



west virginia department of environmental protection

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

Harold D. Ward, Cabinet Secretary
www.dep.wv.gov

Wednesday, January 15, 2025
WELL WORK PERMIT
Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC
5260 DUPONT ROAD

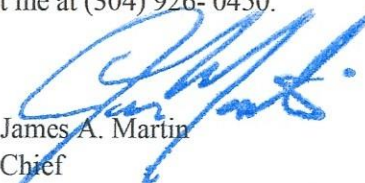
PARKERSBURG, WV 26101

Re: Permit approval for SCRANAGE 1204 N-5H
47-033-06049-00-00

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

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

Per 35 CSR 4-5.2.g this permit will expire in two (2) years from the issue date unless permitted well work is commenced. If there are any questions, please feel free to contact me at (304) 926- 0450.


James A. Martin
Chief

Operator's Well Number: SCRANAGE 1204 N-5H
Farm Name: DAVID K. SCRANAGE
U.S. WELL NUMBER: 47-033-06049-00-00
Horizontal 6A New Drill
Date Issued: 1/15/2025

Promoting a healthy environment.

01/17/2025

PERMIT CONDITIONS

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

CONDITIONS

1. This proposed activity may require permit coverage from the United States Army Corps of Engineers (USACE). Through this permit, you are hereby being advised to consult with USACE regarding this proposed activity.
2. If the operator encounters an unanticipated void, or an anticipated void at an unanticipated depth, the operator shall notify the inspector within 24 hours. Modifications to the casing program may be necessary to comply with W. Va. Code § 22-6A-5a (12), which requires drilling to a minimum depth of thirty feet below the bottom of the void, and installing a minimum of twenty (20) feet of casing. Under no circumstance should the operator drill more than one hundred (100) feet below the bottom of the void or install less than twenty (20) feet of casing below the bottom of the void.
3. When compacting fills, each lift before compaction shall not be more than 12 inches in height, and the moisture content of the fill material shall be within limits as determined by the Standard Proctor Density test of the actual soils used in specific engineered fill, ASTM D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort, to achieve 95 % compaction of the optimum density. Each lift shall be tested for compaction, with a minimum of two tests per lift per acre of fill. All test results shall be maintained on site and available for review.
4. Operator shall install signage per § 22-6A-8g (6) (B) at all source water locations included in their approved water management plan within 24 hours of water management plan activation.
5. Oil and gas water supply wells will be registered with the Office of Oil and Gas and all such wells will be constructed and plugged in accordance with the standards of the Bureau for Public Health set forth in its Legislative rule entitled *Water Well Regulations*, 64 C.S.R. 19. Operator is to contact the Bureau of Public Health regarding permit requirements. In lieu of plugging, the operator may transfer the well to the surface owner upon agreement of the parties. All drinking water wells within fifteen hundred feet of the water supply well shall be flow tested by the operator upon request of the drinking well owner prior to operating the water supply well.
6. Pursuant to the requirements pertaining to the sampling of domestic water supply wells/springs the operator shall, no later than thirty (30) days after receipt of analytical data provide a written copy to the Chief and any of the users who may have requested such analyses.
7. Notification shall be given by the operator to the Oil and Gas Inspector at least 24 hours prior to the construction of roads, locations and/or pits for any permitted work. In addition, the well operator shall notify the same inspector 24 hours before any actual well work is commenced and prior to running and cementing casing. Also, 24 hours prior to the initiation of the completion process the operator shall notify the Chief or his designee.
8. During the completion process the operator shall monitor annular pressures and report any anomaly noticed to the chief or his designee immediately.
9. If any explosion or other accident causing loss of life or serious personal injury occurs in or about a well or well work on a well, the well operator or its contractor shall give notice, stating the particulars of the explosion or accident, to the oil and gas inspector and the Chief, within 24 hours of said accident.
10. During the casing and cementing process, in the event cement does not return to the surface, the oil and gas inspector shall be notified within 24 hours.
11. The operator shall provide to the Office of Oil and Gas the dates of each of the following within 30 days of their occurrence: completion of construction of the well pad, commencement of drilling, cessation of drilling, completion of any other permitted well work, and completion of the well. Such notice shall be provided by sending an email to DEPOOGNotify@wv.gov.

01/17/2025

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

1) Well Operator: HG Energy II Appalachia, L.P. 494519932 Harrison Grant Mount Clare 7.5'
Operator ID County District Quadrangle

2) Operator's Well Number: Scranage 1204 N-5H Well Pad Name: Scranage 1204

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

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

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

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: 27,589'

11) Proposed Horizontal Leg Length: 18,864'

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 RECEIVED
Office of Oil and Gas

(a) If Yes, provide Mine Info: Name: _____ DEC 16 2024
 Depth: _____ WV Department of
 Seam: _____ Environmental Protection
 Owner: _____

K.W. 12/9/24

18)

CASING AND TUBING PROGRAM

| TYPE | Size (in) | New or Used | Grade | Weight per ft. (lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS: Left in Well (ft) | CEMENT: Fill-up (Cu. Ft.)/CTS |
|------------------|-----------|-------------|--------------|------------------------|----------------------------|------------------------------|-------------------------------|
| Conductor | 30" | New | LS | 157.5 | 120' | 120' ✓ | Drilled In |
| Fresh Water/Coal | 20" | NEW | J-55 | 94 | 1200' | 1200' ✓ | 40% excess, CTS |
| Intermediate 1 | 13 3/8" | NEW | J-55 BTC | 68 | 1855' | 1855' ✓ | 40% excess, CTS |
| Intermediate 2 | 9 5/8" | NEW | N / L-80 BTC | 40 | 5100' | 5100' ✓ | 40% excess tail, CTS ✓ |
| Production | 5 1/2" | NEW | P-110 HP | 23 | 27589' | 27589' ✓ | 20% excess tail, CTS ✓ |
| Tubing | | | | | | | |
| Liners | | | | | | | |

| TYPE | Size (in) | Wellbore Diameter (in) | Wall Thickness (in) | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | Cement Type | Cement Yield (cu. ft./k) |
|------------------|-----------|------------------------|---------------------|----------------------|--|-------------------|--|
| Conductor | 30" | 30" | .500 | | | | Drilled In |
| Fresh Water/Coal | 20" | 26" | .438 | 2110 | 1200 | Type 1, Class A ✓ | 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 |
| Tubing | | | | | | | |
| Liners | | | | | | | |

PACKERS

| | | | | | |
|-------------|--|--|--|--|--|
| Kind: | | | | | RECEIVED Office of Oil and Gas |
| Sizes: | | | | | DEC 16 2024 |
| Depths Set: | | | | | WV Department of Environmental Protection |

K.W. 12/9/24

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 18,864' lateral length, 27,589' 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 CaCl₂ 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 VBWOB Anil 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 Anil Foam / D891 - 0.03 gal / sack Retarder - 0% Excess
Intermediate 2 - "Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCl₂ 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc CaCl₂ 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 MPA17020/Tail: 14.3 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.

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*Note: Attach additional sheets as needed.

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*** 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 VWOB 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-5H
 Marcellus Shale Horizontal
 Harrison County, WV



| | | | | | | | | | | | |
|------------------|------------------|--|--|--|--|---------------|--|--|--------------------------|--|--|
| Ground Elevation | 1247.6' | | | | | 1204 N-5H SHL | | | 14219987.21N 1831711.5E | | |
| | 340.519° | | | | | 1204 N-5H LP | | | 14221640.03N 1834309.21E | | |
| | WELLBORE DIAGRAM | | | | | 1204 N-5H BHL | | | 14239420.6N 1828028.63E | | |
| | | | | | | | | | | | |

| HOLE | CASING | GEOLOGY | TOP | BASE | MUD | CEMENT | CENTRALIZERS | CONDITIONING | COMMENTS |
|------------------------|--------------------------------|-----------------------------------|-------------|------------------------|------------------------|--|---|---|---|
| 30" | 30" 157.5# LS | Conductor | 0 | 120 | AIR | N/A, Casing to be drilled in w/ Dual Rotary Rig | N/A | Ensure the hole is clean at TD. | Conductor casing = 0.5" wall thickness |
| 26" | 20" 94# J-55 | Fresh Water | 0 | 60,90,135,496, 640,728 | AIR | 15.6 ppg PNE-1 + 3% bwoc CaCl 40% Excess Yield=1.20 / CTS | Centralized every 3 joints to surface | Once casing is at setting depth, circulate a minimum of one hole volume with Fresh Water prior to pumping cement. | Surface casing = 0.438" wall thickness Burst=2110 psi |
| | | Coals | 0 | 272, 736, 1150 | | | | | |
| 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 <i>*will also be running ACP for isolating storage zone*</i> | Once casing is at setting depth, Circulate and condition at TD. Circulate a minimum of one hole volume prior to pumping cement. | Intermediate casing = 0.480" wall thickness Burst=3450 psi |
| | | Big Lime | 1273 | 1327 | | | | | |
| | | Injun / Gantz (Storage) | 1327 / 1658 | 1451 / 1728 | | | | | |
| | | Intermediate 1 | 0 | 1855 | | | | | |
| 12.25" | 9-5/8" 40# N / L- 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 | | | | | |
| | | Alexander | 4500 | 4670 | | | | | |
| Intermediate 2 | 0 | TVD: 4900' MD: 5100' Inc: 39 deg. | | | | | | | |
| 8.75" | 5-1/2" 23# P-110 HP TXP / W461 | Rhinestreet | 5603 | 6420 | 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 |
| Cashaqua | | 6420 | 6653 | 11.5ppg-12.5ppg SOBM | | | | | |
| Middlesex | | 6653 | 6748 | | | | | | |
| West River | | 6748 | 6859 | | | | | | |
| Burkett | | 6859 | 6894 | | | | | | |
| Tully Limestone | | 6894 | 6983 | | | | | | |
| Hamilton | | 6983 | 6753 | | | | | | |
| Marcellus | | 7049 | 7145 | | | | | | |
| TMD / TVD (Production) | | 27589 | 7080 | | | | | | |
| Onondaga | | 7145 | | | 11.5ppg-12.5ppg SOBM | | | | |

LP @ 7080' TVD / 8725' MD

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

+/-18864' ft Lateral

TD @ +/-7080' TVD
 +/-27589' MD

X=centralizers

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PROPOSAL TO DRILL WITHIN BHE GAS TRANSMISSION & STORAGE FIELD

FIELD/ZONES: BHE - FINK/KENNEDY/LOST CREEK -GANTZ SAND

WELL NAME: Scranage 1204 N-5H

Well # Scranage 1204 N-5H

DISTRICT/COUNTY/STATE: Grant / Harrison / WV

Submitted



JOSH HINTON
HG ENERGY II Appalachia, LLC

DATE

12/05/2024

Approved

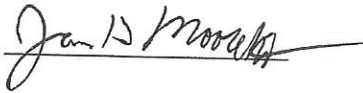


MATTHEW GORAKUZIK
Berkshire Hathaway Energy Company

DATE

12/5/2024

Approved



Berkshire Hathaway Energy Company

DATE

12/5/2024

Comments:

HG Energy II Appalachia, LLC, has submitted this Casing & Cementing diagram and Drilling Plan to Berkshire Hathaway Energy for review. This signed document acknowledges that BHE has reviewed the proposed casing program and the well's location within the Fink/Kennedy/Lost Creek storage field. This acknowledgement also confirms the proposed casing program is accurate to the proper storage zone as provided by HG Energy II Appalachia, LLC

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01/17/2025

WW-9
(4/16)

4703306049

API Number 47 - _____
Operator's Well No. Scrannage 1204 N-5H

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

FLUIDS/ CUTTINGS DISPOSAL & RECLAMATION PLAN

Operator Name HG Energy II Appalachia, LLC OP Code 494501907

Watershed (HUC 10) Lost Creek Quadrangle Mount Clare 7.5'

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

Will a pit be used? Yes No

If so, please describe anticipated pit waste: NA

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

Proposed Disposal Method For Treated Pit Wastes:

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

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

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

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

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

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

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

-Landfill or offsite name/permit number? See Attached

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

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

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

Company Official Signature Diane White

Company Official (Typed Name) Diane White

Company Official Title Agent

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WV Department of
Environmental Protection

Subscribed and sworn before me this 15th day of November, 2024

Notary Public

My commission expires 11/2/2026

K.W. 12/9/24



HG Energy II Appalachia, LLC

Proposed Revegetation Treatment: Acres Disturbed 21.29 Prevegetation pH _____

Lime _____ 3 Tons/acre or to correct to pH 6.5

Fertilizer type 10-20-20

Fertilizer amount _____ 500 lbs/acre

Mulch Hay _____ 2 Tons/acre

Seed Mixtures

Temporary

Permanent

| Seed Type | lbs/acre |
|---------------|-----------|
| Tall Fescue | <u>40</u> |
| Ladino Clover | <u>5</u> |

| Seed Type | lbs/acre |
|---------------|-----------|
| Tall Fescue | <u>40</u> |
| Ladino Clover | <u>5</u> |

Maintain E&S controls through the drilling and completion process

Attach:

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

Photocopied section of involved 7.5' topographic sheet.

Plan Approved by: Ky Wiest

Comments: Pre-seed/mulch as soon as reasonably possible per regulation.

Upgrade E&S if needed per WV DEP E&S manual.

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WV Department of
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Title: Oil & Gas Inspector

Date: 12/9/24

Field Reviewed? () Yes () No

HG Energy II Appalachia, LLC

Site Safety Plan

Scranage 1204

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

December 2024: Version 1

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

HG Energy II Appalachia, LLC

5260 Dupont Road

Parkersburg, WV 26101

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*K. W.
12/9/24*

2. Contractors

| CONTRACTORS | | | |
|-----------------------|--|------------------------------|------------------------------|
| Company | Address | Phone | 24 Hour Contact |
| Ryan Environmental | Bridgeport, WV | 1-800-649-5578 | 1-800-649-5578 |
| MEI | Washington, PA | 1-724-568-3623 | 1-724-568-3623 |
| Deep Well Services | Zelienople, PA | 412-216-6492 724-332-6161 | 304-539-2635 412-290-4670 |
| Boots & Coots | 79008 N. Sam Houston Pkwy Houston, TX 77064 | 1 (724) 743-8100 | |
| Cudd Pressure Control | 2828 Technology Forest Blvd The Woodlands TX | 1 (713) 849-2769 | |
| Wild Well Control | 2202 Oil Center Court Houston, TX 77073 | 1 (281) 784-4700 | |

3. DEP Office and Oil/Gas Inspector

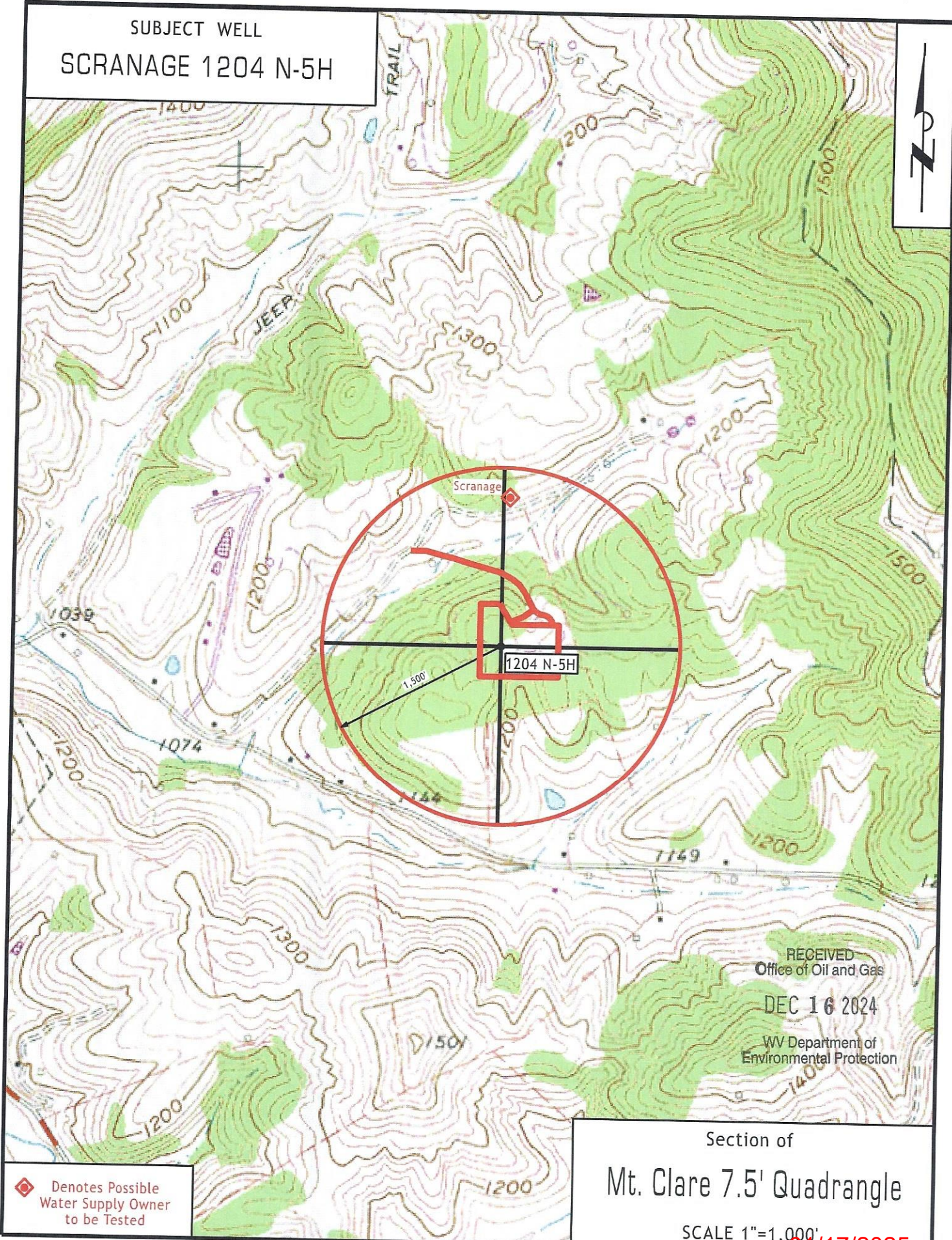
| REGULATORY AGENCIES | | | |
|---|---|------------------|--|
| Agency | Location | Phone | 24 Hour Contact |
| West Virginia Department of Environmental Protection (WV DEP) | 601 57th Street SE Charleston, WV 25304 | 1 (304) 926-0440 | |
| Office of Oil and Gas | 601 57th Street, SE Charleston, WV 25304-2345 | 1 (304) 926-0499 | 1 (800) 642-3074 (To Report Pollution and Emergency Spills) |
| Ken Willett Oil and Gas Inspector – Harrison County | 601 57th Street, SE Charleston, WV 25304 | 1 (681)-990-2567 | 1 (681)-990-2567 (24 Hour Voicemail) |
| Sam Ward Oil and Gas Supervisor | 601 57th Street, SE Charleston, WV 25304 | 1 (304)-389-7583 | 1 (304)-389-7583 (24 Hour Voicemail) |
| National Response Center (NRC) | c/o US Coast Guard (CG-5335) - Stop 7581 2100 2nd Street, SW Washington, DC 2059# | 1 (800) 424-8802 | 1 (800) 424-8802 |

RECEIVED
Office of Oil and Gas

DEC 16 2024

WV Department of
Environmental Protection

SUBJECT WELL
SCRANAGE 1204 N-5H



RECEIVED
Office of Oil and Gas
DEC 16 2024
WV Department of
Environmental Protection

◆ Denotes Possible
Water Supply Owner
to be Tested

Section of
Mt. Clare 7.5' Quadrangle
SCALE 1"=1,000'

01/17/2025

1,279' to Bottom Hole

9,552' to Top Hole

TOP HOLE LATITUDE 39 - 10 - 00
BTM HOLE LATITUDE 39 - 15 - 00

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

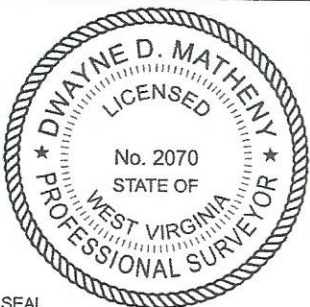
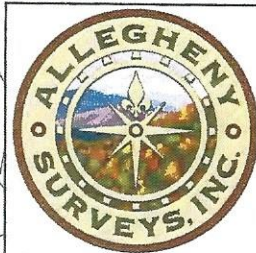
4,063' to Top Hole

14,945' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Scranage 1204 N-5H

Page 1 of 4

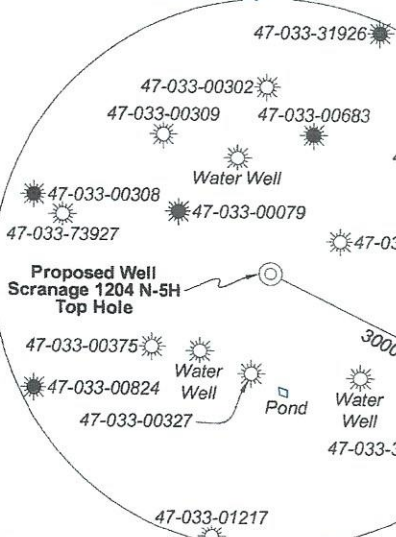
Match Line
(Page 1)



SEAL

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



GRID NORTH

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

| Tag | Bearing | Dist. | Monument |
|-----|------------|----------|-------------------|
| L1 | S 68°17' W | 1,161.1' | 47-033-00664 |
| L2 | N 06°28' W | 1,025.9' | 47-033-00327 |
| L3 | S 76°31' E | 1,347.1' | 5/8" Rebar w/ cap |
| L4 | S 49°12' E | 1,163.7' | 5/8" Rebar w/ cap |
| L5 | N 57°32' E | 3,079.0' | Landing Point |

FILE NO: 155-36-G-19
DRAWING NO: Scranage 1204 N-5H 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

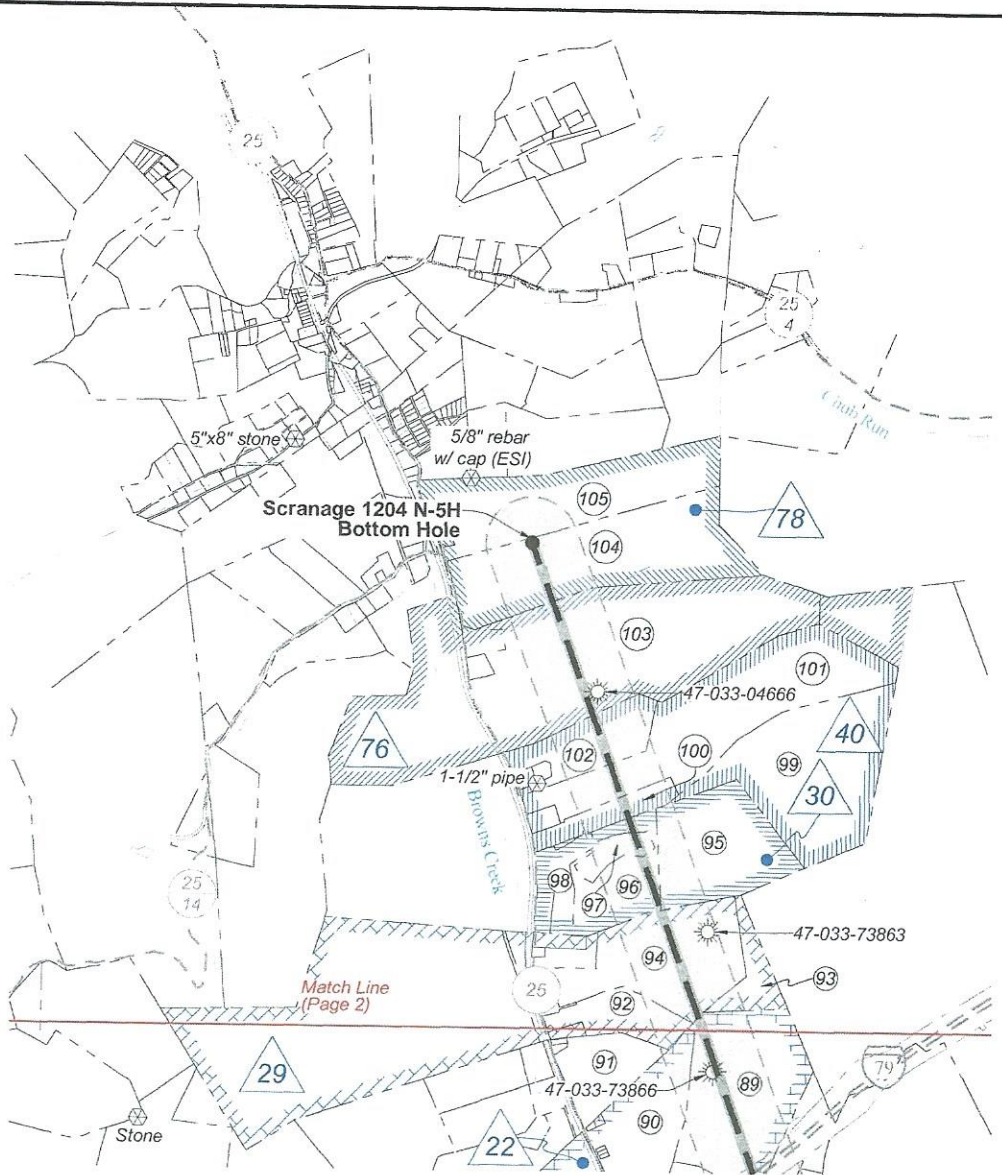
DATE: December 4 20 24
OPERATOR'S WELL NO. Scranage 1204 N-5H
API WELL NO
47 - 033 - 06049
STATE COUNTY PERMIT

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

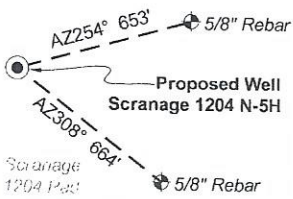
LOCATION: ELEVATION: 1,247.6' WATERSHED: Lost Creek QUADRANGLE: Mount Clare
DISTRICT: Grant COUNTY: Harrison
SURFACE OWNER: David K. Scranage ACREAGE: 56.48
ROYALTY OWNER: Waco Oil & Gas Co., Inc., et al LEASE NO: ACREAGE: 140
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD
27,590' 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

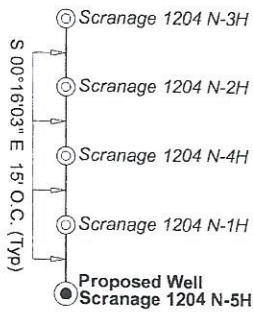
01/17/2025



Well Location References
Not to Scale



Wellhead Layout (NTS)



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.)

West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

UTM Zone 17, NAD 1983
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Notes: Well No. Scranage 1204 N-5H WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°09'19.83"
Lon: 80°19'31.29"
Landing Point Coordinates
Lat: 39°09'35.98"
Lon: 80°18'58.15"
Bottom Hole Coordinates
Lat: 39°12'32.24"
Lon: 80°20'16.26"

Notes: Well No. Scranage 1204 N-5H UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,219,987.21'
E: 1,831,711.50'
Landing Point Coordinates
N: 14,221,640.03'
E: 1,834,309.21'
Bottom Hole Coordinates
N: 14,239,420.60'
E: 1,828,028.63'

Notes: Well No. Scranage 1204 N-5H UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,334,260.770m
E: 558,306.782m
Landing Point Coordinates
N: 4,334,764.551m
E: 559,098.565m
Bottom Hole Coordinates
N: 4,340,184.079m
E: 557,184.241m

FILE NO: 155-36-G-19
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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: December 4 20 24
OPERATOR'S WELL NO. Scranage 1204 N-5H
API WELL NO
47 - 033 - 06049
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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

QUADRANGLE: Mount Clare
COUNTY: Harrison

SURFACE OWNER: David K. Scranage

ACREAGE: 56.48

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
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WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

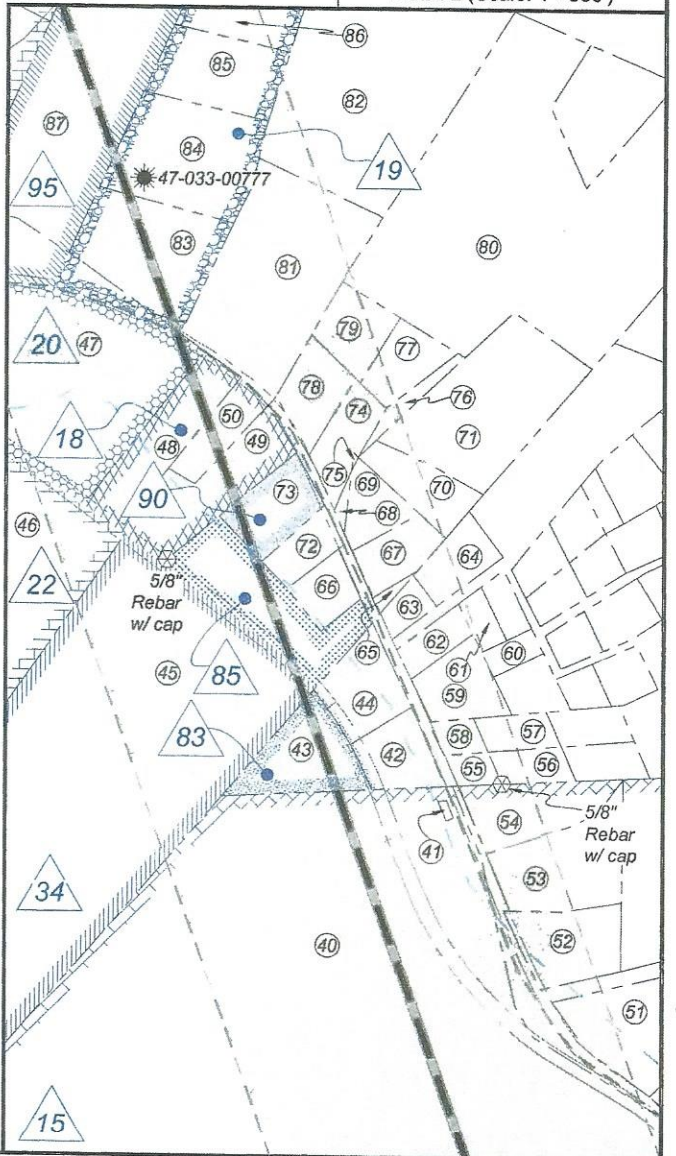
DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

01/17/2025

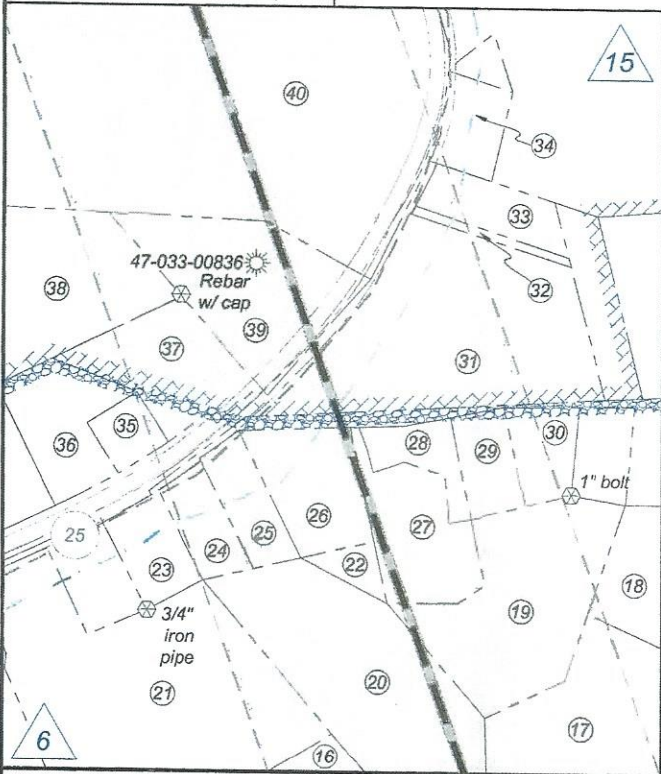


| ID | Lease |
|----|---|
| 5 | John M. Batten, et ux |
| 6 | Luther A. Bond, et ux |
| 15 | Rebecca & Clara Bond |
| 18 | Walter L. Wagoner, et al |
| 19 | Owen L. Paugh, et al |
| 20 | Keystone Buckeye Energy Holdings, et al |
| 22 | Bertsyle E. Bohn, et ux, et al |
| 29 | W.B. Fleming, et ux |
| 30 | Dana B. Bassel, et ux, et al |
| 34 | The John William Rymer Living Trust |
| 40 | Alice Jackson Benjamin, et vir |
| 51 | C.S. Gribble |
| 73 | J.C. McWhorter, et ux, et al |
| 75 | Thomas P. Myers, et al |
| 76 | Lorna J. Perry |
| 78 | Lorna J. Perry |
| 83 | The John William Rymer Living Trust |
| 85 | Matthew R. Baker, et ux |
| 90 | Rodney S. Popovich |
| 95 | R. Woodley & Avis A. Caynor |

Detail 2 (Scale: 1"=500')



Detail 1 (Scale: 1"=500')



FILE NO: 155-36-G-19

DRAWING NO: Scranage 1204 N-5H 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: December 4 20 24

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API WELL NO

47 - 033 - 06049
STATE COUNTY PERMIT

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DESIGNATED AGENT: Diane C. White

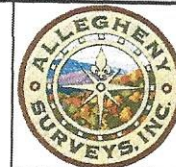
ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101

01/17/2025



| Harrison County | | | | |
|-----------------|-------------|--|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 447 / 9 | David K. Scranage | 1259 / 986 | 56.48 |
| 2 | 447 / 9.5 | Albert M. Taylor | 1399 / 309 | 10.02 |
| 3 | 447 / 13.4 | Neal B. Swiger | 1593 / 942 | 11.83 |
| 4 | 447 / 13 | Sonja R. & James W. Rogers, et al | 1410 / 858 | 33.62 |
| 5 | 447 / 14 | Troy A. Gorby | 1437 / 868 | 49.20 |
| 6 | 427 / 37 | John R. & Francis K. Alsbrooks | 1604 / 1043 | 30.00 |
| 7 | 448 / 5 | Patricia B. Helmick (LE), et al | 1752 / 690 | 139.80 |
| 8 | 427 / 38 | John R. & Francis K. Alsbrooks | 1604 / 1046 | 73.00 |
| 9 | 427 / 30.3 | Brenda Booth | 1574 / 1140 | 133.83 |
| 10 | 427 / 30.6 | Cory D. Cassidy | 1649 / 1285 | 8.81 |
| 11 | 427 / 30.1 | Gregory K. Rigdon | 1223 / 1140 | 71.88 |
| 12 | 427 / 51 | Gregory K. Rigdon | 1322 / 38 | 5.43 |
| 13 | 407 / 70.5 | Randy H. & Jennifer J. Hefner | 1347 / 789 | 23.10 |
| 14 | 427 / 49 | Steven L. & Jeral A. McGowan | 1369 / 994 | 6.01 |
| 15 | 427 / 53.2 | Gregory K. Rigdon | 1369 / 748 | 7.08 |
| 16 | 427 / 53.3 | Bobby C. & Taylor D. Thomas | 1638 / 68 | 13.50 |
| 17 | 407 / 69.4 | Steven L. & Jeral A. McGowan | 1369 / 994 | 6.01 |
| 18 | 407 / 69.7 | Amanda E. & Earnest J. Martin, II | 1534 / 609 | 2.07 |
| 19 | 407 / 69.6 | Amanda E. & Earnest J. Martin, II | 1534 / 609 | 4.70 |
| 20 | 407 / 69.8 | Amanda E. & Earnest J. Martin, II | 1534 / 609 | 6.02 |
| 21 | 407 / 69.10 | David & Nancy C. Barron | 1366 / 1257 | 10.02 |
| 22 | 407 / 69.9 | John N. & Mary C. Camenga | 1749 / 1305 | 0.41 |
| 23 | 2016 / 1 | Angela Lafferty | 1719 / 1071 | 1.06 |
| 24 | 2016 / 11 | Zachary L. & Julie A. Finster | 1628 / 1217 | 0.94 |
| 25 | 2016 / 10 | Zachary L. & Julie A. Finster | 1628 / 1217 | 1.04 |
| 26 | 2016 / 9 | John N. & Mary C. Camenga | 1749 / 1305 | 1.96 |
| 27 | 2016 / 8 | Claude & Alisha J. Saliga | 1258 / 254 | 2.18 |
| 28 | 2016 / 7 | Kevin A. & Hannah H. Hillberry | 1759 / 1091 | 0.85 |
| 29 | 2016 / 6 | Douglas G. & Debra A. Edwards | 1539 / 584 | 0.96 |
| 30 | 2016 / 5 | Richard L. & Sharon R. Hopkins | 1254 / 951 | 0.96 |
| 31 | 407 / 68 | Jane C. & Ronald R. Watson | 1179 / 397 | 6.88 |
| 32 | 407 / 68.2 | James R. McClain | 995 / 469 | 0.25 |
| 33 | 407 / 68.1 | Roselius Home Solutions, LLC | 1674 / 951 | 1.14 |
| 34 | 407 / 60.2 | Frank Mona, Jr. | 1365 / 1184 | 1.00 |
| 35 | 407 / 69.15 | Shalleen D. Worley | W199 / 442 | 0.59 |
| 36 | 407 / 69.16 | Shalleen D. Worley | W199 / 442 | 1.49 |
| 37 | 407 / 69.14 | Arthur W. & Melissa S. Loder | 1578 / 45 | 2.34 |
| 38 | 407 / 69.17 | Michael A. Stout & Stephanie J. Williams | 1414 / 1203 | 4.00 |
| 39 | 407 / 67 | John W. Rymer (LE), et al | 1765 / 284 | 3.78 |
| 40 | 407 / 59 | John W. Rymer (LE), et al | 1765 / 284 | 66.14 |
| 41 | 407 / 59.1 | Greater Harrison Co. PSD | 1424 / 1076 | 0.03 |
| 42 | 407 / 54 | Kennard L. McHenry | 1252 / 608 | 0.79 |
| 43 | 407 / 53 | John W. Rymer (LE), et al | 1765 / 284 | 1.25 |
| 44 | 407 / 53.1 | Gloria Aguilar | 1561 / 127 | 1.04 |
| 45 | 407 / 52 | John W. Rymer (LE), et al | 1765 / 284 | 24.00 |
| 46 | 407 / 32 | Bradford K. & Jessica D. Simons | 1766 / 436 | 21.28 |
| 47 | 407 / 35 | Earl R. & Rebecca S. Freeman | 1586 / 594 | 6.76 |
| 48 | 407 / 36 | W. Lawrence Wagoner | W146 / 485 | 1.40 |
| 49 | 407 / 37 | W. Lawrence Wagoner | W146 / 485 | 1.62 |
| 50 | 407 / 44 | W. Lawrence Wagoner | W146 / 485 | 0.63 |
| 51 | 407 / 57.1 | Kenneth N. & Mary M. Frazier | 1227 / 138 | 1.98 |
| 52 | 407 / 71 | John H. Curry, III | 1110 / 576 | 1.24 |
| 53 | 407 / 56 | John H. Curry | 1579 / 1288 | 1.77 |

| Harrison County | | | | |
|-----------------|------------|---------------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 54 | 407 / 56.3 | Judith A. & John H. Curry, III | 1554 / 1117 | 1.23 |
| 55 | 407A / 1 | Steven Z. Moody, et al | 1699 / 279 | 0.24 |
| 56 | 407A / 2 | Angela R. Yohe | 1195 / 124 | 0.42 |
| 57 | 407A / 5 | Timothy V. Gray, et al | 1350 / 976 | 0.44 |
| 58 | 407A / 6 | Heather N. Babcock | 1601 / 754 | 0.27 |
| 59 | 407A / 7 | James E. & Pamela S. Fletcher | 1249 / 740 | 0.87 |
| 60 | 407A / 11 | Timothy V. Gray, et al | 1350 / 976 | 0.26 |
| 61 | 407A / 9 | Daniel E. & Barbara D. Wright | 1150 / 776 | 0.26 |
| 62 | 407A / 8 | David R. & Elsie G. Hughes | 986 / 689 | 0.42 |
| 63 | 407A / 15 | Kevin M. Jenkins, et al | 1747 / 1079 | 0.16 |
| 64 | 407A / 16 | Kevin M. Jenkins, et al | 1747 / 1079 | 0.69 |
| 65 | 407 / 41.1 | Barbara A. Jenkins | W189 / 57 | 0.08 |
| 66 | 407 / 40.1 | Kenneth L. Blake | W199 / 957 | 0.53 |
| 67 | 407 / 41 | Seth M. Skinner | 1585 / 874 | 0.70 |
| 68 | 407 / 43.1 | Brad & Jessica Simons | 1756 / 320 | 0.04 |
| 69 | 407 / 42 | Brad Simons | 1314 / 478 | 0.62 |
| 70 | 407 / 47.1 | Brad & Jessica Simons | 1756 / 320 | 0.86 |
| 71 | 407 / 47 | Tami Simons | 1627 / 700 | 3.15 |
| 72 | 407 / 39 | Eric T. Carter & Trisha L. Cunningham | 1559 / 242 | 0.53 |
| 73 | 407 / 38 | Steve Popovich, Jr. Estate, et al | W186 / 1138 | 0.98 |
| 74 | 407 / 43.3 | Tanner N. Simons | 1756 / 330 | 0.71 |
| 75 | 407 / 42.3 | Tami Simons | 1756 / 316 | 0.01 |
| 76 | 407 / 43 | Tami Simons | 1711 / 125 | 0.39 |
| 77 | 407 / 43.2 | Tami Simons | 1756 / 337 | 0.71 |
| 78 | 407 / 43.4 | Tami Simons | 1756 / 337 | 0.71 |
| 79 | 407 / 43.5 | Tami Simons | 1756 / 337 | 0.71 |
| 80 | 407 / 46.2 | Mary E. Venettozzi | 1147 / 578 | 12.50 |
| 81 | 407 / 45 | William A. & Amy J. Thomsen | 1621 / 972 | 3.30 |
| 82 | 407 / 46.3 | Travis L. Johnson | 1582 / 1142 | 5.66 |
| 83 | 407 / 34.1 | Rebecca J. Venettozzi | 1036 / 928 | 2.61 |
| 84 | 407 / 34 | Rebecca J. Venettozzi | 1036 / 928 | 6.41 |
| 85 | 407 / 34.2 | Michael E. Venettozzi | 1344 / 742 | 1.54 |
| 86 | 407 / 34.3 | Michael E. Venettozzi | 1319 / 1221 | 2.28 |
| 87 | 407 / 33 | Avis A. Caynor | 1154 / 1039 | 6.73 |
| 88 | 407 / 32.2 | Crawlers, LLC | 1681 / 1158 | 6.00 |
| 89 | 407 / 22 | Crawlers, LLC | 1681 / 1158 | 36.00 |
| 90 | 407 / 21 | Nancy J. Stout Jenkins | 1029 / 709 | 28.33 |
| 91 | 407 / 13 | Richard P. & Christina L. Smeal | 1548 / 153 | 19.30 |
| 92 | 407 / 9 | Candy Wheeler | 1229 / 17 | 12.56 |
| 93 | 387 / 63 | G. Andrew Lang, et al | 1476 / 763 | 9.25 |
| 94 | 387 / 62 | Mt. Clare Valley Farm, LLC | 1571 / 361 | 39.06 |
| 95 | 387 / 41 | Tyler & Tiffany Dodd | 1571 / 436 | 41.49 |
| 96 | 387 / 41.5 | Tyler & Tiffany Dodd | 1571 / 436 | 11.10 |
| 97 | 387 / 41.6 | Heather D. Florence, et al | 1760 / 1 | 5.00 |
| 98 | 387 / 41.1 | Elisa R. Kearns | 1413 / 1291 | 7.84 |
| 99 | 387 / 42 | G. Andrew & Lisa Q. Lang | 1541 / 586 | 55.20 |
| 100 | 387 / 39 | Ginger D. Wheeler | 1354 / 1289 | 8.59 |
| 101 | 387 / 31 | John D. Dotson | 1446 / 1000 | 59.82 |
| 102 | 387 / 30 | Mary C. Williams | 906 / 237 | 18.59 |
| 103 | 387 / 29 | Lorna J. Perry | 1140 / 1146 | 145.26 |
| 104 | 387 / 23 | Lorna J. Perry | 950 / 720 | 60.80 |
| 105 | 387 / 22 | Ronald H. Rogers | 948 / 635 | 49.74 |

FILE NO: 155-36-G-19

DRAWING NO: Scranage 1204 N-5H 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: December 4, 2024

OPERATOR'S WELL NO. Scranage 1204 N-5H

API WELL NO

47 - 033 - 06049
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

QUADRANGLE: Mount Clare

SURFACE OWNER: David K. Scranage

COUNTY: Harrison

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

LEASE NO:

ACREAGE: 56.49

ACREAGE: 140

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PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,080' TVD
27,590' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101

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

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

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

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

See Attached Sheets

**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

RECEIVED
Office of Oil and Gas
DEC 16 2024
WV Department of
Environmental Protection

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

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

HG Energy II Appalachia, LLC
Scrannage 1204 N-5H Lease Chains

| 1204N-5H Tract | LEGACY LEASE NUMBER | TAX MAP | LEASE NUMBER | GRANTOR/LESSOR | GRANTEE/LESSEE | ROYALTY | DEED BOOK | PAGE | | | | | |
|---|--|---|--------------|---|--|--|------------|---|--------------------------------|-------------------|-----|-----|-----|
| / 5 | LC008481 | 12-0427-0030-0006 p/o 12-0427-0030-0001 p/o 12-0427-0030-0002 p/o 12-0427-0030-0003 p/o 12-0427-0030-0009 | Q100302000 | JOHN M. BATTEN AND S. A. BATTEN, HIS WIFE | I. M. KELLEY AND W. A. BATTEN | NOT LESS THAN 1/8 | 116 | 473 | | | | | |
| | | | | I. M. KELLEY AND W. A. BATTEN | SOUTH PENN OIL COMPANY | ASSIGNMENT | | 112 | 366 | | | | |
| | | | | 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%) | | LEWIS 736 | 220 | | | | |
| | | | | / 6 | LC043716 | 12-0407-0069-0004 THRU 12-0407-0069-0010 12-0427-0011-0000 12-0427-0012-0000 THRU 12-0427-0012-0007 12-0427-0012-0009 12-0427-0012-0011 THRU 12-0427-0012-0017 12-0427-0049-0000 12-0427-0050-0000 12-0427-0050-0001 12-0427-0053-0000 12-0427-0053-0001 12-0427-0053-0002 12-2016-0001-0000 THRU 12-2016-0012-0000 | Q100523000 | LUTHER A. BOND AND JOSIE BOND, HIS WIFE | OWEN WEST | NOT LESS THAN 1/8 | 159 | 215 | |
| | | | | | | | | OWEN WEST | OLANDUS WEST | ASSIGNMENT | | 157 | 408 |
| | | | | | | | | OLANDUS WEST | THE GRASSELLI CHEMICAL COMPANY | ASSIGNMENT | | 159 | 99 |
| THE GRASSELLI CHEMICAL COMPANY | THE GRASSELLI CHEMICAL 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 | | | | |
| 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 | | | | |
| | | 12-0407-0069-0004 THRU 12-0407-0069-0010 12-0427-0011-0000 12-0427-0012-0000 THRU 12-0427-0012-0007 | | | | | | LUTHER A. BOND AND JOSIE BOND, HIS WIFE | OWEN WEST | NOT LESS THAN 1/8 | 159 | 215 | |
| | | | | | | | | OWEN WEST | OLANDUS WEST | ASSIGNMENT | | 157 | 408 |
| | | | | OLANDUS WEST | THE GRASSELLI CHEMICAL COMPANY | ASSIGNMENT | | 159 | 99 | | | | |
| | | | | THE GRASSELLI CHEMICAL COMPANY | THE GRASSELLI CHEMICAL 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 | | | | |

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|---|--|--|------------|---|--|--|------------|---|---|-------------------|------|-----|
| 6.1, 6.14, 6.17, 6.18, 6.36 | LC043716 | 12-0427-0012-0001 12-0427-0012-0009 12-0427-0012-0011 THRU 12-0427-0012-0017 12-0427-0049-0000 12-0427-0050-0000 12-0427-0050-0001 12-0427-0053-0000 12-0427-0053-0001 12-0427-0053-0002 12-2016-0001-0000 THRU 12-2016-0012-0000 | Q100523000 | 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 | | | | |
| | | | | | | | 140 | 537 | | | | |
| | | | | 15.8, 15.14 | LC008537 | 12-0407-0056-0000 12-0407-0056-0001 12-0407-0056-0002 12-0407-0056-0003 12-0407-0056-0004 12-0407-0057-0001 12-0407-0057-0002 12-0407-0057-0003 12-0407-0059-0000 12-0407-0059-0001 12-0407-0060-0000 12-0407-0060-0001 12-0407-0060-0002 12-0407-0067-0000 12-0407-0068-0000 12-0407-0068-0001 12-0407-0068-0002 12-0407-0068-0003 12-0407-0069-0000 12-0407-0069-0014 12-0407-0069-0017 12-0407-0071-0000 | Q101004000 | REBECCA BOND AND CLARA BOND | SOUTH PENN OIL COMPANY | NOT LESS THAN 1/8 | 204 | 402 |
| SOUTH PENN OIL COMPANY | HOPE NATURAL GAS COMPANY | ASSIGNMENT | 903 | | | | | 179 | | | | |
| HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 1136 | | | | | 250 | | | | |
| CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 51 | | | | | 795 | | | | |
| CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 58 | | | | | 362 | | | | |
| CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 1522 | | | | | 33 | | | | |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1524 | | | | | 491 | | | | |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1543 | | | | | 1235 | | | | |
| CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1576 | | | | | 125 | | | | |
| DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1584 | | | | | 942 | | | | |
| CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1600 | | | | | 692 | | | | |
| NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | WVSOS | | | | | | | | | |
| DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | 1601 | | | | | 581 | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | | | | | 1295 | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1637 | | | | | 1081 | | | | |
| DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT (68%) | | | | | | | | | | |
| | | | 779 | | | | | 141 | | | | |
| 18.1 | LC066730 | 12-0407-0036-0000 12-0407-0037-0000 12-0407-0044-0000 | Q101097000 | | | | | WALTER L. WAGONER AND MOYNE B. WAGONER, HIS WIFE, AND EACH IN HIS OWN RIGHT | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 294 | 89 |
| | | | | | | | | HOPE NATURAL GAS COMPANY | CONSOLIDATED GAS SUPPLY CORPORATION | CONFIRMATORY DEED | 1136 | 250 |
| | | | | | | | | CONSOLIDATED GAS SUPPLY CORPORATION | CONSOLIDATED GAS TRANSMISSION CORPORATION | ASSIGNMENT | 51 | 795 |
| | | | | CONSOLIDATED GAS TRANSMISSION CORPORATION | CNG TRANSMISSION CORPORATION | MERGER/NAME CHANGE | 58 | 362 | | | | |
| | | | | CNG TRANSMISSION CORPORATION | DOMINION TRANSMISSION, INC. | MERGER/NAME CHANGE | 1522 | 33 | | | | |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1524 | 491 | | | | |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | FIRST AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1543 | 1235 | | | | |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | LIMITED PARTIAL ASSIGNMENT (50%) | 1576 | 125 | | | | |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC AND NOBLE ENERGY, INC. | PARTIAL ASSIGNMENT (32%) | 1584 | 942 | | | | |
| | | | | CNX GAS COMPANY LLC | NOBLE ENERGY, INC. | ASSIGNMENT | 1600 | 692 | | | | |
| | | | | NOBLE ENERGY, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | WVSOS | | | | | |
| | | | | DOMINION TRANSMISSION, INC. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | 1601 | 581 | | | | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | SECOND AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1621 | 1295 | | | | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | THIRD AMENDMENT TO MEMORANDUM OF FARMOUT AGREEMENT | 1637 | 1081 | | | | |
| | | | | DOMINION ENERGY TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT (68%) | | | | | | |
| | | | | | | | 781 | 61 | | | | |

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|---|---|--|---|--|--|---|-------|------|
| 19 | LC066795 | 12-0407-0034-0000 12-0407-0034-0001 12-0407-0034-0002 12-0407-0034-0003 | Q100887000 | 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 |
| 20 | 12-407-35 | HGII02946 | HGII02946 | Keystone Buckeye Energy Holdings, LLC | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1750 | 118 |
| | | HGII02960 | HGII02960 | Johnson Energy Services, LLC | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1750 | 116 |
| | | HGII02929 | HGII02929 | DT Land Services, LLC | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1750 | 120 |
| | | HGII02961 | HGII02961 | Sarver Road Enterprises, LLC | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1750 | 122 |
| | | HGII02903 | HGII02903 | Lisa Stout Rogers | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 764 |
| | | HGII02902 | HGII02902 | Sara Luanne Richardson | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 766 |
| | | HGII02574 | HGII02574 | Deborah Sotir Donahue fka Deborah Darlene Stout Sotir | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 583 |
| | | HGII02543 | HGII02543 | Belinda Nanetta Stout McLaughlin | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 125 |
| | | HGII02291 | HGII02291 | David Neil Stout | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1731 | 590 |
| | | HGII04177 | HGII04177 | John "J.D." David Stout AKA John David Stout AKA John D. Stout | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1767 | 200 |
| | | HGII04178 | HGII04178 | Rebecca "Becky" S. Freeman AKA Rebecca Stout Freeman AKA | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1767 | 202 |
| | | HGII04198 | HGII04198 | Trela Rose Jackson AKA Trela Rose Stout Jackson | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 764 |
| | | HGII02580 | HGII02580 | David Neil Stout | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 581 |
| | | HGII02602 | HGII02602 | Sara Luanne Richardson | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 766 |
| HGII02603 | HGII02603 | Lisa Stout Rogers | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1737 | 764 | | |
| 22.3, 22.7 | LC108131 | 12-0407-0015-0000 12-0407-0016-0000 12-0407-0017-0000 12-0407-0018-0000 12-0407-0019-0000 12-0407-0020-0000 12-0407-0021-0000 12-0407-0022-0000 12-0407-0022-0001 12-0407-0028-0000 12-0407-0030-0000 12-0407-0030-0001 12-0407-0030-0002 12-0407-0032-0000 12-0407-0032-0001 12-0407-0032-0002 12-0407-0032-0003 12-0407-0050-0000 | Q100954000 | BERTSYLE E. BOHN AND BETTIE BOHN, HIS WIFE; AND MOYNE B. WAGONER AND WALTER WAGONER, HER HUSBAND | CONSOLIDATED GAS SUPPLY CORPORATION | NOT LESS THAN 1/8 | 1025 | 658 |
| | | | | 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 | NOT LESS THAN 1/8 | 1551 | 969 |
| | | | | 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 |
| WV Department of Environmental Protection RECEIVED Office of Oil and Gas DEC 16 2024 | 11-0387-0047-0000 11-0387-0048-0000 11-0387-0049-0000 11-0387-0050-0000 11-0387-0052-0000 11-0387-0052-0001 11-0387-0053-0000 | W. B. FLEMING AND LOUISE M. FLEMING, HIS WIFE HOPE NATURAL GAS COMPANY JOSEPH C. QUINN AND RITH D. QUINN, EACH IN HIS OWN RIGHT AND AS HUSBAND AND WIFE (50%) CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CNG TRANSMISSION CORPORATION | HOPE NATURAL GAS COMPANY CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS SUPPLY CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION CONSOLIDATED GAS TRANSMISSION CORPORATION DOMINION TRANSMISSION, INC. | 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 |
| | | | | NOBLE ENERGY, INC. | NOBLE ENERGY, INC. | ASSIGNMENT | 1584 | 942 |

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| | | | | | | | | |
|---|--|---|------------|---|--|---|------------|--------------------------|
| 29 | LC069780 | 11-0387-0054-0000 11-0387-0055-0000 11-0387-0056-0000 11-0387-0057-0000 11-0387-0058-0000 11-0387-0059-0000 11-0387-0060-0000 11-0387-0061-0000 11-0387-0062-0000 11-0387-0063-0000 12-0407-0009-0000 | Q101127000 | 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 |
| | | | | PAUL C. WHITE AND SARABEL WHITE, HIS WIFE | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 840 | 320 |
| | | | | DANA B. BASSEL AND BERNICE BASSEL, HIS WIFE; DORA B. BASSEL, WIDOW; MARJORIE B. SWISHER AND JAMES H. SWISHER, HER HUSBAND; JEAN E. LOOFBORO AND JOHN D. LOOFBORO, HER HUSBAND; JOHN W. BASSEL AND IRENE T. BASSEL, HIS WIFE; RICHARD H. BASSEL AND ALLENE S. BASSEL, HIS WIFE; GERALDINE NUTTER AND ALFRED R. NUTTER, HER HUSBAND; AND JAMES E. BASSEL AND MARGARET L. BASSEL, HIS WIFE | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 842 | 617 |
| | | | | 30 | LC069779 | 12-0387-0041-0000 12-0387-0041-0001 12-0387-0041-0003 12-0387-0041-0004 12-0387-0041-0005 | Q100851000 | HOPE NATURAL GAS COMPANY |
| 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 | | | | |
| 34 | HGII02367 | 12-0407-0052-0000 | HGII02367 | The John William Rymer Living Trust | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1732 | 840 |
| 40 | CNX140843 | 12-0387-0030-0000 12-0387-0030-0001 12-0387-0030-0002 12-0387-0031-0000 12-0387-0038-0000 12-0387-0039-0000 12-0387-0042-0000 | CNX140843 | ALICE JACKSON BENJAMIN AND ALBERT BENJAMIN | CONSOLIDATED GAS SUPPLY CORPORATION | NOT LESS THAN 1/8 | 975 | 618 |
| | | | | 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. | DOMINION ENERGY TRANSMISSION, INC. | MERGER/NAME CHANGE | WVSOS | |
| | | | | DOMINION TRANSMISSION, INC. | CNX GAS COMPANY LLC | MEMORANDUM FARMOUT AGREEMENT | 1522 | 33 |
| | | | | DOMINION TRANSMISSION, INC. | HG ENERGY II APPALACHIA, LLC | ASSIGNMENT | 1722 | 728 |
| | | | | CNX GAS COMPANY LLC | SOUTH PENN OIL COMPANY | NOT LESS THAN 1/8 | 121 | 152 |
| 51 | LC008505 | 12-0447-0009-0000 12-0447-0009-0001 12-0447-0009-0002 12-0447-0009-0004 12-0447-0009-0005 12-0447-0006-0000 12-0447-0047-0000 | Q100925000 | C. S. GRIBBLE | HOPE NATURAL GAS COMPANY | ASSIGNMENT | 204 | 402 |
| | | | | SOUTH PENN OIL COMPANY | HOPE NATURAL GAS COMPANY | CONFIRMATORY DEED | 903 | 179 |
| | | | | 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 | |

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|------------------------------------|------------------------------|-------------------|------------|---|--|---|-------|------|
| | | | | 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 |
| / 73 | LC066660 | 12-0427-0037-0000 | Q100531000 | J. C. MCWHORTER AND GRACE A. MCWHORTER, HIS WIFE; IDEN MCWHORTER AND OKLA MCWHORTER, HIS WIFE; AND THELMA VIRGINIA VINCENT, WIDOW | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 776 | 243 |
| | | | | 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 | | | | |
| / 75 | LC073079 | 12-0427-0038-0000 | Q100945000 | THOMAS PAUL MYERS AND NORA E. MYERS, EACH IN HIS OWN RIGHT AND AS HUSBAND AND WIFE | HOPE NATURAL GAS COMPANY | NOT LESS THAN 1/8 | 886 | 113 |
| | | | | 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 |
| / 76 | HGII02989 | 12-387-29 | HGII02989 | Lorna J. Perry | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1751 | 518 |
| / 78 | HGII02989 | 12-387-23 | HGII02989 | Lorna J. Perry | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1751 | 518 |
| / 83 | HGII02367 | 12-0407-0053-0000 | HGII02367 | The John William Rymer Living Trust | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1732 | 840 |
| / 85 | HGII02324 | 12-407-40 | HGII02324 | Matthew R Baker and Shikia D Baker, husband and wife, | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1732 | 114 |
| / 90 | HGII02356 | 12-407-38 | HGII02356 | Rodney S, Popovich | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1732 | 763 |
| / 95 | HGII02463 | 12-407-33 | HGII02463 | R. Woodley and Avis Ann Caynor | HG ENERGY II APPALACHIA, LLC | NOT LESS THAN 1/8 | 1735 | 918 |

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4703306049

HG Energy II Appalachia, LLC

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

4703306049

November 13, 2024

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

RE: Drilling Under Roads – Scranage 1204 N-5H
Grant District, Harrison County
West Virginia

Dear Mr. Blevins -

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

Should you have any questions or desire further information, please contact me at dwhite@hgenergyllc.com or 304-420-1119.

Very truly yours,

Diane White

Diane C. White

Enclosures

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01/17/2025

WW-PN
(11-18-2015)

Horizontal Natural Gas Well Work Permit Application Notice By Publication

Notice is hereby given:

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

Paper: The Exponent Telegram Newspaper

Public Notice Date: Wednesday, November 6th & Wednesday, November 13th, 2024

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

Applicant: HG Energy II Appalachia, LLC **Well Number:** Scrantage 1204 N-5H

Address: 5260 Dupont Road
Parkersburg, WV 26101

Business Conducted: Natural gas production.

Location –

State: West Virginia County: Harrison
District: Grant Quadrangle: Mt Clare 7.5'
UTM Coordinate NAD83 Northing: 4334260.8
UTM coordinate NAD83 Easting: 558306.8
Watershed: Lost Creek

Coordinate Conversion:

To convert the coordinates above into longitude and latitude, visit: http://tagis.dep.wv.gov/convert/llutm_conus.php

Electronic notification:

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

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Reviewing Applications:

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

Submitting Comments:

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

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

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

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

Date of Notice Certification: 11/15/2024

API No. 47- _____
Operator's Well No. Scranage 1204 N-1H thru S-12H
Well Pad Name: Scranage Well Pad

Notice has been given:

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

| | |
|--------------------------------|---|
| State: <u>West Virginia</u> | UTM NAD 83 Easting: <u>558306.8</u> |
| County: <u>Harrison</u> | Northing: <u>4334265.4</u> |
| District: <u>Grant</u> | Public Road Access: <u>Rices Run Road</u> |
| Quadrangle: <u>Mount Clare</u> | Generally used farm name: <u>Scranage</u> |
| Watershed: <u>Lost Creek</u> | |

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

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

Required Attachments:

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

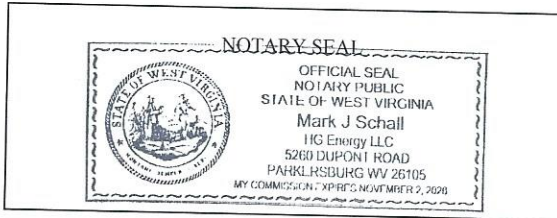
01/17/2025

Certification of Notice is hereby given:

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

Well Operator: HG II Appalachia, LLC
By: Diane White *Diane White*
Its: Agent
Telephone: 304-420-1119

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



Subscribed and sworn before me this 15th day of November, 2024.
Mark J Schall Notary Public
My Commission Expires 11/2/2026

Oil and Gas Privacy Notice:

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

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WW-6A
(9-13)

4703306049
API NO: 47-
OPERATOR WELL NO. Scravage 1204 N-1H to S-10H
Well Pad Name: Scravage 1204

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

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

Date of Notice: 1/11/2023 Date Permit Application Filed: 1/19/2023

Notice of:

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

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

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

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

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

SURFACE OWNER(s)
Name: David K Scravage (pad, road, water)
Address: 633 Rices Run Road
Lost Creek, WV 26385

Name: _____
Address: _____

SURFACE OWNER(s) (Road and/or Other Disturbance)

Name: _____
Address: _____

Name: _____
Address: _____

SURFACE OWNER(s) (Impoundments or Pits)

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: NA
Address: _____

COAL OPERATOR

Name: NA
Address: _____

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

Name: _____
Address: _____

OPERATOR OF ANY NATURAL GAS STORAGE FIELD

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

*Please attach additional forms if necessary

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WW-6A
(8-13)

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

Notice is hereby given:

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

This Notice Shall Include:

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

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

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

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

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

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Environmental Protection

Well Location Restrictions

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

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WW-6A
(8-13)

4703306049
API NO. 47-
OPERATOR WELL NO. Scrannage 1204 N-1H to S-10H
Well Pad Name: Scrannage 1204

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

Water Well Testing:

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

Water Testing Laboratories:

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

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

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

Written Comment:

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

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

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

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Time Limits and Methods for Filing Comments.

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

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

Comment Requirements

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

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

Permit Denial or Condition

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

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

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

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

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Environmental Protection

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(8-13)

4703306049
API NO. 47-
OPERATOR WELL NO. Scravage 1204 N-1H to S-10H
Well Pad Name: Scravage 1204

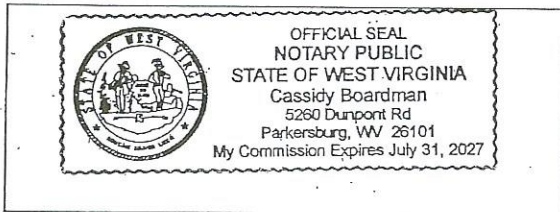
Notice is hereby given by:

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

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

Oil and Gas Privacy Notice:

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



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

Cassidy Boardman Notary Public

My Commission Expires 7/31/2027

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

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

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

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

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

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

Notice is hereby provided to:

SURFACE OWNER(s)

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

Name: _____
Address: _____

Name: _____
Address: _____

COAL OWNER OR LESSEE

Name: NA
Address: _____

MINERAL OWNER(s)

Name: ** See Attached List
Address: _____

*please attach additional forms if necessary

Notice is hereby given:

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

| | |
|-----------------------------------|--|
| State: <u>West Virginia</u> | Approx. Latitude & Longitude: <u>39.155681 & 80.325170</u> |
| County: <u>Harrison</u> | Public Road Access: <u>Rices Run Road</u> |
| District: <u>Grant</u> | Watershed: <u>Lost Creek</u> |
| Quadrangle: <u>Mt. Clare 7.5"</u> | Generally used farm name: <u>Scrannage</u> |

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

Notice is hereby given by:

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

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

Office of Oil and Gas
DEC 16 2024
WV Department of Environmental Protection

Oil and Gas Privacy Notice:

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

01/17/2025



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

4703306049

September 1, 2022

RE: Scranage 1204 N-1H thru S-10H
Grant District, Harrison County
West Virginia

Dear Royalty Owner

Enclosed is a copy of a Department of Environmental Protection "Notice of Entry for Plat Survey" form WW-6A3. This notice is provided to you as a royalty owner to advise you that HG Energy II Appalachia, LLC, is beginning the process of applying for permits to drill a well(s) in an area here you are identified as an owner of minerals underlying such tract in the county tax records. A well work permit application will be filed with the West Virginia Department of Environmental Protection (WVDEP), Office of Oil and Gas.

Pursuant to WV Code Chapter 22B, Article 6, you are receiving copies of this correspondence because you are an owner of mineral rights on one or more of the underlying leases impacted by this well (s). Statutes and rules related to oil and gas exploration and production may be obtained from the Secretary, at the WV DEP at 304-926-0450, located at 601 57th Street, Charleston, WV. Copies of such documents or additional information related to horizontal drilling may also be obtained by visiting the WV DEP online.

No action on your part is required. If you have any questions or comments regarding this permit application, you may call this office at (304) 420-1119. Questions concerning lease issues may be directed to Barry DeWitt at 304-420-1135.

Very truly yours,

Diane White

Diane C. White

Enclosures

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

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

Notice Time Requirement: Notice shall be provided at least **TEN (10)** days prior to filing a permit application.

Date of Notice: 11/13/2024 **Date Permit Application Filed:** 11/27/2024

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

- HAND DELIVERY
- CERTIFIED MAIL RETURN RECEIPT REQUESTED

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

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

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

Name: _____
Address: _____

Notice is hereby given:

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

| | | | | |
|-------------|--------------------------|---------------------------|------------------------------|------------------|
| State: | <u>West Virginia</u> | UTM NAD 83 | Easting: | <u>558306.8</u> |
| County: | <u>Harrison</u> | | Northing: | <u>4334265.4</u> |
| District: | <u>Grant</u> | Public Road Access: | <u>Rice Run Road @ SR 46</u> | |
| Quadrangle: | <u>Mt. Clare WV 7.5'</u> | Generally used farm name: | <u>David Scranage</u> | |
| Watershed: | <u>Lost Creek</u> | | | |

This Notice Shall Include:

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

Notice is hereby given by:

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

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

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Oil and Gas Privacy Notice:

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

01/17/2025



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WEST VIRGINIA DEPARTMENT OF TRANSPORTATION

Division of Highways

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

D. Alan Reed, P.E.
State Highway Engineer

Jimmy Wriston, P. E.
Secretary of Transportation
Commissioner of Highways

October 20, 2022

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

Subject: DOH Permit for the 1204 ScranagePad, Harrison County
Scranage 1204 N5H Well Site

Dear Mr. Martin,

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

This operator is in compliance with §22-6A-20 of the WV Code. Operator has signed a STATEWIDE OIL AND GAS ROAD MAINTENANCE BONDING AGREEMENT and provided the required Bond. This operator is currently in compliance with the DOH OIL AND GAS POLICY dated October 1, 2018. This letter is valid for permitting purposes for one year from the date of this letter.

Very Truly Yours,

Gary K. Clayton, P.E.
Regional Operations Engineer
Central Office O&G Coordinator

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

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HG Energy II Appalachia, LLC
List of Frac Additives by Chemical Name and CAS #
Scranage 1204 Well Pad (N-1H to S-10H)

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

01/17/2025

OPERATOR: HG Energy II Appalachia, LLC WELL NO: Scrannage 1204 N-5H

PAD NAME: Scrannage 1204

REVIEWED BY: Diane White SIGNATURE: Diane White

WELL RESTRICTIONS CHECKLIST

HORIZONTAL 6A WELL

Well Restrictions

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

DEP Waiver and Permit Conditions

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

DEP Waiver and Permit Conditions

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

DEP Waiver and Permit Conditions

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

Surface Owner Waiver and Recorded with County Clerk, OR

DEP Variance and Permit Conditions

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

Surface Owner Waiver and Recorded with County Clerk, OR

DEP Variance and Permit Conditions

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

Surface Owner Waiver and Recorded with County Clerk, OR

DEP Variance and Permit Conditions

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WEST VIRGINIA COUNTY MAP



1204 Well Site
 Site Design, Construction Plan, &
 Erosion and Sediment Control Plans
 HG Energy LLC
 Harrison County
 Grant District
 Latitude 39.1556390°
 Longitude -80.3246105°
 Middle West Fork River Watershed

Pertinent Site Information
 1204 Well Site
 Emergency Number: 304-623-4115
 Grant District, Harrison County, WV
 Watershed: Middle West Fork River Watershed
 Site 911 Address:
 HG Energy Contact Number: 304-420-1100

Property Owner Information - 1204 Well Site
 Grant District - Harrison County

| Owner | TM - Parcel | Well Pad | Access Road | Topsoil/Excav | ASL Change | Total (Cubed) |
|------------------|-------------|----------|-------------|---------------|------------|---------------|
| Local Average | 41-9 | 8-8 | 1-99 | 2-16 | 8-27 | 21-29 |
| Site Yields (Ac) | 8.87 | 1.99 | 2.16 | 8.27 | 21.29 | |

Exhibit A: Final Design: Issue for Permitting

Site Entrance
 WVN NAD 83 N: 297129.93
 WVN NAD 83 E: 173718.99
 WVN NAD 27 N: 246601.08
 WVN NAD 27 E: 170518.62
 Lat NAD 83: 39.157956
 Lon NAD 27: 39.177665
 Lon NAD 27: -80.324199
 UTM 17 NAD 83 N: 434323.75
 UTM 17 NAD 83 E: 588632.95

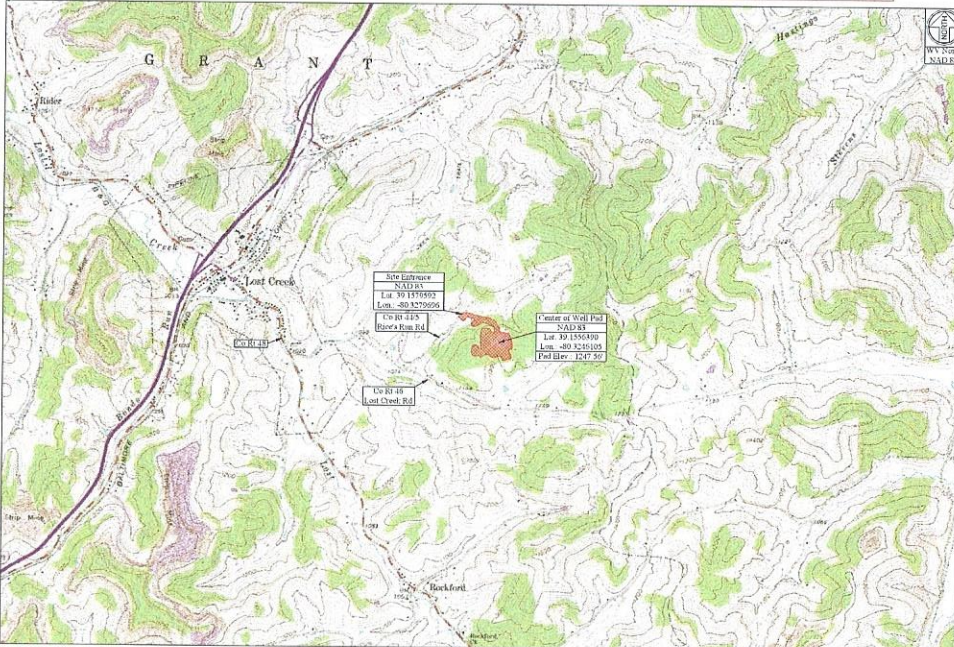
Center of Well Pad
 WVN NAD 83 N: 29975.24
 WVN NAD 83 E: 173603.71
 WVN NAD 27 N: 239877.17
 WVN NAD 27 E: 176103.63
 Lat NAD 83: 39.158370
 Lon NAD 83: -80.324076
 Lat NAD 27: 39.155361
 Lon NAD 27: -80.324891
 UTM 17 NAD 83 N: 434325.42
 UTM 17 NAD 83 E: 588353.19
 Pad Elev: 1257.26

Center of AST
 WVN NAD 83 N: 29983.95
 WVN NAD 83 E: 173629.22
 WVN NAD 27 N: 240124.99
 WVN NAD 27 E: 176086.14
 Lat NAD 83: 39.158370
 Lon NAD 83: -80.324076
 Lat NAD 27: 39.155361
 Lon NAD 27: -80.324891
 UTM 17 NAD 83 N: 434325.59
 UTM 17 NAD 83 E: 588281.39
 Pad Elev: 1257.26

Proposed AST
 Inspired Water
 22,000 LBS Tank (115 Diameter) with
 26,000 LBS Secondary Containment (122 Diameter)

Well Table

| N-1H | N-2H | N-3H | N-4H | N-5H |
|---|---|---|---|---|
| WVN NAD 83 N: 29971.63 WVN NAD 83 E: 174503.68 WVN NAD 27 N: 239893.37 WVN NAD 27 E: 176093.92 Lat NAD 83: 39.156615 Lon NAD 83: -80.325009 Lat NAD 27: 39.155487 Lon NAD 27: -80.325992 UTM 17 NAD 83 (m) N: 434255.34 UTM 17 NAD 83 (m) E: 588306.72 | WVN NAD 83 N: 29967.63 WVN NAD 83 E: 174503.44 WVN NAD 27 N: 239893.56 WVN NAD 27 E: 176093.86 Lat NAD 83: 39.156615 Lon NAD 83: -80.325009 Lat NAD 27: 39.155487 Lon NAD 27: -80.325992 UTM 17 NAD 83 (m) N: 434255.34 UTM 17 NAD 83 (m) E: 588306.72 | WVN NAD 83 N: 29922.63 WVN NAD 83 E: 174503.62 WVN NAD 27 N: 239884.56 WVN NAD 27 E: 176094.84 Lat NAD 83: 39.152789 Lon NAD 83: -80.325009 Lat NAD 27: 39.155487 Lon NAD 27: -80.325992 UTM 17 NAD 83 (m) N: 434255.34 UTM 17 NAD 83 (m) E: 588306.72 | WVN NAD 83 N: 29992.63 WVN NAD 83 E: 174503.26 WVN NAD 27 N: 239884.57 WVN NAD 27 E: 176094.39 Lat NAD 83: 39.152789 Lon NAD 83: -80.325009 Lat NAD 27: 39.155487 Lon NAD 27: -80.325992 UTM 17 NAD 83 (m) N: 434255.34 UTM 17 NAD 83 (m) E: 588306.72 | WVN NAD 83 N: 29982.63 WVN NAD 83 E: 174503.94 WVN NAD 27 N: 239884.57 WVN NAD 27 E: 176094.82 Lat NAD 83: 39.152789 Lon NAD 83: -80.325009 Lat NAD 27: 39.155487 Lon NAD 27: -80.325992 UTM 17 NAD 83 (m) N: 434255.34 UTM 17 NAD 83 (m) E: 588306.72 |



Access Road

| Surface Owner | TM - Parcel | Width (Feet) | Type |
|---------------|-------------|--------------|----------------------|
| Local Average | 41-9 | 1,527.74 | Well Pad Access Road |
| Total Average | 41-9 | 264.81 | AST Access Road |

Disturbed Area

| | |
|---|-----------------|
| Well Pad Construction | 8.87 Ac |
| Access Road Construction | 1.99 Ac |
| Topsoil/Excav Material | 2.16 Ac |
| Additional Clearing | 8.27 Ac |
| Total Disturbed Area | 21.29 Ac |
| Total Wooded Area Disturbed | 18.88 Ac |
| Total Linear Feet of Access Road | 1,791.8' |

1204 Well Site Quantities

| Description | Vol (CY) | TM (CY) | Mean (CY) | Borrow (CY) | Max. Slope | Length of Slope |
|----------------------------------|-----------|------------|------------|-------------|------------|-----------------|
| Well Pad | 85,191.08 | 269,915.25 | 170,002.67 | - | N/A | N/A |
| Well Pad Access Road | 2,446.11 | 7,317.87 | 4,881.99 | - | 2,743.55' | 12.00% |
| AST Access Road | 81.42 | 1,840.01 | 979.29 | - | 17,743.59' | 12.00% |
| Topsoil/Excav Material Stockpile | 8,507.84 | - | - | - | 21,500.84' | N/A |
| Totals | 98,126.45 | 279,073.13 | 176,884.95 | - | 42,988.08' | 12.00% |
| Total Spill Capacity | 23,078.11 | - | - | - | - | - |

Watercourse Impact (Linear Feet)

| Stream and Impact Cause | Cut out (LF) | Bank Outlet | Streamway Fill (LF) | Slope Fill (LF) | Const. Disturb to LOP (LF) | Total Impact (LF) |
|-----------------------------|--------------|-------------|---------------------|-----------------|----------------------------|-------------------|
| Watercourse B (Access Road) | 48.95 | 0.00 | 0.00 | 0.00 | 2.01 | 50.96 |
| Total Stream Impacts | | | | | | 50.96 |

Project Contacts

HG Energy LLC
 Jared Dimple - Construction Manager
 784-836-2477

Survey and Engineer
 Kenneth Kelly
 304-338-6995 O/E

HG Energy, LLC
 2508 Depot Road
 Parkersburg, WV 26101
 P.O. Box 126-1100
 Fax: 304-623-1179

Environmental:
 Wetland Delineation as provided by Palumbo Environmental dated September 6, 2022.

Topographic Information:
 The topographic information shown hereon is based on aerial photography by the West Virginia GIS Technical Center.

MISS UTILITY OF WEST VIRGINIA
 1-800-245-4848
 West Virginia State Gas Section AVE, Charleston, WV 25302 requires that you call two business days before any dig or before you dig.

811
 Know what's below. Call before you dig.

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 DEC 16 2024

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WV Department of Environmental Protection

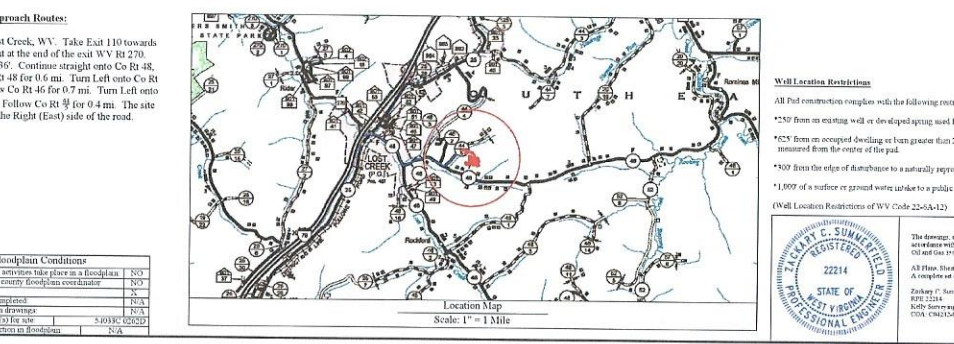
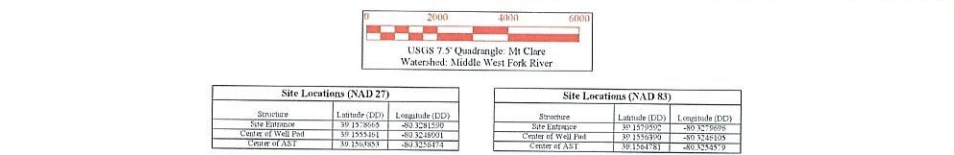
HG Energy LLC will obtain an Encroachment Permit (Form MM-109) from the WV Department of Transportation, Division of Highways, prior to the commencement of any construction activities.

The WV Mines Website was consulted. Previous mining activities are not within the AOI.

WVDEP Website files show that there is one plugged gas well within the AOI.

Floodplain Conditions

| Do any construction activities take place in a floodplain? | NO |
|--|--------------|
| Permit needed from county floodplain coordinator? | NO |
| Flood Hazard Zone? | NO |
| Flood-IRAS Study completed? | N/A |
| Floodplain shown on drawings? | NO |
| FIRST Map (Number) for use | 3400R; 0263D |
| Amount of construction in floodplain | N/A |



APPROVED WVDEP OOG
 2/21/2023

Sheet Description

| | |
|-------|--------------------------------------|
| 1 | Cover Sheet |
| V1 | Cover Sections - Well Pad |
| N1-N4 | Schedule of Quantities |
| 2 | Site Notes |
| 3 | Pre-Construction Site Conditions |
| 4 | Site Soil Map |
| 5 | Clearing Exhibit |
| 6 | Overall Plan View |
| 6-7 | E&S Plan View |
| 8 | Tree Key Exhibit |
| 9 | Plan View |
| 9-10 | Cross Sections - Well Pad |
| 11-12 | Cross Sections - Access Road |
| 13 | Cross Sections - Topsoil Stockpiles |
| 14 | Cross Sections - Topsoil Stockpiles |
| G1-G2 | Geotechnical Exhibit |
| L1 | Landowner Disturbed Area Exhibit |
| S1 | Site Reclamation |
| M1-M2 | Production Exhibit |
| D1-D2 | Erosion and Sediment Control Details |
| R1 | Access Road Details |
| PI | Pad Details |

Date: 08/29/2022
Scale: As Shown
Designed By: ZS
File No.
Sheet 1 of 14

HG ENERGY LLC

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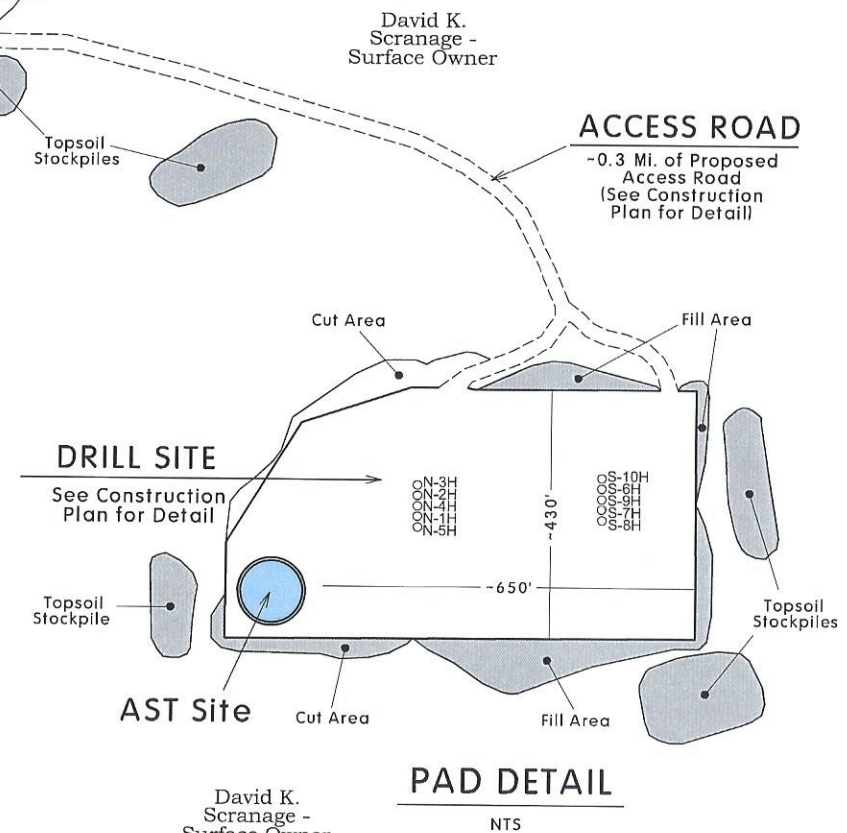
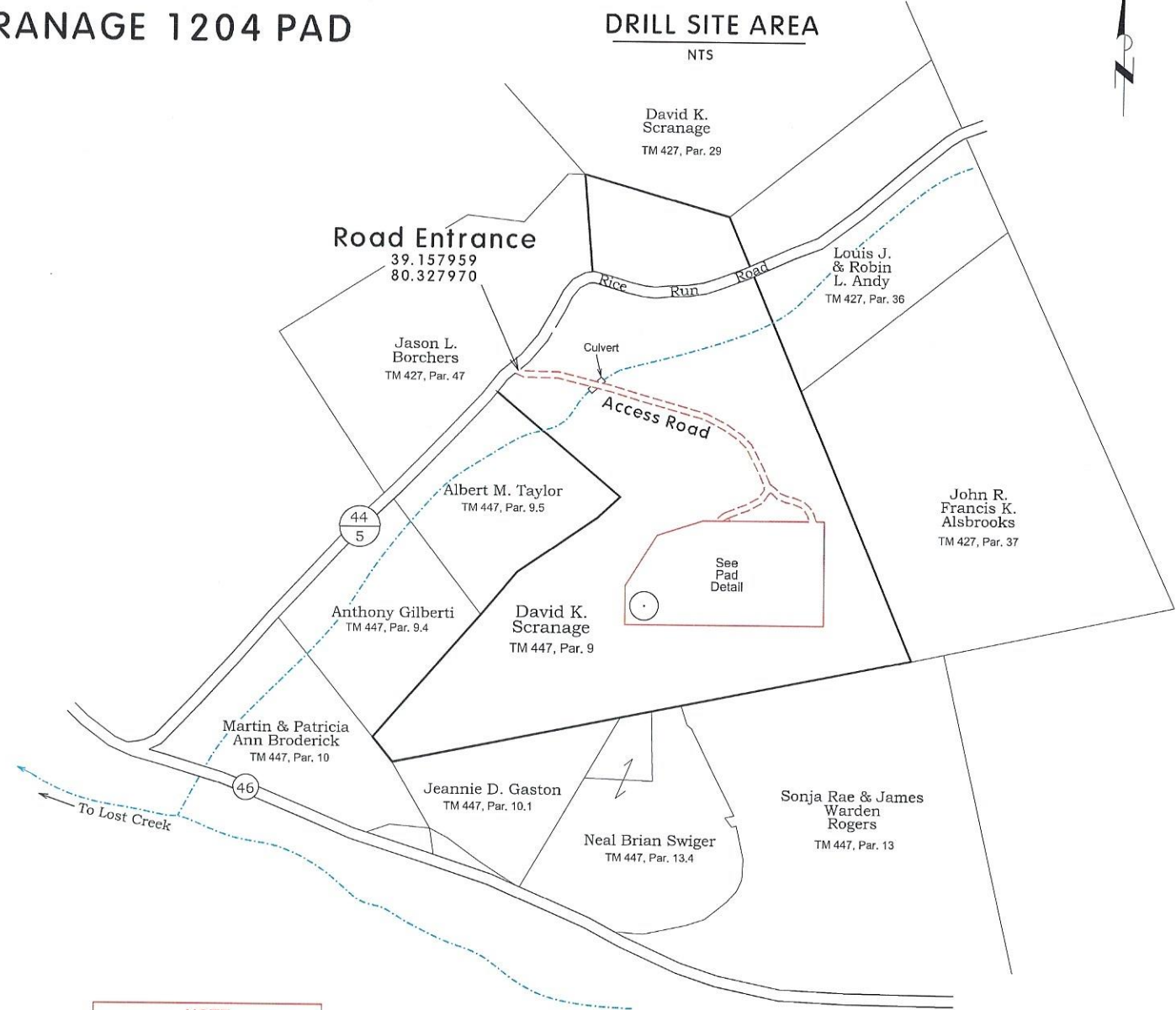
Kelly Surveys
 2508 Depot Road
 Parkersburg, WV 26101
 Fax: 304-623-1179

1204 Well Site
 Grant District
 Harrison County, WV

4703306049

Reclamation Plan For: SCRANAGE 1204 PAD

DRILL SITE AREA NTS



Notes:

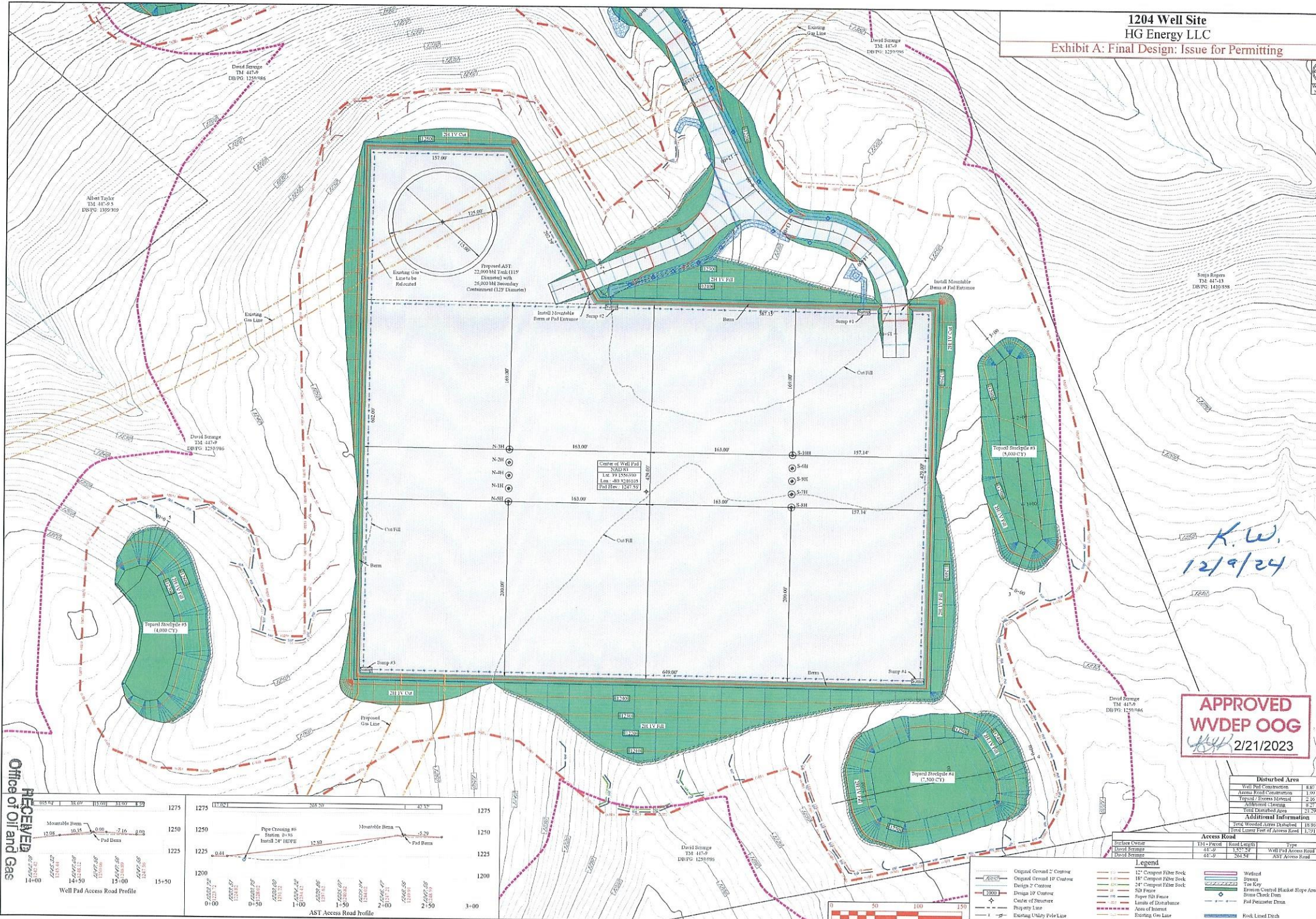
- REQUESTED PERMIT IS FOR DRILLING NEW HORIZONTAL WELLS.
- LOCATION AND ACCESS ROADS WILL BE CONSTRUCTED AS SHOWN ON THE ENGINEERED DRAWINGS WHICH ACCOMPANY THIS PERMIT APPLICATION. REFERENCE IS HEREBY MADE TO THOSE PLANS FOR MORE DETAIL ON E&S MEASURES TO BE TAKEN TO ENSURE COMPLIANCE WITH WVDEP RECLAMATION STANDARDS.
- ALL DISTURBED AREAS WILL BE RE-VEGETATED AS OUTLINED ON FORM WW-9.
- MAINTAIN SEDIMENT BARRIERS AND DRAINAGE STRUCTURES.
- NO DRILL PIT WILL BE CONSTRUCTED AND A CLOSED LOOP SYSTEM WILL BE UTILIZED TO HANDLE DRILL CUTTINGS.
- DRAWING NOT TO SCALE.

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 Environmental Protection

NOTE
 REFER TO THE WVDEP
 EROSION AND SEDIMENT CONTROL
 FIELD MANUAL VER. MAY 2012 FOR
 BMPs CONTROLLING EROSION AND
 SEDIMENT FROM SOIL-DISTURBING
 OPERATIONS.

4703306049

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



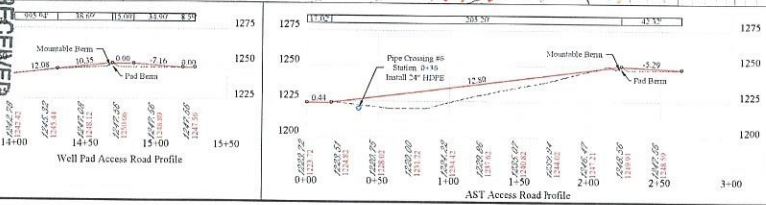
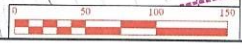
K.W.
 12/9/24

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WVDEP OOG
 2/21/2023

| Disturbed Area | |
|----------------------------------|-----------|
| Well Pad Construction | 4.87 AC |
| Access Road Construction | 1.99 AC |
| Topsoil Access Material | 2.26 AC |
| Additional Landings | 2.27 AC |
| Total Disturbed Area | 11.39 AC |
| Additional Information | |
| Total Wooded Acres Excluded | 18.86 AC |
| Total Linear Feet of Access Road | 1,191.12' |

| Access Road | | | |
|------------------------|--------------|-------------|----------------------|
| Surface Elevation | 11'-1" Paved | Road Length | Type |
| David Storage TM 447-9 | 44'-0" | 1,959.54' | Well Pad Access Road |
| David Storage TM 447-9 | 44'-0" | 504.54' | AST Access Road |

- Legend**
- Original Ground 2' Contour
 - Original Ground 10' Contour
 - Design 2' Contour
 - Design 10' Contour
 - Center of Structure
 - Property Line
 - Existing Utility Pole Line
 - 12" Concrete Fiber Sock
 - 18" Concrete Fiber Sock
 - 24" Concrete Fiber Sock
 - 5ft Fence
 - 8ft Fence
 - 10ft Fence
 - Area of Disturbance
 - Area of Interest
 - Existing Gas Line
 - Wellhead
 - Stemway
 - Tree Key
 - Erosion Control Blanket Slope Area
 - Stemway Check Dam
 - Pad Perimeter Drain
 - Rock Lined Ditch
 - Erosion Control Blanket Lined Ditch



THIS DOCUMENT PREPARED FOR HG ENERGY LLC



Site Plan
1204 Well Site
 Grant District
 Harrison County, WV

Date: 08/23/2022
 Scale: As Shown
 Designed By: Z/S
 File No.
 Sheet 10 of 14

4703306049

WV Department of
 Environmental Protection
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 DEC 16 2024

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



THIS DOCUMENT PREPARED FOR HG ENERGY LLC



Landowner Disturbed Area Exhibit
1204 Well Site
Grant District
Harrison County, WV

Date: 12/27/2024
Scale: As Shown
Designed By: ZS
File No.
Sheet 11 of 11

Disturbed Area

| | |
|---------------------------|----------|
| Well Pad Construction | 2.70 AC |
| Access Road Construction | 2.70 AC |
| Topsoil - Access Material | 2.93 AC |
| Additional Clearance | 7.88 AC |
| Total Disturbed Area | 11.21 AC |

Additional Information

| | |
|----------------------------------|-----------|
| Total Wooded Acres (estimate) | 11.81 AC |
| Total Linear Foot of Access Road | 1,843.91' |

Access Road

| Surface Type | 10' Buffer | Clear Length | Type |
|--------------|------------|--------------|----------------------|
| David Savage | 21.29' | 1,527.26' | Well Pad Access Road |
| David Savage | 21.29' | 716.00' | AST Access Road |

Property Owner Information - 1204 Well Site

| Owner | TM - Parcel | Well Pad | Access Road | 10' Buffer | Excision Area | Heating | Total Disturbed |
|----------------------------------|-------------|-------------|-------------|-------------|---------------|---------|-----------------|
| David Savage | 447-9 | 2.70 | 2.70 | 2.93 | 7.88 | | 11.21 |
| Grant District - Harrison County | 447-9 | 0.00 | 0.00 | 0.00 | 0.00 | | 0.00 |
| Total | | 2.70 | 2.70 | 2.93 | 7.88 | | 11.21 |

Legend

| | | |
|----------------------------|-------------------------|---------------------------|
| Design 2' Contour | 18" Compout Filter Sock | Wetland |
| Design 10' Contour | 24" Compout Filter Sock | Shrub |
| Center of Structure | Grid Fence | Well Pad |
| Property Line | Pipest 50' Fence | Access Road |
| Existing Utility Pole Line | Line of Disturbance | Engineered Pili Stockpile |
| | Line of Interest | |
| | Existing Gas Line | |



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Jason Burdick
Special Needs Trust
TM: 427-4"
DB/PG: 1558/1171

Site Entrance
TM: 411-3"
Lat: N 15° 59' 52"
Long: W 80° 52' 00"

CO # 447-9
Block: 104

Albert Taylor
TM: 447-0"
DB/PG: 1909/309

David Savage
TM: 447-9"
DB/PG: 1259/980

David Savage
TM: 447-9"
DB/PG: 1259/985

Jessie Galton
TM: 447-0"
DB/PG: 1377/1161

Neil Swiger
TM: 447-1.9"
DB/PG: 1221/569

Sean Rogers
TM: 447-13"
DB/PG: 1418/858

Lois & Robin
Anley
TM: 427-36"
DB/PG: 1027/97

Jodi & Finnes
Albrechts
TM: 427-57"
DB/PG: 1054/1045

David Savage
TM: 447-9"
DB/PG: 1259/985

David Savage
TM: 447-9"
DB/PG: 1259/986

David Savage
TM: 447-9"
DB/PG: 1259/986