |
| Production       | 5 1/2"    | 8 1/2"                    | .415                      | 16240                   | 12500                                          | Type 1/Class A  | 20% excess yield = 1.19, tail yield 1.94, C |
| Tubing           |           |                           |                           |                         |                                                |                 |                                             |
| Liners           |           |                           |                           |                         |                                                |                 |                                             |

**PACKERS**

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

WW-6B  
(10/14)

4703306097  
API NO. 47-  
OPERATOR WELL NO. Scrannage 1204 N-1H  
Well Pad Name: Scrannage 1204

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 15,637' lateral length, 24,600' 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  
Intermediate 1 - \*\*\*\* 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 VSWOB Anti Foam / D202 - 0.15% BWOB Dispersant / D095 1.5 lb per BBL CemNET - 80% Excess 15.5 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 GasBlock / D013 - 0.3% BWOB Retarder / D047 - 0.02 gal / sack Anti Foam / D301 - 0.05 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 PNE-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=1.94 CTS

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.

Jeff A Propst

7-31-2025

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08/08/2025

\*\*\* 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 N-1H

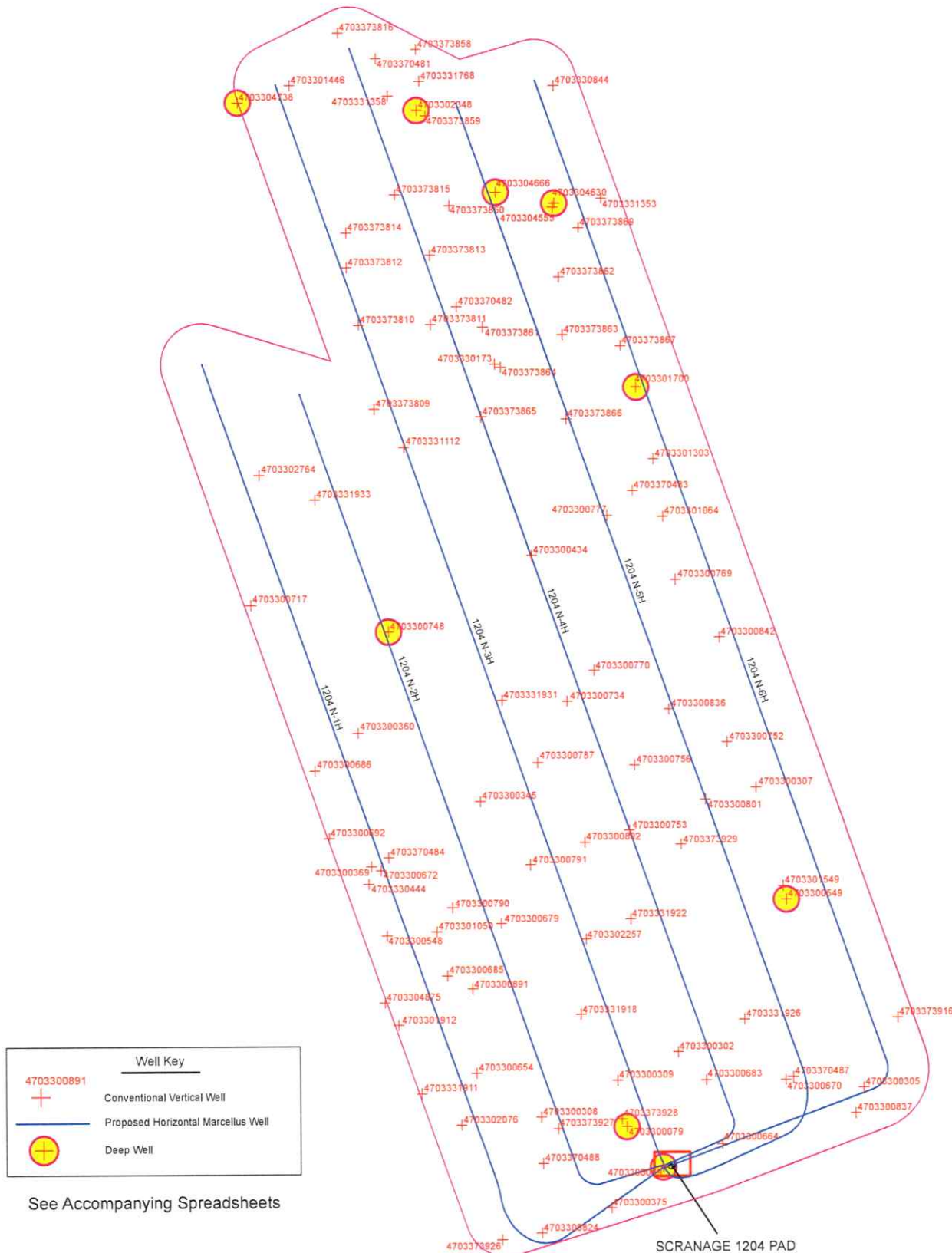
Marcellus Shale Horizontal

Harrison County, WV



|                           |                        |                                                              |                                                   | 1204 N-1H SHL        |                                   |                        |                                                                                                                                                                                                                                          | 14220002.21N 1831711.43E                                                                      |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|---------------------------|------------------------|--------------------------------------------------------------|---------------------------------------------------|----------------------|-----------------------------------|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|
| Ground Elevation          |                        | 1247.6'                                                      |                                                   | 1204 N-1H LP         |                                   |                        |                                                                                                                                                                                                                                          | 14219854.5N 1828577.96E                                                                       |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| Azm                       |                        | 340.402°                                                     |                                                   | 1204 N-1H BHL        |                                   |                        |                                                                                                                                                                                                                                          | 14234592.15N 1823373.36E                                                                      |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| WELLBORE DIAGRAM          |                        | 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                                                                                           | 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                                             |                      | 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>*will also be running ACP for isolating storage zone*            | 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                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           | 12.25"                 | 9-5/8" 40# N-80 BTC                                          | Fifty Foot / Thirty                               | 1753 / 1868          | 1843 / 1900                       | 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                                                                        |                                        |
|                           |                        |                                                              | Gordon                                            | 1907                 | 1995                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | 5th Sand                                          | 2194                 | 2214                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | Bayard                                            | 2287                 | 2309                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | U&L Speechley                                     | 2803                 | 2906                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | Bradford                                          | 3482                 | 3556                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | Benson                                            | 4173                 | 4193                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | Intermediate 2                                    | 0                    | TVD: 4900' MD: 5050' Inc: 35 deg. |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           | 8.75"                  | 5-1/2" 23# P-110 HP CDC HTQ                                  | * Intermediate 2 plan to cover the Alexander also |                      |                                   | AIR / 9.0ppg SOBM      | Lead: 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc EC1 + 0.75 gal/sk FP13L + 0.3% bwoc MPA170 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 = 0.415" wall thickness Burst=16240 psi Note:Actual centralizer schedules may be changed due to hole conditions |                                        |
|                           |                        |                                                              | Alexander                                         | 4500                 | 4670                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           | 8.5" Curve             |                                                              | Rhinestreet                                       | 5603                 | 6420                              | 11.5ppg-12.5ppg SOBM   |                                                                                                                                                                                                                                          | Run 1 spiral centralizer every 3 joints from the 1st 5.5" long joint to the top of the curve. |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           |                        |                                                              | Cashaqua                                          | 6420                 | 6653                              |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| Middlesex                 |                        |                                                              | 6653                                              | 6748                 |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| West River                |                        |                                                              | 6748                                              | 6859                 |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| Burkett                   |                        |                                                              | 6859                                              | 6894                 |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| Tully Limestone           |                        |                                                              | 6894                                              | 6983                 |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| Hamilton                  |                        |                                                              | 6983                                              | 6753                 |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| Marcellus                 |                        |                                                              | 7049                                              | 7145                 |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| 8.5" Lateral              | TMD / TVD (Production) | 24600                                                        | 7080                                              | 11.5ppg-12.5ppg SOBM |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
|                           | Onondaga               | 7145                                                         |                                                   |                      |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| LP @ 7080' TVD / 8962' MD |                        | 8.5" Hole - Cemented Long String 5-1/2" 23# P-110 HP CDC HTQ |                                                   |                      |                                   | +/-15638' ft Lateral   |                                                                                                                                                                                                                                          | TD @ +/-7080' TVD +/-24600' MD                                                                |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |
| X=centralizers            |                        |                                                              |                                                   |                      |                                   |                        |                                                                                                                                                                                                                                          |                                                                                               |                                                                                                                                                                                                                                 |                                                                                                                                   |                                        |

4703306097



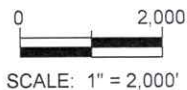
**Well Key**

4703300891  
+ Conventional Vertical Well

— Proposed Horizontal Marcellus Well

⊕ Deep Well

See Accompanying Spreadsheets



DATA SOURCES  
WVGES Data Set - 2023; WVDEP Website

Area of Review for:

### SCRANAGE 1204 NORTH UNIT

Proposed 1204 N-1H    Proposed 1204 N-2H    Proposed 1204 N-3H  
Proposed 1204 N-4H    Proposed 1204 N-5H    Proposed 1204 N-6H

Grant District, Harrison County, W.Va.

HG ENERGY, II APPALACHIA, LLC  
5260 DuPont Road, Parkersburg, WV 26101

12/3/2024

08/08/2025

EXISTING WELLS LOCATED WITHIN THE AREA OF REVIEW FOR:

**SCRANAGE 1204 NORTH UNIT AND PROPOSED WELLS N-1H, N-2H, N-3H, N-4H, N-5H & N-6H**

| CT | API        | COUNTY   | FARM                   | OPERATOR NAME                            | FORMATION NAME   | WELL TYPE       | TVD   | STATUS    | LATITUDE  | LONGITUDE  |
|----|------------|----------|------------------------|------------------------------------------|------------------|-----------------|-------|-----------|-----------|------------|
| 1  | 4703300079 | Harrison | C S Gribble            | Dominion Energy Transmission, Inc.       | Juniata Fm       | Dry w/ Gas Show | 10018 | PLUGGED   | 39.157681 | 80.327491  |
| 2  | 4703300302 | Harrison | Vernie G Young         | Dominion Energy Transmission, Inc.       | Greenland Gap Fm | Storage         | 4314  | ACTIVE    | 39.161383 | -80.324115 |
| 3  | 4703300305 | Harrison | E A Batton             | Eastern Gas Transmission & Storage, Inc. | Hampshire Grp    | Gas             | 2366  | PLUGGED   | 39.159502 | -80.312160 |
| 4  | 4703300307 | Harrison | Wolfe Hrs              | Eastern Gas Transmission & Storage, Inc. | Greenland Gap Fm | Storage         | 2471  | ACTIVE    | 39.174616 | -80.318863 |
| 5  | 4703300308 | Harrison | June Ludwig            | Dominion Energy Transmission, Inc.       | Hampshire Grp    | Storage         | 1913  | PLUGGED   | 39.158194 | 80.333010  |
| 6  | 4703300309 | Harrison | C S Gribble            | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 1890  | PLUGGED   | 39.159986 | 80.328065  |
| 7  | 4703300345 | Harrison | A C Cookman            | Berry Energy, Inc.                       | Hampshire Grp    | Gas             | 2290  | PLUGGED   | 39.174040 | -80.336672 |
| 8  | 4703300360 | Harrison | Jesse C Stout          | UNKNOWN                                  | Unknown          | not available   | -     | ABANDONED | 39.177540 | 80.344523  |
| 9  | 4703300369 | Harrison | S D B Church           | UNKNOWN                                  | Unknown          | not available   | -     | ABANDONED | 39.170834 | 80.343766  |
| 10 | 4703300375 | Harrison | G Kennedy              | Dominion Energy Transmission, Inc.       | Gantz            | Storage         | 1738  | ACTIVE    | 39.153614 | 80.328570  |
| 11 | 4703300434 | Harrison | H V Stout              | Dominion Energy Transmission, Inc.       | Thirty-foot      | Storage         | 2130  | PLUGGED   | 39.186364 | -80.333145 |
| 12 | 4703300548 | Harrison | Mollie V Bassel        | Eastern Gas Transmission & Storage, Inc. | Benson           | Storage         | 4350  | ACTIVE    | 39.167365 | 80.342817  |
| 13 | 4703300549 | Harrison | William & Evelyn Booth | Eastern Gas Transmission & Storage, Inc. | Benson           | Gas             | 4510  | ACTIVE    | 39.168981 | -80.316999 |
| 14 | 4703300654 | Harrison | A V Knisley            | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 1748  | ACTIVE    | 39.160434 | 80.337146  |
| 15 | 4703300664 | Harrison | J McWhorter            | Dominion Energy Transmission, Inc.       | Greenland Gap Fm | Storage         | 1915  | ACTIVE    | 39.156759 | 80.321354  |
| 16 | 4703300670 | Harrison | E Conley               | Eastern Gas Transmission & Storage, Inc. | Greenland Gap Fm | Storage         | 2204  | ACTIVE    | 39.159938 | 80.317192  |
| 17 | 4703300672 | Harrison | M V Bassell            | Eastern Gas Transmission & Storage, Inc. | Fifth            | Storage         | 2233  | ACTIVE    | 39.170634 | 80.343153  |
| 18 | 4703300679 | Harrison | A V Knisley            | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 2160  | PLUGGED   | 39.167928 | -80.335427 |
| 19 | 4703300683 | Harrison | J R Cochran            | Dominion Energy Transmission, Inc.       | Hampshire Grp    | Storage         | 1857  | PLUGGED   | 39.159961 | 80.322333  |
| 20 | 4703300685 | Harrison | A V Knisley            | Eastern Gas Transmission & Storage, Inc. | Fifty-foot       | Storage         | 1940  | ACTIVE    | 39.165325 | 80.338946  |
| 21 | 4703300686 | Harrison | Lloyd Stout            | Eastern Gas Transmission & Storage, Inc. | Gordon           | Storage         | 2051  | PLUGGED   | 39.175673 | 80.347338  |
| 22 | 4703300692 | Harrison | J C Stout              | Eastern Gas Transmission & Storage, Inc. | Gantz            | Storage         | 1950  | PLUGGED   | 39.172276 | 80.346468  |
| 23 | 4703300717 | Harrison | E H Stout              | Eastern Gas Transmission & Storage, Inc. | Fifty-foot       | Storage         | 1996  | ACTIVE    | 39.183751 | 80.351779  |
| 24 | 4703300734 | Harrison | J VanHorn              | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 1998  | ACTIVE    | 39.179031 | -80.330986 |
| 25 | 4703300748 | Harrison | Stella M Clovis        | Dominion Energy Transmission, Inc.       | Benson           | Dry w/ Gas Show | 4800  | PLUGGED   | 39.182591 | -80.342461 |
| 26 | 4703300752 | Harrison | L A Bond               | Eastern Gas Transmission & Storage, Inc. | Fifty-foot       | Storage         | 1965  | ACTIVE    | 39.176914 | 80.320698  |
| 27 | 4703300753 | Harrison | L A Bond               | Dominion Energy Transmission, Inc.       | Thirty-foot      | Storage         | 2047  | PLUGGED   | 39.172529 | -80.327067 |
| 28 | 4703300756 | Harrison | Luther A Bond          | Dominion Energy Transmission, Inc.       | Hampshire Grp    | Storage         | 2225  | ACTIVE    | 39.175790 | -80.326687 |
| 29 | 4703300769 | Harrison | Charles D Lewis        | Eastern Gas Transmission & Storage, Inc. | Hampshire Grp    | Storage         | 2015  | PLUGGED   | 39.185082 | -80.323884 |
| 30 | 4703300770 | Harrison | R Bond                 | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 2000  | PLUGGED   | 39.180562 | -80.329214 |
| 31 | 4703300777 | Harrison | Levi Paugh             | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 1912  | PLUGGED   | 39.188318 | -80.328247 |
| 32 | 4703300787 | Harrison | H W Booth              | Dominion Energy Transmission, Inc.       | Fifty-foot       | Storage         | 2005  | ACTIVE    | 39.175955 | -80.332920 |
| 33 | 4703300790 | Harrison | J W Smith              | Dominion Energy Transmission, Inc.       | Thirty-foot      | Storage         | 1967  | ACTIVE    | 39.168736 | -80.338553 |

|    |            |          |                          |                                           |                  |                 |      |               |           |            |
|----|------------|----------|--------------------------|-------------------------------------------|------------------|-----------------|------|---------------|-----------|------------|
| 34 | 4703300791 | Harrison | J W Smith                | Dominion Energy Transmission, Inc.        | Fifty-foot       | Storage         | 2000 | ACTIVE        | 39.170850 | -80.333484 |
| 35 | 4703300801 | Harrison | L A Bond                 | Dominion Energy Transmission, Inc.        | Fifty-foot       | Storage         | 3005 | PLUGGED       | 39.174034 | -80.322141 |
| 36 | 4703300802 | Harrison | W C Cookman              | Dominion Energy Transmission, Inc.        | Thirty-foot      | Storage         | 1947 | ACTIVE        | 39.171928 | -80.329949 |
| 37 | 4703300824 | Harrison | Sarah Davis              | Dominion Energy Transmission, Inc.        | Fifth            | Observation     | 2126 | ACTIVE        | 39.152391 | 80.333069  |
| 38 | 4703300836 | Harrison | Rebecca Bond             | Dominion Energy Transmission, Inc.        | Fifth            | House Gas       | 2304 | ACTIVE        | 39.178587 | -80.324409 |
| 39 | 4703300837 | Harrison | R B Bartlett             | Eastern Gas Transmission & Storage, Inc.  | Thirty-foot      | Storage         | 2269 | ACTIVE        | 39.158486 | 80.312720  |
| 40 | 4703300842 | Harrison | Rebecca Bond             | Eastern Gas Transmission & Storage, Inc.  | Thirty-foot      | Storage         | 1935 | PLUGGED       | 39.182156 | -80.321105 |
| 41 | 4703300891 | Harrison | Worthy C Hall            | Eastern Gas Transmission & Storage, Inc.  | Benson           | Gas             | 4488 | ACTIVE        | 39.164659 | 80.337327  |
| 42 | 4703301050 | Harrison | Bassell                  | Eastern Gas Transmission & Storage, Inc.  | Fifth            | Gas             | 2314 | PLUGGED       | 39.167548 | 80.339596  |
| 43 | 4703301064 | Harrison | Ruth D Curry             | Eastern Gas Transmission & Storage, Inc.  | Unknown          | Unknown         | -    | PLUGGED       | 39.188251 | -80.324645 |
| 44 | 4703301303 | Harrison | J Nichols                | Eastern Gas Transmission & Storage, Inc.  | Hampshire Grp    | Gas             | 2465 | ACTIVE        | 39.191153 | -80.325205 |
| 45 | 4703301446 | Harrison | S Blake                  | Diversified Production LLC                | Hampshire Grp    | Gas             | 2509 | ACTIVE        | 39.210033 | -80.348425 |
| 46 | 4703301549 | Harrison | R Wagner                 | Diversified Production LLC                | Unknown          | Gas             | -    | ABANDONED     | 39.169674 | -80.317192 |
| 47 | 4703301700 | Harrison | Glen A. Lang, et al      | Eastern Gas Transmission & Storage, Inc.  | Benson           | Gas             | 4697 | ACTIVE        | 39.194738 | -80.326274 |
| 48 | 4703301912 | Harrison | D.L. Nutter              | Eastern Gas Transmission & Storage, Inc.  | Benson           | Gas             | 4335 | ACTIVE        | 39.19275  | 80.287450  |
| 49 | 4703302076 | Harrison | A V Knisley              | Eastern Gas Transmission & Storage, Inc.  | Benson           | Gas             | 4227 | ACTIVE        | 39.157853 | 80.338160  |
| 50 | 4703302257 | Harrison | A Knisley                | Dominion Energy Transmission, Inc.        | Fourth           | Storage         | 2279 | ACTIVE        | 39.167100 | -80.329949 |
| 51 | 4703302348 | Harrison | John Perry               | UNKNOWN                                   | Alexander        | Dry w/ Gas Show | 4956 | PLUGGED       | 39.208727 | 80.340226  |
| 52 | 4703302764 | Harrison | Sarah Heldreth           | Eastern Gas Transmission & Storage, Inc.  | Unknown          | not available   | -    | PLUGGED       | 39.190525 | 80.350707  |
| 53 | 4703304555 | Harrison | Nellie M Gaston et al    | Eastern Gas Transmission & Storage, Inc.  | Fifty-foot       | Gas             | 2140 | ACTIVE        | 39.203808 | -80.331514 |
| 54 | 4703304630 | Harrison | John D Dotson/B Alvarado | Diversified Production LLC                | Greenland Gap Fm | Gas             | 4731 | ACTIVE        | 39.203997 | -80.331408 |
| 55 | 4703304666 | Harrison | John Perry               | Genesis Exploration & Production Co., LLC | Marcellus Fm     | Dry             | 4975 | PLUGGED       | 39.204654 | 80.335195  |
| 56 | 4703304738 | Harrison | G Diane Sullivan         | Mountain V Oil & Gas, Inc.                | Greenland Gap Fm | Gas             | 4988 | ACTIVE        | 39.209196 | -80.351785 |
| 57 | 4703304875 | Harrison | D L Nutter               | Eastern Gas Transmission & Storage, Inc.  | Greenland Gap Fm | Storage         | 2362 | PLUGGED       | 39.164004 | 80.343017  |
| 58 | 4703306019 | Harrison | David K Scranage         | HG Energy II Appalachia, LLC              | Marcellus Fm     | Gas             | 7080 | PERMIT ISSUED | 39.155642 | -80.325170 |
| 59 | 4703330173 | Harrison | Ira B. & W. E. Fleming   | Cumberland & Allegheny Gas Co.            | Hampshire Grp    | Gas             | 2308 | PLUGGED       | 39.195953 | -80.335381 |
| 60 | 4703330444 | Harrison | A D Bassell              | Cumberland & Allegheny Gas Co.            | Hampshire Grp    | Gas             | 2186 | PLUGGED       | 39.169964 | 80.343952  |
| 61 | 4703330844 | Harrison | H T Atkinson             | Hope Natural Gas Company                  | Greenland Gap Fm | Gas             | 2649 | UNKNOWN       | 39.209888 | -80.331354 |
| 62 | 4703331112 | Harrison | Ella B Carper            | Hope Natural Gas Company                  | Hampshire Grp    | Gas             | 2350 | PLUGGED       | 39.191840 | -80.341333 |
| 63 | 4703331353 | Harrison | J G Jackson              | Hope Natural Gas Company                  | Hampshire Grp    | Gas             | 2495 | UNKNOWN       | 39.204216 | -80.328372 |
| 64 | 4703331358 | Harrison | S L Blake                | Hope Natural Gas Company                  | Fifth            | Gas             | 2339 | PLUGGED       | 39.209453 | 80.342090  |
| 65 | 4703331768 | Harrison | M L Haselden             | Hope Natural Gas Company                  | Hampshire Grp    | Gas             | 2487 | PLUGGED       | 39.210178 | 80.340040  |
| 66 | 4703331911 | Harrison | D L Nutter               | Consolidated Gas Supply Corp.             | Greenland Gap Fm | Storage         | 2235 | PLUGGED       | 39.159357 | 80.341529  |
| 67 | 4703331918 | Harrison | V G Young                | Consolidated Gas Supply Corp.             | Gordon           | Storage         | 2000 | UNKNKNOWN     | 39.163320 | -80.330355 |
| 68 | 4703331922 | Harrison | J M Batton               | Consolidated Gas Supply Corp.             | Greenland Gap Fm | Storage         | 2227 | PLUGGED       | 39.168077 | -80.327067 |
| 69 | 4703331926 | Harrison | R Carpenter              | Consolidated Gas Supply Corp.             | Thirty-foot      | Storage         | 2000 | PLUGGED       | 39.162986 | -80.319800 |

|    |            |          |                    |                                                       |                  |         |      |         |           |            |
|----|------------|----------|--------------------|-------------------------------------------------------|------------------|---------|------|---------|-----------|------------|
| 70 | 4703331931 | Harrison | J Van Horn         | Consolidated Gas Supply Corp.                         | Greenland Gap Fm | Storage | 2341 | PLUGGED | 39.179107 | -80.335194 |
| 71 | 4703331933 | Harrison | E H Stout          | Consolidated Gas Supply Corp.                         | Greenland Gap Fm | Storage | 2480 | PLUGGED | 39.189267 | -80.347120 |
| 72 | 4703370481 | Harrison | Lucius Davis       | Oper in Min.owner fld,no code assgn(Orphan well proj) | Unknown          | Unknown | -    | UNKNOWN | 39.211339 | -80.342834 |
| 73 | 4703370482 | Harrison | Isaac Watson       | UNKNOWN                                               | Unknown          | Unknown | -    | UNKNOWN | 39.198858 | -80.337803 |
| 74 | 4703370483 | Harrison | Levi Paugh         | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.189569 | -80.326583 |
| 75 | 4703370484 | Harrison | Seven Day Baptist  | Lost Creek Oil & Gas Company                          | Unknown          | Unknown | -    | UNKNOWN | 39.171282 | -80.342647 |
| 76 | 4703370487 | Harrison | Ed Conley          | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.160083 | -80.316706 |
| 77 | 4703370488 | Harrison | C S Gribbel        | Lost Creek Oil & Gas Company                          | Unknown          | Unknown | -    | UNKNOWN | 39.155874 | -80.332917 |
| 78 | 4703373809 | Harrison | W B Fleming        | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.193766 | -80.343207 |
| 79 | 4703373810 | Harrison | Orie Watson        | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.197975 | -80.344139 |
| 80 | 4703373811 | Harrison | Orie Watson        | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.197975 | -80.339481 |
| 81 | 4703373812 | Harrison | Alice Benjamin     | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.200878 | -80.344884 |
| 82 | 4703373813 | Harrison | Alice Benjamin     | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.201458 | -80.339481 |
| 83 | 4703373814 | Harrison | John Perry         | Oper in Min.owner fld,no code assgn(Orphan well proj) | Unknown          | Unknown | -    | UNKNOWN | 39.202619 | -80.344884 |
| 84 | 4703373815 | Harrison | John Perry         | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.204506 | -80.341716 |
| 85 | 4703373816 | Harrison | Jutchinson Coal Co | UNKNOWN                                               | Unknown          | Unknown | -    | UNKNOWN | 39.212645 | -80.345257 |
| 86 | 4703373858 | Harrison | C E Davisson       | UNKNOWN                                               | Unknown          | Unknown | -    | UNKNOWN | 39.211774 | -80.340226 |
| 87 | 4703373859 | Harrison | John Perry         | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.208424 | -80.339667 |
| 88 | 4703373860 | Harrison | Alice Benjamin     | Oper in Min.owner fld,no code assgn(Orphan well proj) | Unknown          | Unknown | -    | UNKNOWN | 39.203926 | -80.338176 |
| 89 | 4703373861 | Harrison | White & Bassell    | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.197830 | -80.336126 |
| 90 | 4703373862 | Harrison | White & Bassell    | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.200297 | -80.331168 |
| 91 | 4703373863 | Harrison | W B Fleming        | Oper in Min.owner fld,no code assgn(Orphan well proj) | Unknown          | Unknown | -    | UNKNOWN | 39.197394 | -80.330982 |
| 92 | 4703373864 | Harrison | W B Fleming        | West Virginia Central Gas Co.                         | Unknown          | Unknown | -    | UNKNOWN | 39.195798 | -80.335008 |
| 93 | 4703373865 | Harrison | Walter Bond        | Hope Natural Gas Company                              | Unknown          | Unknown | -    | UNKNOWN | 39.193330 | -80.336312 |

|                                                                  |            |          |                |                          |                                       |         |   |                              |           |            |
|------------------------------------------------------------------|------------|----------|----------------|--------------------------|---------------------------------------|---------|---|------------------------------|-----------|------------|
| 94                                                               | 4703373866 | Harrison | L H Young      | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.193185 | -80.330796 |
| 95                                                               | 4703373867 | Harrison | J C Michaels   | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.196814 | -80.327255 |
| 96                                                               | 4703373869 | Harrison | Alice Benjamin | UNKNOWN                  | Unknown                               | Unknown | - | UNKNOWN                      | 39.202765 | -80.329864 |
| 97                                                               | 4703373916 | Harrison | A S Gatrell    | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.162986 | -80.309925 |
| 98                                                               | 4703373926 | Harrison | Milton S Davis | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.152075 | 80.335648  |
| 99                                                               | 4703373927 | Harrison | L E Davis      | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.157599 | 80.331911  |
| 100                                                              | 4703373928 | Harrison | C S Gribble    | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.158051 | -80.327813 |
| 101                                                              | 4703373929 | Harrison | John M Batten  | Hope Natural Gas Company | Unknown                               | Unknown | - | UNKNOWN                      | 39.171796 | 80.323754  |
|                                                                  |            |          |                |                          |                                       |         |   |                              |           |            |
| SOURCE: WVGES DATASET (2023) and WVDEP WEBSITE AND FIELD SURVEYS |            |          |                |                          | YELLOW DENOTES WELL WITH TVD > 4,500' |         |   | GREEN DENOTES SURVEYED WELLS |           |            |

UPDATED 7/5/2024

HG Energy II Appalachia, LLC  
Well No. Scrannage 1204 N-1H  
BH-MOD

Page 1 of 4

5,970' to Bottom Hole

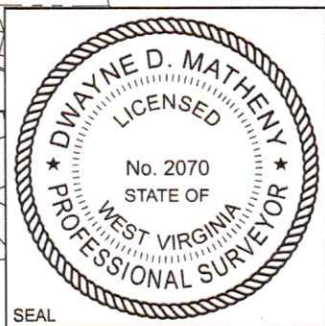
9,552' to Top Hole

TOP LATITUDE 39 - 10 - 00  
BTM LATITUDE 39 - 12 - 30

TOP HOLE LONGITUDE 80 - 17 - 30  
BTM HOLE LONGITUDE 80 - 20 - 00

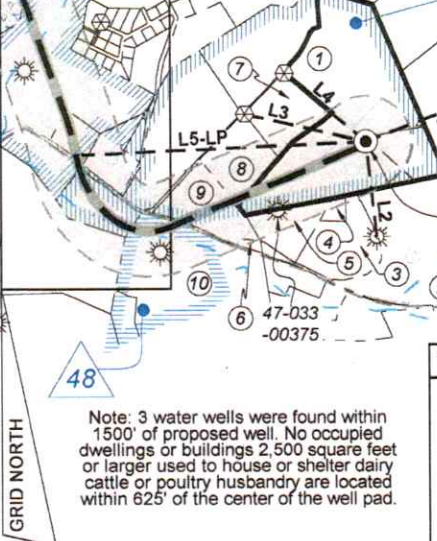
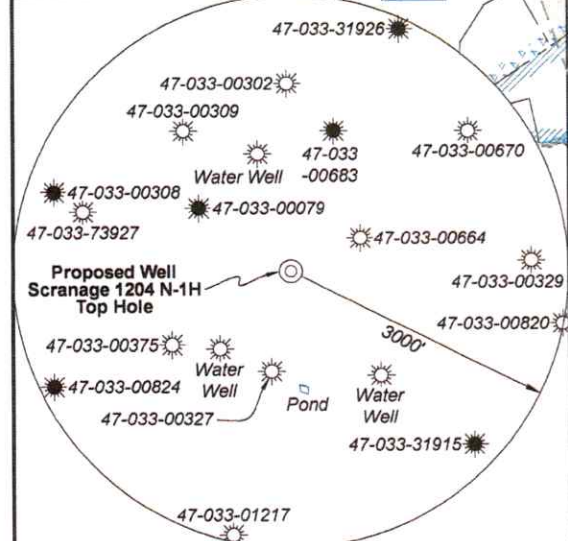
4,048' to Top Hole

4,569' to Bottom Hole



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



| Tag | Bearing    | Dist.    | Monument          |
|-----|------------|----------|-------------------|
| L1  | S 68°58' W | 1,155.7' | 47-033-00664      |
| L2  | N 06°23' W | 1,040.8' | 47-033-00327      |
| L3  | S 77°08' E | 1,343.7' | 5/8" Rebar w/ cap |
| L4  | S 49°46' E | 1,153.9' | 5/8" Rebar w/ cap |
| L5  | S 87°18' W | 3,136.9' | Landing Point     |

FILE NO: 155-36-G-19  
DRAWING NO: Scrannage 1204 N-1H 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: July 24 20 25  
OPERATOR'S WELL NO. Scrannage 1204 N-1H  
API WELL NO  
47 - 033 - 06097  
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  
SURFACE OWNER: David K. Scrannage  
ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al LEASE NO: ACREAGE: 56.48  
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD  
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,600' 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



**Legend**

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

**Wellhead Layout (NTS)**

S 00°16'03" E 15' 0.0' (Typ)

- Scranage 1204 N-3H (API# 47-033-06099)
- Scranage 1204 N-2H (API# 47-033-06098)
- Scranage 1204 N-4H (API# 47-033-06100)
- Proposed Well Scranage 1204 N-1H (API# 47-033-06097)**
- Scranage 1204 N-5H (API# 47-033-06049)
- Scranage 1204 N-6H (API# 47-033-06088)

**Well Location References**  
Not to Scale

AZ255° 64' 5/8" Rebar

Proposed Well Scranage 1204 N-1H

AZ309° 67' 5/8" Rebar

Scranage 1204 Pad

| ID | Lease                                                |
|----|------------------------------------------------------|
| 3  | Alice V. & Thomas J. Krisley                         |
| 24 | Jesse C. & Lillian E. Stout, et al                   |
| 25 | E.H. & V.E. Stout                                    |
| 48 | L.B. & Sarah W. Davis                                |
| 51 | C.S. Gribble                                         |
| 54 | D.L. & Margaret R. Nutter                            |
| 55 | Molly V. Bassel, Widow, et al                        |
| 57 | Trustees of Seventh Day Baptist Church of Lost Creek |
| 58 | Porter & Bertha B. Maxwell, et al                    |
| 59 | Edna M. Swisher, Widow, et al                        |
| 60 | Doyle & Rebecca R. Kittle, et al                     |

TPK 3.1 WVDOT Division of Highways, Right of Way Division

| 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.                                                                                          |                                                                                                                                                                                                                                                                         |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes:</b> Well No. Scranage 1204 N-1H WVCS 1927, North Zone<br>Top Hole Coordinates<br>Lat: 39°09'19.98"<br>Lon: 80°19'31.29"<br>Landing Point Coordinates<br>Lat: 39°09'18.74"<br>Lon: 80°20'11.10"<br>Bottom Hole Coordinates<br>Lat: 39°11'44.83"<br>Lon: 80°21'15.85" | <b>Notes:</b> Well No. Scranage 1204 N-1H UTM NAD 1983 (USSF)<br>Top Hole Coordinates<br>N: 14,220,002.21'<br>E: 1,831,711.43'<br>Landing Point Coordinates<br>N: 14,219,854.50'<br>E: 1,828,577.96'<br>Bottom Hole Coordinates<br>N: 14,234,592.15'<br>E: 1,823,373.36' | <b>Notes:</b> Well No. Scranage 1204 N-1H UTM NAD 1983 (Meters)<br>Top Hole Coordinates<br>N: 4,334,265.342m<br>E: 558,306.760m<br>Landing Point Coordinates<br>N: 4,334,220.320m<br>E: 557,351.677m<br>Bottom Hole Coordinates<br>N: 4,338,712.365m<br>E: 555,765.312m |

FILE NO: 155-36-G-19  
DRAWING NO: Scranage 1204 N-1H 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: July 24 20 25  
OPERATOR'S WELL NO. Scranage 1204 N-1H  
API WELL NO  
47 — 033 — 06097  
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: Mount Clare  
DISTRICT: Grant COUNTY: Harrison  
SURFACE OWNER: David K. Scranage ACREAGE: 140  
ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al LEASE NO: ACREAGE: 140

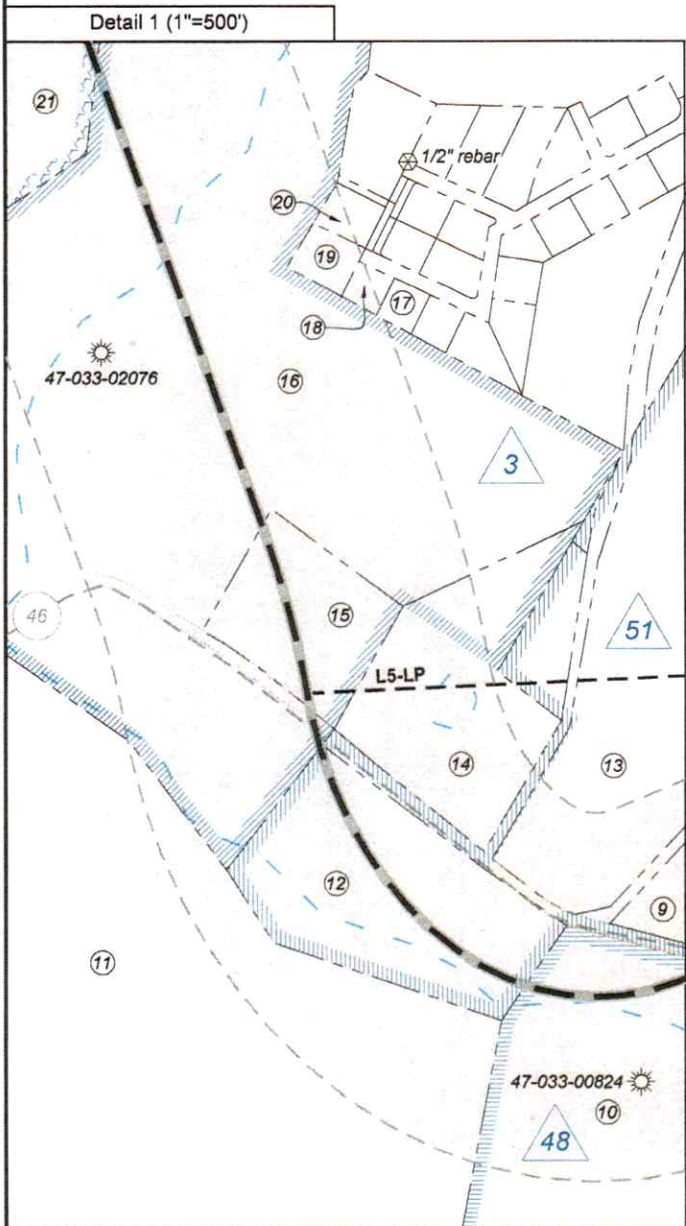
PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD 7,080' TVD  
☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,600' MD

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



| Harrison County |            |                                   |             |       |
|-----------------|------------|-----------------------------------|-------------|-------|
| No.             | TM / Par   | Owner                             | Bk / Pg     | Ac.   |
| 1               | 447 / 9    | David K. Scrannage                | 1259 / 986  | 56.48 |
| 2               | 447 / 13   | Sonja R. & James W. Rogers, et al | 1410 / 858  | 33.62 |
| 3               | 447 / 13.4 | Neal B. Swiger                    | 1593 / 942  | 11.83 |
| 4               | 447 / 13.3 | Neal B. Swiger                    | 1221 / 569  | 1.29  |
| 5               | 447 / 10.1 | Jeannie D. Gaston                 | 1377 / 1161 | 7.44  |
| 6               | 447 / 11   | Norma L. & James K. Golden, Jr.   | 1514 / 575  | 1.00  |
| 7               | 447 / 9.5  | Albert M. Taylor                  | 1399 / 309  | 10.02 |
| 8               | 447 / 9.4  | Anthony Gilberti                  | 1408 / 46   | 10.00 |
| 9               | 447 / 10   | Martin & Patricia A. Broderick    | 1602 / 963  | 10.88 |
| 10              | 447 / 27   | Alan M. Randolph, et al           | W143 / 212  | 63.11 |
| 11              | 447 / 6    | Thomas E. & Terri E. Hawkins      | 1558 / 1255 | 64.33 |
| 12              | 447 / 9.2  | Edson E. & Celestine Culver       | 1201 / 1348 | 8.03  |
| 13              | 427 / 46   | John E. Jefferson                 | 1153 / 588  | 23.93 |
| 14              | 447 / 7    | Lonnie J. & Connie S. Ward        | 1513 / 1089 | 6.42  |
| 15              | 427 / 28.2 | Stephen K. Hall                   | 1319 / 10   | 3.80  |

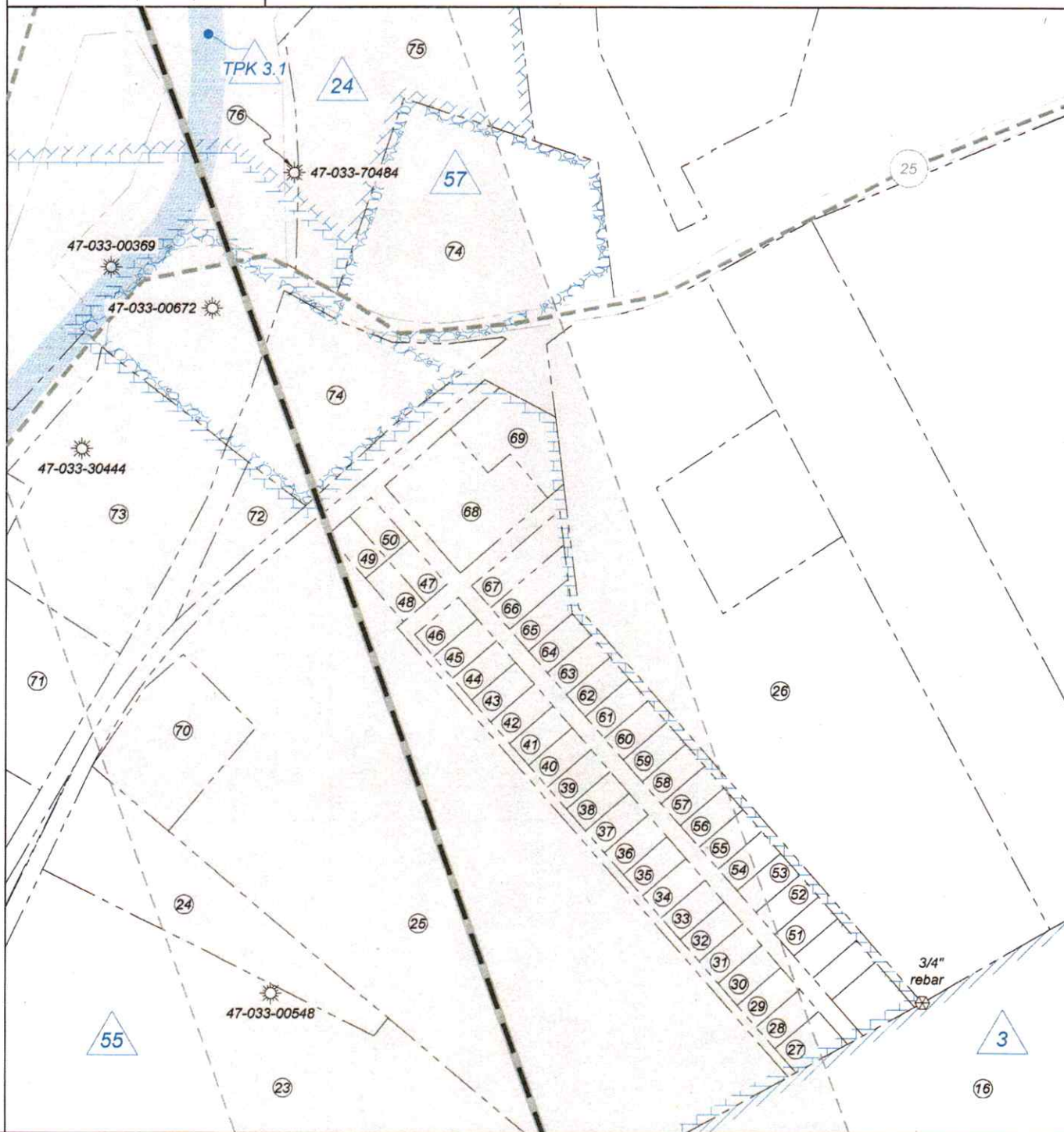
| Harrison County |            |                                        |             |        |
|-----------------|------------|----------------------------------------|-------------|--------|
| No.             | TM / Par   | Owner                                  | Bk / Pg     | Ac.    |
| 16              | 427 / 28   | Worthy C. Hall                         | 1577 / 627  | 248.44 |
| 17              | 427A / 11  | Tammy D. Ruble                         | 1485 / 975  | 0.28   |
| 18              | 427A / 12  | Joshua R. & Morgan J. Wilfong          | 1604 / 955  | 0.27   |
| 19              | 427A / 13  | Joshua R. & Morgan J. Wilfong          | 1604 / 955  | 0.55   |
| 20              | 427A / 14  | Donald & Laura Wiseman                 | 1457 / 1257 | 0.43   |
| 21              | 427 / 27   | Worthy C. Hall, et al                  | 1577 / 626  | 51.75  |
| 22              | 427 / 16   | Vicky & Reid Smith                     | 1336 / 710  | 4.21   |
| 23              | 427 / 17   | Lucas W. & Tiffany A. Blair            | 1729 / 988  | 8.94   |
| 24              | 427 / 18   | Rebecca A. Vanhorn                     | 1360 / 435  | 1.78   |
| 25              | 427 / 19   | Pamela S. Bennett                      | F123 / 503  | 10.98  |
| 26              | 427 / 20   | Arthur L. Pettito, Jr.                 | F97 / 675   | 9.70   |
| 27              | 2102 / 54  | NAJ, LLC.                              | 1713 / 1059 | 0.12   |
| 28              | 2102 / 53  | NAJ, LLC.                              | 1713 / 1059 | 0.11   |
| 29              | 2102 / 52  | NAJ, LLC.                              | 1713 / 1059 | 0.11   |
| 30              | 2102 / 51  | NAJ, LLC.                              | 1713 / 1059 | 0.11   |
| 31              | 2102 / 50  | NAJ, LLC.                              | 1713 / 1059 | 0.11   |
| 32              | 2102 / 49  | NAJ, LLC.                              | 1713 / 1059 | 0.11   |
| 33              | 2102 / 48  | Tammy L. Jett                          | 1658 / 909  | 0.11   |
| 34              | 2102 / 47  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 35              | 2102 / 46  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 36              | 2102 / 45  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 37              | 2102 / 44  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 38              | 2102 / 43  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 39              | 2102 / 42  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 40              | 2102 / 41  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 41              | 2102 / 40  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 42              | 2102 / 39  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 43              | 2102 / 38  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 44              | 2102 / 37  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 45              | 2102 / 36  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 46              | 2102 / 35  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 47              | 2102 / 34  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 48              | 2102 / 33  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 49              | 2102 / 32  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 50              | 2102 / 31  | Austin Gaspell                         | 1681 / 15   | 0.11   |
| 51              | 2102 / 27  | NAJ, LLC.                              | 1722 / 986  | 0.11   |
| 52              | 2102 / 26  | NAJ, LLC.                              | 1722 / 1016 | 0.11   |
| 53              | 2102 / 25  | NAJ, LLC.                              | 1713 / 1085 | 0.11   |
| 54              | 2102 / 24  | NAJ, LLC.                              | 1713 / 1085 | 0.11   |
| 55              | 2102 / 23  | Tammy L. Jett                          | 1658 / 909  | 0.11   |
| 56              | 2102 / 22  | Tammy L. Jett                          | 1658 / 909  | 0.11   |
| 57              | 2102 / 21  | Tammy L. Jett                          | 1658 / 909  | 0.11   |
| 58              | 2102 / 20  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 59              | 2102 / 19  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 60              | 2102 / 18  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 61              | 2102 / 17  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 62              | 2102 / 16  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 63              | 2102 / 15  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.11   |
| 64              | 2102 / 14  | Jennie M. Christopher, et al           | W170 / 698  | 0.11   |
| 65              | 2102 / 13  | Jennie M. Christopher, et al           | W170 / 698  | 0.14   |
| 66              | 2102 / 12  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.18   |
| 67              | 2102 / 11  | Bernard G. & Glenda F. Bailey          | 962 / 140   | 0.22   |
| 68              | 2102 / 7   | Bernard G. & Glenda F. Bailey          | 1726 / 810  | 0.80   |
| 69              | 2102 / 1   | Bernard G. & Glenda F. Bailey          | 1726 / 810  | 0.46   |
| 70              | 427 / 19.1 | Pamela S. Bennett (LE), et al          | 1777 / 325  | 1.02   |
| 71              | 427 / 1.9  | Charles R. Shock, II                   | 1368 / 201  | 5.96   |
| 72              | 427 / 4    | Virginia M. Metz (LE), et al           | 1757 / 109  | 0.43   |
| 73              | 427 / 1.1  | Charles R. Shock, II                   | 1368 / 201  | 2.75   |
| 74              | 427 / 5.1  | Trustees - Seventh Day Baptist Church  | G63 / 407   | 1.79   |
| 75              | 427 / 5    | Trustees - Seventh Day Baptist Church  | G63 / 407   | 4.01   |
| 76              | 427 / 42   | Trustees - Seventh Day Baptist Church  | G63 / 407   | 0.22   |
| 77              | 427 / 3    | Walter E. & David H. Nutter Foundation | W154 / 301  | 8.00   |
| 78              | 407 / 61   | Walter E. & David H. Nutter Foundation | W154 / 301  | 116.16 |
| 79              | 407 / 25   | Richard D. Mendez                      | W168 / 424  | 192.71 |
| 80              | 406 / 25   | Betty J. & Isaac H. Maxwell, III       | 1509 / 934  | 255.21 |
| 81              | 406 / 27   | James E. Stout                         | W161 / 306  | 129.53 |
| 82              | 407 / 2    | Mike Ross, Inc., et al                 | 1430 / 484  | 4.64   |
| 83              | 406 / 15   | Danny Haggerty, et al                  | 1746 / 683  | 42.11  |
| 84              | 407 / 1    | Danny Haggerty, et al                  | 1746 / 683  | 35.50  |
| 85              | 386 / 127  | Sherry L. Ricketts                     | W144 / 1014 | 35.98  |
| 86              | 386 / 104  | Sandra S. Hudkins Trust                | W207 / 378  | 165.18 |



|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |  |                                                                                          |  |                                                                                                                          |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|--|--------------------------------------------------------------------------------------------------------------------------|--|
| FILE NO: 155-36-G-19<br>DRAWING NO: Scrannage 1204 N-1H Well Plat<br>SCALE: 1" = 2000'<br>MINIMUM DEGREE OF ACCURACY: Submeter<br>PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  | STATE OF WEST VIRGINIA<br>DEPARTMENT OF ENVIRONMENTAL PROTECTION<br>OIL AND GAS DIVISION |  | DATE: July 24 20 25<br>OPERATOR'S WELL NO. Scrannage 1204 N-1H<br>API WELL NO<br>47 - 033 - 06097<br>STATE COUNTY PERMIT |  |
| WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL<br>(IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |                                                                                          |  |                                                                                                                          |  |
| LOCATION: ELEVATION: 1,247.6' WATERSHED: Lost Creek<br>DISTRICT: Grant<br>SURFACE OWNER: David K. Scrannage<br>ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al LEASE NO: ACREAGE: 140<br>PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION<br><input type="checkbox"/> PERFORATE NEW FORMATION <input checked="" type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD 7,080' TVD<br><input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,600' MD |  |                                                                                          |  |                                                                                                                          |  |
| WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White<br>ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road<br>Parkersburg, WV 26101 Parkersburg, WV 26101                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                                                                          |  |                                                                                                                          |  |



Detail 2 (1"=250')



FILE NO: 155-36-G-19

DRAWING NO: Scranage 1204 N-1H 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: July 24 20 25

OPERATOR'S WELL NO. Scranage 1204 N-1H

API WELL NO

47 - 033 - 06097  
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

SURFACE OWNER: David K. Scranage

ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al

LEASE NO: ACREAGE: 140

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☐ DRILL DEEPER ☒ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION  
☐ PERFORATE NEW FORMATION ☒ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD 7,080' TVD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,600' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

WW-6A1  
(5/13)

Operator's Well No. Scranage 1204 N-1H

**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<br>Number | Grantor, Lessor, etc. | Grantee, Lessee, etc. | Royalty | Book/Page |
|-------------------------|-----------------------|-----------------------|---------|-----------|
|-------------------------|-----------------------|-----------------------|---------|-----------|

\*\*See Attached Sheets\*\*

Co-Tenancy utilization - At least 75% of the royalty owners have consented to the lawful use or development of the natural gas mineral property on the tract. The interests of the remaining co-tenants will be secured pursuant to the Co-Tenancy Act

Horizontal Well Unit Utilization - Subject to unitization filing with the WV Oil and Gas Conservation Commission

**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: Accountant

**HG Energy II Appalachia, LLC**  
**Scranage 1204 N-1H Lease Chain**

| 1204N 1H Tract | LEGACY LEASE<br>NUMBER | TAX MAP                                                                                          | LEASE NUMBER | GRANTOR/LESSOR                                                                                  | GRANTEE/LESSEE                             | ROYALTY                                             | DEED BOOK | PAGE |
|----------------|------------------------|--------------------------------------------------------------------------------------------------|--------------|-------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|-----------|------|
| 3              | LC043731               | 12-427-0028-0000<br><br>12-427-0028-0002                                                         | Q100823000   | ALICE V. KNISLEY AND THOMAS J. KNISLEY, HER HUSBAND                                             | FISHER OIL COMPANY                         | NOT LESS THAN 1/8                                   | 119       | 258  |
|                |                        |                                                                                                  |              | FISHER OIL COMPANY                                                                              | OLANDUS WEST                               | DEED                                                | 156       | 77   |
|                |                        |                                                                                                  |              | OLANDUS WEST                                                                                    | JNO. T. P. O'BRIEN                         | ASSIGNMENT                                          | 155       | 407  |
|                |                        |                                                                                                  |              | JNO. T. P. O'BRIEN                                                                              | THE GRASELLI CHEMICAL COMPANY              | ASSIGNMENT                                          | 158       | 492  |
|                |                        |                                                                                                  |              | GRASELLI 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  |
|                |                        |                                                                                                  |              | 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 |
| 24             | LC066614               | p/o 13-0427-0048-0000<br><br>12-0407-0061-0000<br>p/o 13-0427-0048-0000<br><br>13-0427-0005-0000 | Q101092000   | JESSE C. STOUT AND LILLIAN E. STOUT, HIS WIFE; AND CORA STOUT                                   | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 775       | 195  |
|                |                        |                                                                                                  |              | COLEMAN AND LEE B. COLEMAN, HER HUSBAND                                                         | CONSOLIDATED GAS SUPPLY CORPORATION        | CONFIRMATORY DEED                                   | 903       | 179  |
|                |                        |                                                                                                  |              | HOPE NATURAL GAS COMPANY                                                                        | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT                                          | 1136      | 250  |
|                |                        |                                                                                                  |              | CONSOLIDATED GAS SUPPLY CORPORATION                                                             | CONSOLIDATED GAS TRANSMISSION CORPORATION  | ASSIGNMENT                                          | 51        | 795  |
|                |                        |                                                                                                  |              | 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 |
| 25             | LC021457               | 12-0407-0025-0000                                                                                | Q100548000   | E. H. STOUT AND V. E. STOUT, HIS WIFE                                                           | TRI STATE GAS COMPANY                      | NOT LESS THAN 1/8                                   | 141       | 502  |
|                |                        |                                                                                                  |              | WHEELING NATURAL GAS COMPANY, TRI STATE GAS COMPANY, AND THE MANUFACTURERS LIGHT AND HEAT COMPA | HOPE NATURAL GAS COMPANY                   | ASSIGNMENT                                          | 202       | 375  |
|                |                        |                                                                                                  |              | 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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|    |          |                                                                                                                                                                                               |            |                                               |                                            |                                                     |       |      |
|----|----------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|-----------------------------------------------|--------------------------------------------|-----------------------------------------------------|-------|------|
|    |          |                                                                                                                                                                                               |            | 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 |
|    |          |                                                                                                                                                                                               |            | 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  |
| 48 | LC004616 | p/o 12-0447-0027-0000                                                                                                                                                                         | Q100322000 | 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 |
| 51 | LC008505 | 12-0447-0009-0000<br>12-0447-0009-0002<br>12-0447-0009-0004<br>12-0447-0009-0005<br>p/o 12-0447-0010-0000<br>12-0427-0046-0000<br>12-0427-0047-0000<br>12-427A-0081-0000<br>12-427A-0082-0000 | 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 |
| 54 | LC008511 | 12-0427-0027-0000<br><br>12-0427-0033-0000<br>12-0427-0034-0000                                                                                                                               | Q100304000 | D. L. NUTTER AND MARGARET R. NUTTER, HIS WIFE | SOUTH PENN OIL COMPANY                     | NOT LESS THAN 1/8                                   | 121   | 172  |
|    |          |                                                                                                                                                                                               |            | 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   |
|    |          |                                                                                                                                                                                               |            | 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 |
| 55 | LC066783 | 13-0427-0001-0001<br>13-0427-0001-0002<br>13-0427-0001-0011<br>13-0427-0004-0000<br>13-0427-0003-0000<br>12-0427-0001-0000<br>12-0406-0048-0000<br>13-0427-0001-0003<br>THRU<br>13-0427-0001-0014<br>13-0427-0002-0000<br>13-0427-0013-0000<br>THRU<br>13-0427-0019-0000<br>13-0427-0019-0001<br>13-2103-0001-0000<br>13-2012-0001-0000<br>THRU<br>13-2012-0054-0000 | Q100886000 | MOLLIE V. BASSEL, WIDOW; WALTER D. NUTTER AND DORA H. NUTTER, HIS WIFE; DAVID H. NUTTER; BENJAMIN L. NUTTE;, F. F. EARP AND HETTIE EARP, HIS WIFE | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 780        | 586  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | JOSEPH C. QUINN AND RUTH D. QUINN, EACH IN HIS OWN RIGHT AND AS HUSBAND AND WIFE                                                                  | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 871        | 422  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | JOSEPH C. QUINN AND RUTH D. QUINN, HIS WIFE                                                                                                       | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 989        | 509  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | 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 |
| 57 | LC073786 | 12-0427-0005-0001                                                                                                                                                                                                                                                                                                                                                    | Q100715000 | TRUSTEES OF THE SEVENTH DAY BAPTIST CHURCH OF LOST CREEK                                                                                          | HOPE NATURAL GAS COMPANY                   | NOT LESS THAN 1/8                                   | 895        | 204  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | 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 |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | PORTER MAXWELL AND BERTHA B. MAXWELL, HUSBAND AND WIFE; AND W. BRENT MAXWELL AND LILLIE J. MAXWELL, HUSBAND AND WIFE                              | JOHN C. CHIDESTER                          | NOT LESS THAN 1/8                                   | 175        | 450  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | JOHN CHIDESTER                                                                                                                                    | THE PHILADELPHIA COMPANY OF WEST VIRGINIA  | ASSIGNMENT                                          | UNRECORDED |      |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | THE PHILADELPHIA COMPANY OF WEST VIRGINIA                                                                                                         | PITTSBURGH AND WEST VIRGINIA GAS COMPANY   | ASSIGNMENT                                          | 236        | 111  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | PITTSBURGH AND WEST VIRGINIA GAS COMPANY                                                                                                          | HOPE NATURAL GAS COMPANY                   | ASSIGNMENT                                          | 504        | 353  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | 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  |
|    |          |                                                                                                                                                                                                                                                                                                                                                                      |            | CONSOLIDATED GAS TRANSMISSION CORPORATION                                                                                                         | CNG TRANSMISSION CORPORATION               | MERGER/NAME CHANGE                                  |            |      |

|         |                      |                                        |                      |                                                                                                                                          |                                            |                                                     |                      |      |
|---------|----------------------|----------------------------------------|----------------------|------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------|-----------------------------------------------------|----------------------|------|
| 58      | LC052223             | 12-0406-0025-0000                      | Q101129000           | 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.                         | ASSIGNMENT                                          | 1543                 | 1235 |
|         |                      |                                        |                      | DOMINION TRANSMISSION, INC.                                                                                                              | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | ASSIGNMENT                                          | 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 |
| 59      | LC071374             | 12-0406-0015-0000<br>12-0407-0002-0000 | Q100581000           | EDNA M. SWISHER, WIDOW; CLARA VAN HORN, WIDOW; ROBERT M. MILEY AND RUTH MILEY, HIS WIFE; AND G. CHESTER MILEY AND GLADYS MILEY, HIS WIFE | CONSOLIDATED GAS SUPPLY CORPORATION        | NOT LESS THAN 1/8                                   | 988                  | 223  |
|         |                      |                                        |                      | 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 |
| 60      | LC076092             | 12-0407-0001-0000                      | Q100718000           | DOYLE KITTLE AND REBECCA R. KITTLE, HIS WIFE; NINA M. JOHNSTON, WIDOW; AND MARGARET E. EMERSON AND R. OMAR EMERSON, HER HUSBAND          | CONSOLIDATED GAS SUPPLY CORPORATION        | NOT LESS THAN 1/8                                   | 988                  | 223  |
|         |                      |                                        |                      | 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 |
| TPK 3.1 | HUO Docket # 405-491 | Historic Turnpike (Fairmont-Weston)    | HUO Doclet # 405-491 | West Virginia department of Transportation Division of Highways, Right of                                                                | HG ENERGY II APPALACHIA, LLC               | NOT LESS THAN 1/8                                   | HUO Docket # 405-491 |      |
|         |                      |                                        |                      |                                                                                                                                          |                                            |                                                     | HUO Docket # 405-491 |      |



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

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July 30, 2025

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

RE: Scranage 1204 N-1H Drill Permit Revision Request – (47-033-06097)  
Grant District, Harrison County  
West Virginia

Dear Mr. Blevins -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic, and WW-6A1) and a check for expedited service for the 1221 N-1H well work permit revision request. We ask the permit be modified to include additional acquired leases and revised plans for the lateral.

Please let me know if you have any questions or require additional information. I can be reached at (304) 420-1119 or [dwhite@hgenergyllc.com](mailto:dwhite@hgenergyllc.com).

Very truly yours,

*Diane White*

Diane C. White

Enclosures

cc: Jeff Propst – WV DEP State Inspector

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