

State of West Virginia
Department of Environmental Protection - Office of Oil and Gas
Well Operator's Report of Well Work

API 47 - 041 - 05727 County Lewis District Freeman's Creek
Quad Camden & Big Isaac 7.5' Pad Name Burnside 1214 Field/Pool Name Fink/Kennedy
Farm name Burnside Well Number Burnside 1214 S5H
Operator (as registered with the OOG) HG Energy II Appalachia, LLC
Address 5260 Dupont Rd. City Parkersburg State WV Zip 26101

As Drilled location NAD 83/UTM Attach an as-drilled plat, profile view, and deviation survey
Top hole Northing 4330097.063 Easting 541244.720
Landing Point of Curve Northing 4329915 Easting 540959
Bottom Hole Northing 4324110.907 Easting 542985.431

Elevation (ft) 1159 GL Type of Well New Existing Type of Report Interim Final
Permit Type Deviated Horizontal Horizontal 6A Vertical Depth Type Deep Shallow
Type of Operation Convert Deepen Drill Plug Back Redrilling Rework Stimulate
Well Type Brine Disposal CBM Gas Oil Secondary Recovery Solution Mining Storage Other _____
Type of Completion Single Multiple Fluids Produced Brine Gas NGL Oil Other _____
Drilled with Cable Rotary

Drilling Media Surface hole Air Mud Fresh Water Intermediate hole Air Mud Fresh Water Brine
Production hole Air Mud Fresh Water Brine

Mud Type(s) and Additive(s)
Air/WBM(gas storage)/ OBM
Barite, Lime, CaCL, base oil, Gilsonite, Asphalt, clay, Emulsifier, sulfatone, safevert FLG, safevert WA

Date permit issued 01/20/2022 Date drilling commenced 2/5/2022 Date drilling ceased 7/21/2022
Date completion activities began 9/3/2022 Date completion activities ceased 1/3/2023
Verbal plugging (Y/N) _____ Date permission granted _____ Granted by _____

Please note: Operator is required to submit a plugging application within 5 days of verbal permission to plug

Freshwater depth(s) ft 120' Open mine(s) (Y/N) depths N
Salt water depth(s) ft Not observed Void(s) encountered (Y/N) depths N
Coal depth(s) ft 415,496,582,952,1052 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) No

APPROVED

Reviewed by:
[Signature]
06/07/2024

API 47-041 - 05727 Farm name Burnside Well number Burnside 1214 S5H

| CASING STRINGS | Hole Size | Casing Size | Depth | New or Used | Grade wt/ft | Basket Depth(s) | Did cement circulate (Y/N) * Provide details below* |
|---------------------------|-----------|-------------|-------|-------------|-------------------|-----------------|--|
| Conductor | 30" | 30" | 120 | New | 157 lbs/ft | | Drilled in |
| Surface | 26" | 20" | 1103 | New | 94 lbs/ft J-55 | | Yes, 70 bbls to surface |
| Coal | | | | | | | |
| Intermediate 1 | 17.5" | 13.375" | 2066 | New | 68 lbs/ft J55 | | Yes, 93 bbls to surface |
| Intermediate 2 | 12.25" | 9.625" | 4654 | New | 40 lbs/ft | | Yes, 69 bbls to surface |
| Intermediate 3 | | | | | | | |
| Production | 8.5 | 5.5 | 27854 | New | 23 lbs/ft P-110HP | | Yes, 55 bbls to surface |
| Tubing | | | | | | | |
| Packer type and depth set | | | | | | | |

Comment Details _____

| CEMENT DATA | Class/Type of Cement | Number of Sacks | Slurry wt (ppg) | Yield (ft ³ /sks) | Volume (ft ³) | Cement Top (MD) | WOC (hrs) |
|----------------|----------------------|------------------|---------------------|------------------------------|---------------------------|-----------------|-----------|
| Conductor | | | | | | | |
| Surface | Class A | 1895 | 15.6 | 1.19 | 2255 | Surface | 8 |
| Coal | | | | | | | |
| Intermediate 1 | Class A | 1438/772 | 16.0/16.4 | 1.15/1.11 | 1653.7/857 | Surface | 24 |
| Intermediate 2 | Class A | 169/347/186 | 10.5/10.5/15.2 | 3.33/2.64/1.25 | 562.8/916/232.5 | Surface | 18 |
| Intermediate 3 | | | | | | | |
| Production | Class A | 308/127/381/4333 | 13.5/13.5/15.5/14.8 | 1.82/1.67/1.48/1.33 | 560.5/212/564/5763 | Surface | 8 |
| Tubing | | | | | | | |

Drillers TD (ft) ²⁷⁸⁸⁸ _____ Loggers TD (ft) _____

Deepest formation penetrated Marcellus Plug back to (ft) _____

Plug back procedure _____

Kick off depth (ft) ⁵⁹⁹⁰ _____

Check all wireline logs run caliper density deviated/directional induction
 neutron resistivity gamma ray temperature sonic

Well cored Yes No Conventional Sidewall Were cuttings collected Yes No

DESCRIBE THE CENTRALIZER PLACEMENT USED FOR EACH CASING STRING _____

20" casing: centralizer every 3 joints to surface

13.375" casing: Bow spring centralizer on every joint

9.625" casing: Bow spring on first 2 joints then every 3rd joint to 100' from surface

5.5" casing: Centralizer run every 3 joints to top of curve (KOP) then centralizers placed every 5 joints to surface

WAS WELL COMPLETED AS SHOT HOLE Yes No DETAILS _____

WAS WELL COMPLETED OPEN HOLE? Yes No DETAILS _____

WERE TRACERS USED Yes No TYPE OF TRACER(S) USED _____

RECEIVED
Office of Oil and Gas

MAR 20 2024

WV Department of
Environmental Protection

API 47- 041 - 05727 Farm name Burnside Well number Burnside 1214 S5H

| PRODUCING FORMATION(S) | DEPTHS | |
|------------------------|----------------------|----------------------|
| <u>Marcellus</u> | <u>6776-6875</u> TVD | <u>7682-27888</u> MD |
| _____ | _____ | _____ |
| _____ | _____ | _____ |
| _____ | _____ | _____ |

Please insert additional pages as applicable.

GAS TEST Build up Drawdown Open Flow OIL TEST Flow Pump

SHUT-IN PRESSURE Surface _____ psi Bottom Hole _____ psi DURATION OF TEST _____ hrs

OPEN FLOW Gas _____ mcfpd Oil _____ bpd NGL _____ bpd Water _____ bpd GAS MEASURED BY Estimated Orifice Pilot

| LITHOLOGY/ FORMATION | TOP | BOTTOM | TOP | BOTTOM | DESCRIBE ROCK TYPE AND RECORD QUANTITY AND TYPE OF FLUID (FRESHWATER, BRINE, OIL, GAS, H ₂ S, ETC) |
|-------------------------|-------------------------|--------------------|-------------------|-------------------|--|
| | DEPTH IN FT NAME TVD | DEPTH IN FT TVD | DEPTH IN FT MD | DEPTH IN FT MD | |
| | 0 | | 0 | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | See Attached | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |
| | | | | | |

RECEIVED
Office of Oil and Gas
MAR 04 2024
WV Department of
Environmental Protection

Please insert additional pages as applicable.

Drilling Contractor Patterson Drilling
Address 2198 University Drive City Lemont Furnace State PA Zip 15456

Logging Company Renegade Wireline Services
Address 191 Earnhardt Rd. City Hunker State PA Zip 15639

Cementing Company Schlumberger
Address 300 Schlumberger Dr. City Sugar Land State TX Zip 77478

Stimulating Company Nextier
Address 8300 Route 119 North City Black Lick State PA Zip 15716

Please insert additional pages as applicable.

Completed by Diane White Telephone 304-420-1119
Signature Diane White Title _____ Date 02/29/2024

Submittal of Hydraulic Fracturing Chemical Disclosure Information Attach copy of FRACFOCUS Registry

06/07/2024

HG Energy II Appalachia, LLC
Lithology Record
Burnside 1214 S-5H

| Formation | Top MD | Top TVD | Base MD | Base TVD |
|-------------------------|--------|---------|---------|----------|
| coal | 415 | 415 | 418 | 418 |
| coal | 496 | 496 | 499 | 499 |
| coal | 582 | 582 | 586 | 586 |
| Gas sand | 682 | 682 | 802 | 802 |
| Salt sand | 882 | 882 | 1281 | 1281 |
| coal | 952 | 952 | 955 | 955 |
| Coal | 1052 | 1052 | 1056 | 1056 |
| Surface casing | 1133 | drill | 1103 | set |
| Maxton | 1334 | 1334 | 1375 | 1375 |
| Little Lime | 1488 | 1488 | 1510 | 1510 |
| Big Lime | 1535 | 1535 | 1590 | 1590 |
| Big Injun | 1599 | 1599 | 1712 | 1712 |
| Gantz (storage) | 1884 | 1884 | 1942 | 1942 |
| 50' sand | 1997 | 1997 | 2020 | 2020 |
| Storage casing Drill to | 2090 | drill | 2066 | set |
| 30' sand | 2094 | 2094 | 2111 | 2111 |
| Gordon Stray | 2122 | 2122 | 2161 | 2161 |
| Gordon Sand | 2161 | 2161 | 2242 | 2242 |
| Fourth Sand | 2252 | 2252 | 2278 | 2278 |
| Fifth Sand | 2389 | 2389 | 2430 | 2429 |
| Bayard | 2467 | 2466 | 2490 | 2489 |
| Warren | 2763 | 2760 | 2795 | 2792 |
| Speechley | 3099 | 3092 | 3111 | 3104 |
| Balltown | 3211 | 3203 | 3277 | 3268 |
| Bradford | 3890 | 3874 | 3978 | 3960 |
| Benson | 4420 | 4395 | 4442 | 4416 |
| Inter Casing | 4684 | drill | 4654 | set |
| Rhinstreet | 6088 | 6025 | 6330 | 6252 |
| Cashaqua | 6330 | 6252 | 6628 | 6506 |
| Middlesex | 6628 | 6506 | 6737 | 6585 |
| West River | 6737 | 6585 | 6911 | 6685 |
| Burket | 6911 | 6685 | 6969 | 6710 |
| Tully | 6969 | 6710 | 7348 | 6802 |
| Hamilton | 7348 | 6802 | 7682 | 6875 |
| Marcellus | 7682 | 6875 | 27888 | 6776 |

RECEIVED
Office of Oil and Gas
MAR 04 2024
WV Department of
Environmental Protection

06/07/2024

HG Energy II Appalachia, LLC
Burnside 1214 S-5H
Perforation Record

| Stage # | Date | Perforation From Depth | Perforation to Depth | Number of Perforations | Formation |
|----------|------------|------------------------|----------------------|------------------------|-----------|
| Sleeve/1 | 10/26/2022 | 27807 | 27783 | 2 | Marcellus |
| 2 | 10/27/2022 | 27749 | 27581 | 32 | Marcellus |
| 3 | 10/27/2022 | 27553 | 27385 | 32 | Marcellus |
| 4 | 10/27/2022 | 27357 | 27189 | 32 | Marcellus |
| 5 | 10/28/2022 | 27161 | 26993 | 32 | Marcellus |
| 6 | 10/28/2022 | 26965 | 26797 | 32 | Marcellus |
| 7 | 10/28/2022 | 26769 | 26601 | 32 | Marcellus |
| 8 | 10/29/2022 | 26573 | 26405 | 32 | Marcellus |
| 9 | 10/29/2022 | 26377 | 26209 | 32 | Marcellus |
| 10 | 10/29/2022 | 26181 | 26013 | 32 | Marcellus |
| 11 | 10/30/2022 | 25985 | 25817 | 32 | Marcellus |
| 12 | 10/30/2022 | 25789 | 25621 | 32 | Marcellus |
| 13 | 10/30/2022 | 25593 | 25425 | 32 | Marcellus |
| 14 | 10/31/2022 | 25397 | 25229 | 32 | Marcellus |
| 15 | 10/31/2022 | 25201 | 25033 | 32 | Marcellus |
| 16 | 10/31/2022 | 25005 | 24837 | 32 | Marcellus |
| 17 | 11/1/2022 | 24809 | 24641 | 32 | Marcellus |
| 18 | 11/1/2022 | 24613 | 24445 | 32 | Marcellus |
| 19 | 11/1/2022 | 24417 | 24249 | 32 | Marcellus |
| 20 | 11/1/2022 | 24221 | 24053 | 32 | Marcellus |
| 21 | 11/2/2022 | 24025 | 23857 | 32 | Marcellus |
| 22 | 11/2/2022 | 23829 | 23661 | 32 | Marcellus |
| 23 | 11/2/2022 | 23633 | 23465 | 32 | Marcellus |
| 24 | 11/3/2022 | 23437 | 23269 | 32 | Marcellus |
| 25 | 11/3/2022 | 23241 | 23073 | 32 | Marcellus |
| 26 | 11/4/2022 | 23045 | 22877 | 32 | Marcellus |
| 27 | 11/4/2022 | 22849 | 22681 | 32 | Marcellus |
| 28 | 11/5/2022 | 22653 | 22485 | 32 | Marcellus |
| 29 | 11/5/2022 | 22457 | 22289 | 32 | Marcellus |
| 30 | 11/5/2022 | 22261 | 22093 | 32 | Marcellus |
| 31 | 11/6/2022 | 22065 | 21897 | 32 | Marcellus |
| 32 | 11/6/2022 | 21869 | 21701 | 32 | Marcellus |
| 33 | 11/6/2022 | 21673 | 21505 | 32 | Marcellus |
| 34 | 11/7/2022 | 21477 | 21309 | 32 | Marcellus |
| 35 | 11/7/2022 | 21281 | 21113 | 32 | Marcellus |
| 36 | 11/8/2022 | 21085 | 20917 | 32 | Marcellus |
| 37 | 11/8/2022 | 20889 | 20721 | 32 | Marcellus |
| 38 | 11/8/2022 | 20693 | 20525 | 32 | Marcellus |
| 39 | 11/9/2022 | 20497 | 20329 | 32 | Marcellus |
| 40 | 11/9/2022 | 20301 | 20133 | 32 | Marcellus |
| 41 | 11/10/2022 | 20105 | 19937 | 32 | Marcellus |
| 42 | 11/10/2022 | 19909 | 19741 | 32 | Marcellus |
| 43 | 11/10/2022 | 19713 | 19545 | 32 | Marcellus |
| 44 | 11/11/2022 | 19517 | 19349 | 32 | Marcellus |
| 45 | 11/11/2022 | 19321 | 19153 | 32 | Marcellus |
| 46 | 11/12/2022 | 19125 | 18957 | 32 | Marcellus |
| 47 | 11/12/2022 | 18929 | 18761 | 32 | Marcellus |
| 48 | 11/13/2022 | 18733 | 18565 | 32 | Marcellus |
| 49 | 11/13/2022 | 18537 | 18369 | 32 | Marcellus |
| 50 | 11/13/2022 | 18341 | 18173 | 32 | Marcellus |
| 51 | 11/14/2022 | 18145 | 17977 | 32 | Marcellus |
| 52 | 11/14/2022 | 17949 | 17781 | 32 | Marcellus |
| 53 | 11/14/2022 | 17753 | 17585 | 32 | Marcellus |
| 54 | 11/15/2022 | 17557 | 17389 | 32 | Marcellus |

RECEIVED
Office of Oil and Gas
MAR 7 2024
West Virginia Department of Environmental Protection

06/07/2024

| | | | | | |
|-----|------------|-------|-------|----|-----------|
| 55 | 11/15/2022 | 17361 | 17193 | 32 | Marcellus |
| 56 | 11/16/2022 | 17165 | 16997 | 32 | Marcellus |
| 57 | 11/16/2022 | 16969 | 16801 | 32 | Marcellus |
| 58 | 11/16/2022 | 16773 | 16605 | 32 | Marcellus |
| 59 | 11/17/2022 | 16577 | 16409 | 32 | Marcellus |
| 60 | 11/17/2022 | 16381 | 16213 | 32 | Marcellus |
| 61 | 11/17/2022 | 16185 | 16017 | 32 | Marcellus |
| 62 | 11/18/2022 | 15989 | 15821 | 32 | Marcellus |
| 63 | 11/18/2022 | 15793 | 15625 | 32 | Marcellus |
| 64 | 11/19/2022 | 15597 | 15429 | 32 | Marcellus |
| 65 | 11/19/2022 | 15401 | 15233 | 32 | Marcellus |
| 66 | 11/19/2022 | 15205 | 15037 | 32 | Marcellus |
| 67 | 11/20/2022 | 15009 | 14841 | 32 | Marcellus |
| 68 | 11/20/2022 | 14813 | 14645 | 32 | Marcellus |
| 69 | 11/21/2022 | 14617 | 14449 | 32 | Marcellus |
| 70 | 11/21/2022 | 14421 | 14253 | 32 | Marcellus |
| 71 | 11/21/2022 | 14225 | 14057 | 32 | Marcellus |
| 72 | 11/22/2022 | 14029 | 13861 | 32 | Marcellus |
| 73 | 11/22/2022 | 13833 | 13665 | 32 | Marcellus |
| 74 | 11/23/2022 | 13637 | 13469 | 32 | Marcellus |
| 75 | 11/23/2022 | 13441 | 13273 | 32 | Marcellus |
| 76 | 11/27/2022 | 13245 | 13077 | 32 | Marcellus |
| 77 | 11/27/2022 | 13049 | 12881 | 32 | Marcellus |
| 78 | 11/28/2022 | 12853 | 12685 | 32 | Marcellus |
| 79 | 11/28/2022 | 12657 | 12489 | 32 | Marcellus |
| 80 | 11/28/2022 | 12461 | 12293 | 32 | Marcellus |
| 81 | 11/29/2022 | 12265 | 12097 | 32 | Marcellus |
| 82 | 11/29/2022 | 12069 | 11901 | 32 | Marcellus |
| 83 | 11/30/2022 | 11873 | 11705 | 32 | Marcellus |
| 84 | 11/30/2022 | 11677 | 11509 | 32 | Marcellus |
| 85 | 11/30/2022 | 11481 | 11313 | 32 | Marcellus |
| 86 | 12/1/2022 | 11285 | 11117 | 32 | Marcellus |
| 87 | 12/1/2022 | 11089 | 10921 | 32 | Marcellus |
| 88 | 12/5/2022 | 10893 | 10725 | 32 | Marcellus |
| 89 | 12/5/2022 | 10697 | 10529 | 32 | Marcellus |
| 90 | 12/5/2022 | 10500 | 10332 | 32 | Marcellus |
| 91 | 12/6/2022 | 10302 | 10134 | 32 | Marcellus |
| 92 | 12/6/2022 | 10104 | 9936 | 32 | Marcellus |
| 93 | 12/6/2022 | 9906 | 9738 | 32 | Marcellus |
| 94 | 12/7/2022 | 9708 | 9540 | 32 | Marcellus |
| 95 | 12/7/2022 | 9510 | 9342 | 32 | Marcellus |
| 96 | 12/12/2022 | 9312 | 9144 | 32 | Marcellus |
| 97 | 12/12/2022 | 9114 | 8946 | 32 | Marcellus |
| 98 | 12/13/2022 | 8916 | 8748 | 32 | Marcellus |
| 99 | 12/14/2022 | 8718 | 8550 | 32 | Marcellus |
| 100 | 12/15/2022 | 8520 | 8352 | 32 | Marcellus |
| 101 | 12/16/2022 | 8322 | 8154 | 32 | Marcellus |
| 102 | 12/17/2022 | 8124 | 7956 | 32 | Marcellus |
| 103 | 12/16/2022 | 7926 | 7758 | 32 | Marcellus |

RECEIVED
Office of Oil and Gas
MAR 04 2024
WV Department of
Environmental Protection
06/07/2024

HG Energy II Appalachia, LLC
Burnside 1214 S-5H
Stimulation Summary

| Stage # | Date | Ave Pump Rate (BPM) | Ave Treatment Press (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Proppant (LBS) | Water (BBLs) |
|----------|------------|---------------------|---------------------------|------------------------------|------------|----------------|--------------|
| Sleeve/1 | 10/26/2022 | 77.0 | 10090 | 12183 | 4372 | 270000 | 7,617 |
| 2 | 10/27/2022 | 79.1 | 10,095 | 6,160 | 5,829 | 700000 | 15,215 |
| 3 | 10/27/2022 | 80.0 | 10,205 | 6,013 | 4,713 | 700000 | 15,011 |
| 4 | 10/27/2022 | 84.0 | 10,420 | 6,065 | 6,028 | 700000 | 12,729 |
| 5 | 10/28/2022 | 84.0 | 10,210 | 6,114 | 5,442 | 700000 | 12,654 |
| 6 | 10/28/2022 | 85.0 | 10,408 | 5,980 | 4,661 | 700000 | 12,276 |
| 7 | 10/28/2022 | 84.0 | 10,279 | 6,241 | 5,903 | 705000 | 11,678 |
| 8 | 10/29/2022 | 85.0 | 10,302 | 5,508 | 4,782 | 705000 | 12,774 |
| 9 | 10/29/2022 | 89.0 | 10,429 | 5,707 | 4,702 | 705000 | 12,142 |
| 10 | 10/29/2022 | 85.0 | 10,406 | 5,621 | 5,308 | 705000 | 11,544 |
| 11 | 10/30/2022 | 84.0 | 10,376 | 6,612 | 4,708 | 576200 | 10,682 |
| 12 | 10/30/2022 | 84.0 | 10,400 | 7,341 | 4,918 | 705000 | 12,697 |
| 13 | 10/30/2022 | 85.0 | 10,306 | 6,131 | 6,166 | 705000 | 11,621 |
| 14 | 10/31/2022 | 83.0 | 10,139 | 6,445 | 5,811 | 705000 | 11,726 |
| 15 | 10/31/2022 | 88.0 | 10,399 | 6,823 | 4,985 | 705000 | 11,825 |
| 16 | 10/31/2022 | 87.0 | 10,544 | 5,823 | 6,844 | 705500 | 9,996 |
| 17 | 11/1/2022 | 79.0 | 9,968 | 6,730 | 5,644 | 705500 | 12,258 |
| 18 | 11/1/2022 | 84.0 | 10,326 | 7,121 | 5,450 | 705000 | 9,944 |
| 19 | 11/1/2022 | 88.0 | 10,402 | 6,567 | 5,137 | 705500 | 10,150 |
| 20 | 11/1/2022 | 90.0 | 10,663 | 6,169 | 5,716 | 705500 | 9,741 |
| 21 | 11/2/2022 | 89.0 | 10,383 | 6,618 | 6,031 | 705000 | 9,891 |
| 22 | 11/2/2022 | 85.0 | 10,456 | 4,495 | 5,050 | 477100 | 10,148 |
| 23 | 11/2/2022 | 91.0 | 10,770 | 5,695 | 5,602 | 705500 | 9,785 |
| 24 | 11/3/2022 | 87.0 | 10,432 | 5,945 | 5,482 | 691000 | 10,790 |
| 25 | 11/3/2022 | 90.0 | 10,417 | 2,564 | 6,184 | 690000 | 9,485 |
| 26 | 11/4/2022 | 90.0 | 10,536 | 6,092 | 5,336 | 690000 | 9,794 |
| 27 | 11/4/2022 | 88.0 | 10,502 | 5,598 | 5,284 | 649560 | 9,506 |
| 28 | 11/5/2022 | 91.0 | 10,517 | 6,164 | 6,282 | 690000 | 9,875 |
| 29 | 11/5/2022 | 87.0 | 10,480 | 5,840 | 4,762 | 581700 | 10,221 |
| 30 | 11/5/2022 | 90.0 | 10,465 | 6,070 | 4,838 | 690720 | 9,962 |
| 31 | 11/6/2022 | 88.0 | 10,298 | 5,439 | 4,737 | 568200 | 10,225 |
| 32 | 11/6/2022 | 92.0 | 10,457 | 6,033 | 5,887 | 691900 | 9,707 |
| 33 | 11/6/2022 | 89.0 | 10,317 | 6,388 | 5,760 | 690000 | 9,746 |
| 34 | 11/7/2022 | 88.0 | 10,497 | 5,620 | 6,258 | 690800 | 10,952 |
| 35 | 11/7/2022 | 86.0 | 10,137 | 5,218 | 6,334 | 690000 | 9,858 |
| 36 | 11/8/2022 | 87.0 | 10,213 | 6,463 | 5,162 | 656670 | 10,866 |
| 37 | 11/8/2022 | 91.0 | 10,407 | 5,521 | 5,301 | 690600 | 9,933 |
| 38 | 11/8/2022 | 87.7 | 9,983 | 6,056 | 4,874 | 690000 | 9,734 |
| 39 | 11/9/2022 | 90.0 | 10,414 | 5,700 | 10,500 | 621900 | 9,111 |
| 40 | 11/9/2022 | 88.0 | 9,901 | 5,963 | 4,536 | 690000 | 10,299 |
| 41 | 11/10/2022 | 90.0 | 10,207 | 6,352 | 4,936 | 619420 | 9,520 |
| 42 | 11/10/2022 | 88.0 | 10,132 | 5,690 | 5,241 | 653710 | 10,637 |
| 43 | 11/10/2022 | 91.0 | 9,989 | 5,853 | 4,476 | 690000 | 9,833 |
| 44 | 11/11/2022 | 93.0 | 10,146 | 5,887 | 5,000 | 690000 | 10,213 |
| 45 | 11/11/2022 | 89.6 | 9,968 | 6,254 | 5,242 | 677460 | 11,097 |
| 46 | 11/12/2022 | 89.0 | 10,561 | 6,079 | 5,654 | 690000 | 10,830 |
| 47 | 11/12/2022 | 90.4 | 10,054 | 6,846 | 4,114 | 690000 | 9,593 |
| 48 | 11/13/2022 | 92.0 | 10,037 | 6,921 | 4,859 | 690000 | 10,797 |
| 49 | 11/13/2022 | 94.0 | 10,072 | 5,887 | 4,873 | 690000 | 10,849 |
| 50 | 11/13/2022 | 90.0 | 10,162 | 6,643 | 3,984 | 690000 | 11,689 |
| 51 | 11/14/2022 | 96.0 | 10,160 | 6,899 | 4,792 | 690000 | 9,814 |
| 52 | 11/14/2022 | 97.0 | 10,334 | 6,067 | 4,907 | 690870 | 9,735 |
| 53 | 11/14/2022 | 96.0 | 10,168 | 4,742 | 5,070 | 700000 | 9,765 |
| 54 | 11/15/2022 | 94.0 | 10,176 | 6,276 | 5,037 | 700000 | 10,318 |

06/07/2024

| | | | | | | | |
|-----|------------|-------|--------|-------|-------|--------|--------|
| 55 | 11/15/2022 | 93.0 | 10,155 | 6,811 | 4,821 | 700000 | 10,482 |
| 56 | 11/16/2022 | 93.0 | 9,997 | 5,782 | 4,691 | 700000 | 9,782 |
| 57 | 11/16/2022 | 99.0 | 10,030 | N/A | 5,481 | 700000 | 9,814 |
| 58 | 11/16/2022 | 96.0 | 9,990 | 6,772 | 4,450 | 700000 | 9,617 |
| 59 | 11/17/2022 | 98.0 | 10,128 | 6,922 | 5,432 | 700000 | 9,863 |
| 60 | 11/17/2022 | 98.0 | 9,998 | 6,712 | 6,227 | 700000 | 10,614 |
| 61 | 11/17/2022 | 99.0 | 10,004 | 6,921 | 5,152 | 700000 | 9,866 |
| 62 | 11/18/2022 | 96.0 | 10,030 | 6,550 | 5,197 | 700000 | 9,739 |
| 63 | 11/18/2022 | 94.0 | 10,028 | 6,968 | 5,026 | 700000 | 9,694 |
| 64 | 11/19/2022 | 102.0 | 10,338 | 7,020 | 5,316 | 700000 | 10,021 |
| 65 | 11/19/2022 | 100.0 | 10,460 | 5,992 | 6,146 | 700000 | 11,948 |
| 66 | 11/19/2022 | 97.0 | 9,487 | 6,921 | 3,212 | 700000 | 9,782 |
| 67 | 11/20/2022 | 100.0 | 10,064 | 6,056 | 4,866 | 700000 | 11,265 |
| 68 | 11/20/2022 | 103.0 | 10,267 | 6,108 | 4,214 | 700000 | 9,797 |
| 69 | 11/21/2022 | 97.0 | 10,146 | 6,131 | 6,145 | 700000 | 9,831 |
| 70 | 11/21/2022 | 102.0 | 10,027 | 6,067 | 6,394 | 700000 | 9,615 |
| 71 | 11/21/2022 | 99.0 | 9,792 | 6,085 | 4,452 | 700000 | 9,804 |
| 72 | 11/22/2022 | 101.0 | 10,183 | 6,637 | 5,897 | 610300 | 10,908 |
| 73 | 11/22/2022 | 108.0 | 9,977 | 6,149 | 5,514 | 700000 | 9,845 |
| 74 | 11/23/2022 | 102.0 | 10,192 | 6,254 | 4,952 | 700000 | 9,638 |
| 75 | 11/23/2022 | 96.0 | 10,224 | 5,689 | 4,602 | 700000 | 11,269 |
| 76 | 11/27/2022 | 102.0 | 10,035 | 6,875 | 5,207 | 700000 | 9,807 |
| 77 | 11/27/2022 | 98.0 | 9,650 | 6,630 | 5,337 | 700000 | 9,858 |
| 78 | 11/28/2022 | 103.0 | 10,006 | 6,817 | 5,113 | 700000 | 9,758 |
| 79 | 11/28/2022 | 106.0 | 9,997 | 6,209 | 5,574 | 700000 | 10,021 |
| 80 | 11/28/2022 | 104.0 | 10,141 | 6,659 | 4,907 | 700000 | 9,684 |
| 81 | 11/29/2022 | 100.0 | 10,081 | 7,171 | 5,079 | 700000 | 10,263 |
| 82 | 11/29/2022 | 104.0 | 10,087 | 6,643 | 4,939 | 699500 | 9,664 |
| 83 | 11/30/2022 | 101.0 | 9,615 | 6,896 | 4,809 | 700000 | 9,353 |
| 84 | 11/30/2022 | 106.0 | 9,692 | 7,432 | 4,812 | 700000 | 9,645 |
| 85 | 11/30/2022 | 106.0 | 9,699 | 6,183 | 5,504 | 700000 | 9,234 |
| 86 | 12/1/2022 | 101.0 | 9,309 | 6,672 | 4,952 | 700000 | 9,559 |
| 87 | 12/1/2022 | 106.0 | 9,253 | 6,346 | 5,022 | 700000 | 11,010 |
| 88 | 12/5/2022 | 97 | 9,545 | 6,723 | 3,814 | 700000 | 10,723 |
| 89 | 12/5/2022 | 100 | 9,569 | 6,886 | 5,050 | 700000 | 9,527 |
| 90 | 12/5/2022 | 103 | 10,223 | 6,590 | 5,240 | 700400 | 10,616 |
| 91 | 12/6/2022 | 103 | 9,915 | 7,375 | 4,632 | 679960 | 9,483 |
| 92 | 12/6/2022 | 106 | 9,802 | 7,160 | 4,722 | 680000 | 9,556 |
| 93 | 12/6/2022 | 107 | 9,652 | 6,647 | 5,755 | 680000 | 10,175 |
| 94 | 12/7/2022 | 106 | 9,886 | 7,050 | 4,312 | 680000 | 9,519 |
| 95 | 12/7/2022 | 106 | 9,034 | 5,610 | 5,340 | 680000 | 9,636 |
| 96 | 12/12/2022 | 102 | 9,481 | 6,259 | 5,146 | 680000 | 9,488 |
| 97 | 12/12/2022 | 105 | 9,306 | 6,272 | 4,673 | 680000 | 9,471 |
| 98 | 12/13/2022 | 107 | 9,536 | 6,381 | 4,793 | 670000 | 9,373 |
| 99 | 12/14/2022 | 108 | 9,205 | N/A | 5,792 | 670000 | 9,532 |
| 100 | 12/15/2022 | 107 | 9,153 | 6,538 | 5,322 | 670000 | 9,458 |
| 101 | 12/16/2022 | 108 | 8,974 | 6,829 | 5,528 | 670000 | 9,556 |
| 102 | 12/17/2022 | 109 | 8,784 | 5,660 | 5,246 | 670000 | 9,198 |
| 103 | 12/16/2022 | 107 | 9,003 | 7,900 | 5,083 | 689270 | 11,970 |

RECEIVED
Office of Oil and Gas

MAR 04 2024

WV Department of
Environmental Protection

06/07/2024

942' to Bottom Hole

6,544' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 05 - 00

BTM LONGITUDE 80 - 30 - 00
TOP LONGITUDE 80 - 30 - 00

2,197' to Top Hole
6,697' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Burnside 1214 S-5H
As-Drilled

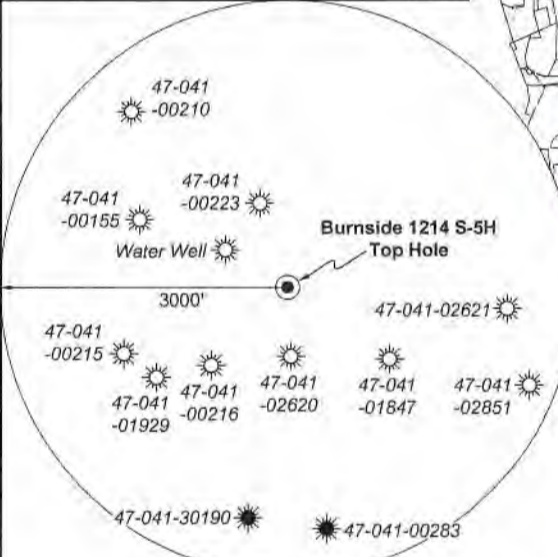
Page 1 of 2



Notes:
Well No. Burnside 1214 S-5H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,326.78'
E: 1,775,733.72'
Landing Point Coordinates
N: 14,205,728.00'
E: 1,774,797.60'
Bottom Hole Coordinates
N: 14,186,687.20'
E: 1,781,444.70'

| Tag | Bearing | Dist. | Description |
|-----|------------|----------|---------------|
| L1 | S 42°45' W | 1,600.7' | Threaded Pipe |
| L2 | N 68°32' W | 2,175.3' | Gate Post |
| L3 | N 54°22' W | 1,227.5' | #47-041-01847 |
| L4 | N 02°21' E | 691.6' | #47-041-02620 |

Notes: Well No. Burnside 1214 S-5H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'08.28" Latitude: 39°03'53.79"
Longitude: 80°31'23.06" Longitude: 80°30'11.94"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,097.063m N: 4,324,110.907m
E: 541,244.720m E: 542,985.431m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



Note: 1 water well was 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.

I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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



FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 S-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: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 S-5H
API WELL NO
47 - 041 - 05727
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: John K. Burnside, et al
ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,888' MD 6,776' TVD

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

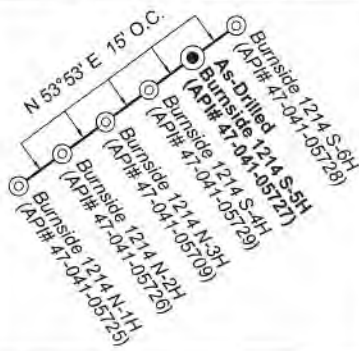


| ID | Lease |
|----|------------------------------|
| 1 | J.S. Hall, et ux |
| 2 | W.J. Grant, et ux |
| 3 | Blonda S. Hall, et al |
| 4 | J.A. Burnside, et al |
| 6 | Mary C. Burnside, et vir |
| 7 | A. Brown, et ux |
| 8 | Dale Eugene Copens, et ux |
| 9 | N.A. Lovett, et ux |
| 11 | M.J. Hall, et ux |
| 13 | Aldo McKinley |
| 14 | F. McKinley |
| 15 | Lessie Rill Lantz, et al |
| 17 | S.A. Hall, et al |
| 20 | J.W. Kemper, et ux |
| 22 | James B. Lovett, et ux |
| 27 | Lot Hall, et ux |
| 29 | HG Energy II Appalachia, LLC |
| 39 | M.I. Metheny, et vir |
| 40 | Zina L. Kershner, et vir |

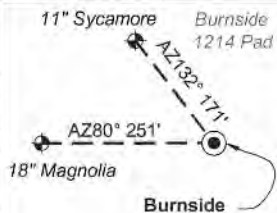
Legend

- 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.)
- Adjoiner surface tracts (approx.)

Wellhead Layout (NTS)



Well Location References
Not to Scale



| Lewis Co. - Freeman Creek Dist. | | | | |
|---------------------------------|-----------|------------------------------------|------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 6C / 3.2 | John K. Burnside, et al | 666 / 44 | 115.00 |
| 2 | 5C / 34 | Karina K. Rowe | 572 / 209 | 42.00 |
| 3 | 5C / 41.1 | Mike Ross, Inc. and Waco Oil & Gas | 676 / 133 | 2.09 |
| 4 | 5C / 35 | Robert S. Glotfelty | 339 / 241 | 14.77 |
| 5 | 5C / 36 | Phillip E. Burnside | 766 / 831 | 0.71 |
| 6 | 5C / 32 | Robert S. Glotfelty | 339 / 241 | 94.40 |
| 7 | 5C / 37 | Phillip E. Burnside | 766 / 831 | 83.75 |
| 8 | 5C / 41 | Phillip E. Burnside | 766 / 831 | 23.90 |
| 9 | 5C / 44 | John K. & Reta L. Burnside | 631 / 778 | 51.00 |
| 10 | 6C / 4 | James M. Evans III, et al | 657 / 228 | 294.00 |
| 11 | 5D / 60 | William R. Fultineer, et ux | 627 / 496 | 74.71 |
| 12 | 6C / 6 | Equitable Gas | 216 / 185 | 65.55 |
| 13 | 6C / 7 | Matthew S. & Tricia A. Jerden | 627 / 197 | 12.00 |
| 14 | 5D / 63 | Donald R. & Pamela J. Spinks | 574 / 573 | 8.00 |
| 15 | 6D / 1 | Robert L. & Lindsey R. Rittenhouse | 691 / 794 | 1.25 |
| 16 | 6D / 2 | Robert L. & Lindsey R. Rittenhouse | 691 / 794 | 74.75 |
| 17 | 6D / 3 | James H. Hall Trust | WB H / 147 | 194.50 |
| 18 | 6D / 5 | David B. & Wendall S. Hall | W29 / 176 | 196.50 |
| 19 | 6D / 10 | Sue E. Hall & Alice J. Fisher | W34 / 597 | 252.44 |
| 20 | 6D / 10.2 | WV American Water Company | 584 / 552 | 0.23 |
| 21 | 6D / 9 | Daniel E. & Alice J. Fisher | 658 / 108 | 25.00 |
| 22 | 6D / 5.1 | D. Brooks & Mary L. Hall | 361 / 739 | 1.51 |
| 23 | 6D / 8 | James S. & Tamara B. Wilson | 370 / 303 | 57.25 |
| 24 | 6D / 11 | Bradford A. & Michelle D. Taylor | 762 / 891 | 0.30 |
| 25 | 6D / 17.1 | Brian K. & Sherri Skidmore | 713 / 848 | 14.00 |
| 26 | 6D / 12 | Bradford & Michelle Taylor | 762 / 891 | 77.00 |
| 27 | 6E / 12 | James E. Gray, et al | 735 / 51 | 90.50 |
| 28 | 6E / 11.1 | Heartwood Forestland Fund VII | 666 / 124 | 235.87 |
| 29 | 6E / 11 | Heartwood Forestland Fund VII | 666 / 124 | 6.21 |
| 30 | 6E / 11.2 | Jonathan R. & Tracie M. Dodson | 632 / 203 | 21.92 |
| 31 | 6E / 17 | Heartwood Forestland Fund VII | 666 / 124 | 56.07 |
| 32 | 6E / 8 | Heartwood Forestland Fund VII | 666 / 124 | 93.90 |
| 33 | 6E / 9 | Heartwood Forestland Fund VII | 666 / 124 | 28.00 |

FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 S-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: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 S-5H
API WELL NO
47 - 041 - 05727
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek

QUADRANGLE: Camden
COUNTY: Lewis
ACREAGE: 115.00

DISTRICT: Freemans Creek
SURFACE OWNER: John K. Burnside, et al

ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,888' MD 6,776' TVD

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

942' to Bottom Hole

6,544' to Top Hole

6,697' to Bottom Hole

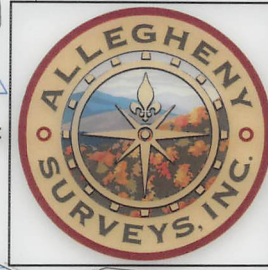
2,197' to Top Hole

HG Energy II Appalachia, LLC
Well No. Burnside 1214 S-5H
As-Drilled

Page 1 of 2

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 05 - 00

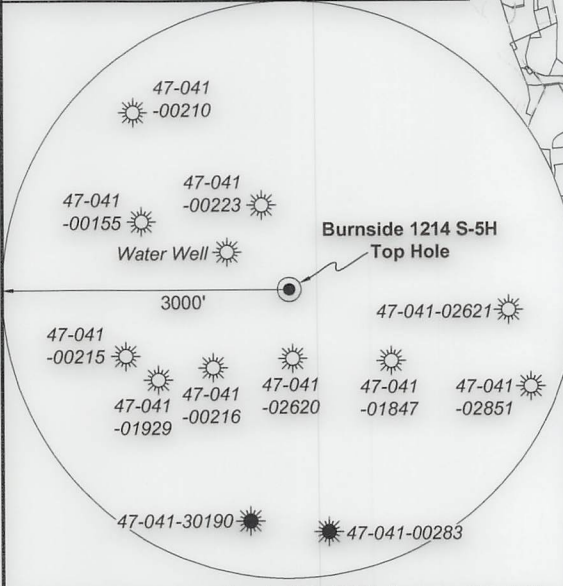
BTM LONGITUDE 80 - 30 - 00
TOP LONGITUDE 80 - 30 - 00



Notes:
Well No. Burnside 1214 S-5H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,326.78'
E: 1,775,733.72'
Landing Point Coordinates
N: 14,205,728.00'
E: 1,774,797.60'
Bottom Hole Coordinates
N: 14,186,687.20'
E: 1,781,444.70'

| Tag | Bearing | Dist. | Description |
|-----|------------|----------|---------------|
| L1 | S 42°45' W | 1,600.7' | Threaded Pipe |
| L2 | N 68°32' W | 2,175.3' | Gate Post |
| L3 | N 54°22' W | 1,227.5' | #47-041-01847 |
| L4 | N 02°21' E | 691.6' | #47-041-02620 |

Notes: Well No. Burnside 1214 S-5H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'08.28" Latitude: 39°03'53.79"
Longitude: 80°31'23.06" Longitude: 80°30'11.94"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,097.063m N: 4,324,110.907m
E: 541,244.720m E: 542,985.431m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



I, the undersigned, hereby certify
that this plat is correct to the best
of my knowledge and belief and
shows all the information required
by law and the rules issued and
prescribed by the Department of
Environmental Protection.

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



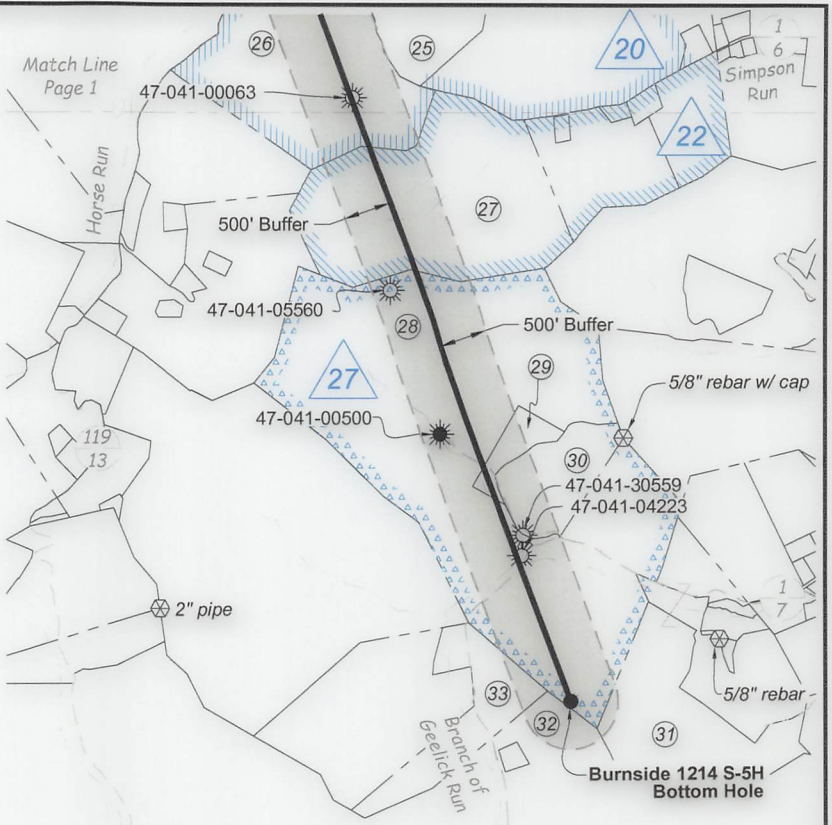
FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 S-5H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 S-5H
API WELL NO
47 - 041 - 05727
STATE COUNTY PERMIT

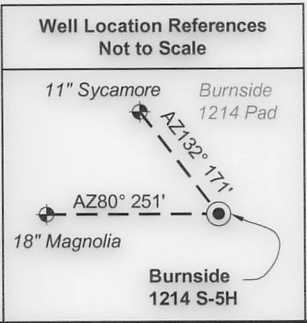
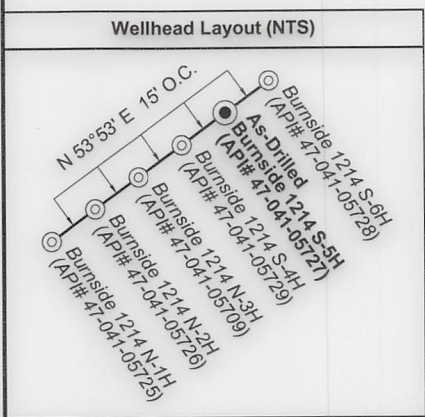
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: John K. Burnside, et al
ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,776' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,888' 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



| ID | Lease |
|----|------------------------------|
| 1 | J.S. Hall, et ux |
| 2 | W.J. Grant, et ux |
| 3 | Blonda S. Hall, et al |
| 4 | J.A. Burnside, et al |
| 6 | Mary C. Burnside, et vir |
| 7 | A. Brown, et ux |
| 8 | Dale Eugene Copens, et ux |
| 9 | N.A. Lovett, et ux |
| 11 | M.J. Hall, et ux |
| 13 | Aldo McKinley |
| 14 | F. McKinley |
| 15 | Lessie Rill Lantz, et al |
| 17 | S.A. Hall, et al |
| 20 | J.W. Kemper, et ux |
| 22 | James B. Lovett, et ux |
| 27 | Lot Hall, et ux |
| 29 | HG Energy II Appalachia, LLC |
| 39 | M.I. Metheny, et vir |
| 40 | Zina L. Kershner, et vir |

| 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.) |
| | Adjoinder surface tracts (approx.) |



| Lewis Co. - Freeman Creek Dist. | | | | |
|---------------------------------|-----------|------------------------------------|------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 6C / 3.2 | John K. Burnside, et al | 666 / 44 | 115.00 |
| 2 | 5C / 34 | Karina K. Rowe | 572 / 209 | 42.00 |
| 3 | 5C / 41.1 | Mike Ross, Inc. and Waco Oil & Gas | 676 / 133 | 2.09 |
| 4 | 5C / 35 | Robert S. Gtofely | 339 / 241 | 14.77 |
| 5 | 5C / 36 | Phillip E. Burnside | 766 / 831 | 0.71 |
| 6 | 5C / 32 | Robert S. Gtofely | 339 / 241 | 94.40 |
| 7 | 5C / 37 | Phillip E. Burnside | 766 / 831 | 83.75 |
| 8 | 5C / 41 | Phillip E. Burnside | 766 / 831 | 23.90 |
| 9 | 5C / 44 | John K. & Reta L. Burnside | 631 / 778 | 51.00 |
| 10 | 6C / 4 | James M. Evans III, et al | 657 / 228 | 294.00 |
| 11 | 5D / 60 | William R. Fultineer, et ux | 627 / 496 | 74.71 |
| 12 | 6C / 6 | Equitable Gas | 216 / 185 | 65.55 |
| 13 | 6C / 7 | Matthew S. & Tricia A. Jerden | 627 / 197 | 12.00 |
| 14 | 5D / 63 | Donald R. & Pamela J. Spinks | 574 / 573 | 8.00 |
| 15 | 6D / 1 | Robert L. & Lindsey R. Rittenhouse | 691 / 794 | 1.25 |
| 16 | 6D / 2 | Robert L. & Lindsey R. Rittenhouse | 691 / 794 | 74.75 |
| 17 | 6D / 3 | James H. Hall Trust | WB H / 147 | 194.50 |
| 18 | 6D / 5 | David B. & Wendall S. Hall | W29 / 176 | 196.50 |
| 19 | 6D / 10 | Sue E. Hall & Alice J. Fisher | W34 / 597 | 252.44 |
| 20 | 6D / 10.2 | WV American Water Company | 584 / 552 | 0.23 |
| 21 | 6D / 9 | Daniel E. & Alice J. Fisher | 658 / 108 | 25.00 |
| 22 | 6D / 5.1 | D. Brooks & Mary L. Hall | 361 / 739 | 1.51 |
| 23 | 6D / 8 | James S. & Tamara B. Wilson | 370 / 303 | 57.25 |
| 24 | 6D / 11 | Bradford A. & Michelle D. Taylor | 762 / 891 | 0.30 |
| 25 | 6D / 17.1 | Brian K. & Sherri Skidmore | 713 / 848 | 14.00 |
| 26 | 6D / 12 | Bradford & Michelle Taylor | 762 / 891 | 77.00 |
| 27 | 6E / 12 | James E. Gray, et al | 735 / 51 | 90.50 |
| 28 | 6E / 11.1 | Heartwood Forestland Fund VII | 666 / 124 | 235.87 |
| 29 | 6E / 11 | Heartwood Forestland Fund VII | 666 / 124 | 6.21 |
| 30 | 6E / 11.2 | Jonathan R. & Tracie M. Dodson | 632 / 203 | 21.92 |
| 31 | 6E / 17 | Heartwood Forestland Fund VII | 666 / 124 | 56.07 |
| 32 | 6E / 8 | Heartwood Forestland Fund VII | 666 / 124 | 93.90 |
| 33 | 6E / 9 | Heartwood Forestland Fund VII | 666 / 124 | 28.00 |

FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 S-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: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 S-5H
API WELL NO
47 - 041 - 05727
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek QUADRANGLE: Camden
DISTRICT: Freemans Creek COUNTY: Le **06/07/2024**
SURFACE OWNER: John K. Burnside, et al ACREAGE: 115.00
ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled 6,776' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,888' 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