

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

API 47 - 033 - 05975 County Harrison District Grant Union
Quad West Milford Pad Name Neel 1207 Field/Pool Name Lost Creek
Farm name Neel Well Number 1207 S10H
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 4333751.119 Easting 551638.406
Landing Point of Curve Northing 4333841.473 Easting 551832.698
Bottom Hole Northing 4329302.036 Easting 553511.500

Elevation (ft) 1344 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/ OBM

KCL, Barite, Lime, CaCL, base oil, clay, sulfatone, safevert FLG, safevert WA

Date permit issued 11/20/2019 Date drilling commenced 12/19/2019 Date drilling ceased 1/22/2021
Date completion activities began 2/22/2021 Date completion activities ceased 5/3/2021
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 80, 638 Open mine(s) (Y/N) depths N
Salt water depth(s) ft N/A Void(s) encountered (Y/N) depths N
Coal depth(s) ft 43,514,538,915,1046 Cavern(s) encountered (Y/N) depths N
Is coal being mined in area (Y/N) N

Reviewed by:

09/16/2022

API 47-033 - 05975 Farm name Neel Well number 1207 S10H

| 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 | 154.5 lbs/ft | | N |
| Surface | 26" | 20" | 1101 | New | 94 lbs/ft J-55 | | Yes |
| Coal | | | | | | | |
| Intermediate 1 | 17.5" | 13.375" | 2192 | New | 68 lbs/ft J-55 | | Yes |
| Intermediate 2 | 12.25" | 9.625" | 3000 | New | 40 lbs/ft J-55 | | Yes |
| Intermediate 3 | | | | | | | |
| Production | 8.5 | 5.5 | 23195 | New | 23 lbs/ft P-11 | | Yes |
| 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 | Drilled in | | | | | | |
| Surface | Class A | 501/2047 | 15.6/15.6 | 1.18/1.18 | 591/2415 | Surface | 8 |
| Coal | | | | | | | |
| Intermediate 1 | Class A | 1839/618 | 16.0/16.4 | 1.24/1.12 | 2280/692 | Surface | 24 |
| Intermediate 2 | Class A | 944 | 15.6 | 1.19 | 943 | Surface | 8 |
| Intermediate 3 | | | | | | | |
| Production | Class A | 309/532/421/3133 | 13.5/13.5/14.8/14.8 | 1.83/1.67/1.34/1.34 | 565/888/564/4198 | Surface | 8 |
| Tubing | | | | | | | |

Drillers TD (ft) ²³²¹³ _____ Loggers TD (ft) _____
 Deepest formation penetrated Marcellus Plug back to (ft) _____
 Plug back procedure _____

Kick off depth (ft) ⁶⁴⁵⁰ _____

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 placed on the shoe joint and every other joint to surface
 13.375" casing: centralizer run every joint to 20" casing then placed every 3 joints to surface
 9.625" casing: Centralizers run every other joint to 13.375" casing then placed every 3 joints to surface
 5.5" casing: Centralizer run every joint to top of curve (KOP) then centralizers placed every 3 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 _____

HG Energy II Appalachia, LLC

Neel 1207 S-10H

Perforation Record

| Stage # | Perf Date | Perf from depth | Perf to depth | Number of perfs | Formation |
|---------|-----------|-----------------|---------------|-----------------|-----------|
| Sleeve | 3/1/2021 | 23139 | 23111 | N/A | Marcellus |
| 2 | 3/2/2021 | 23,083 | 22,925 | 28 | Marcellus |
| 3 | 3/2/2021 | 22,889 | 22,730 | 28 | Marcellus |
| 4 | 3/3/2021 | 22,704 | 22,553 | 28 | Marcellus |
| 5 | 3/3/2021 | 22,519 | 22,358 | 28 | Marcellus |
| 6 | 3/3/2021 | 22,340 | 22,182 | 28 | Marcellus |
| 7 | 3/7/2021 | 22,157 | 21,985 | 28 | Marcellus |
| 8 | 3/7/2021 | 21,968 | 21,808 | 28 | Marcellus |
| 9 | 3/7/2021 | 21,781 | 21,622 | 28 | Marcellus |
| 10 | 3/8/2021 | 21,596 | 21,435 | 28 | Marcellus |
| 11 | 3/8/2021 | 21,400 | 21,232 | 28 | Marcellus |
| 12 | 3/9/2021 | 21,193 | 21,025 | 28 | Marcellus |
| 13 | 3/9/2021 | 20,988 | 20,815 | 28 | Marcellus |
| 14 | 3/9/2021 | 20,779 | 20,605 | 28 | Marcellus |
| 15 | 3/10/2021 | 20,578 | 20,403 | 28 | Marcellus |
| 16 | 3/10/2021 | 20,378 | 20,218 | 28 | Marcellus |
| 17 | 3/10/2021 | 20,193 | 20,034 | 28 | Marcellus |
| 18 | 3/11/2021 | 20,008 | 19,844 | 28 | Marcellus |
| 19 | 3/11/2021 | 19,819 | 19,659 | 28 | Marcellus |
| 20 | 3/11/2021 | 19,627 | 19,473 | 28 | Marcellus |
| 21 | 3/12/2021 | 19,446 | 19,275 | 28 | Marcellus |
| 22 | 3/12/2021 | 19,248 | 19,087 | 28 | Marcellus |
| 23 | 3/13/2021 | 19,055 | 18,897 | 28 | Marcellus |
| 24 | 3/13/2021 | 18,866 | 18,688 | 28 | Marcellus |
| 25 | 3/13/2021 | 18,652 | 18,485 | 28 | Marcellus |
| 26 | 3/14/2021 | 18,445 | 18,271 | 28 | Marcellus |
| 27 | 3/14/2021 | 18,249 | 18,067 | 28 | Marcellus |
| 28 | 3/15/2021 | 18,036 | 17,866 | 28 | Marcellus |
| 29 | 3/16/2021 | 17,837 | 17,660 | 28 | Marcellus |
| 30 | 3/16/2021 | 17,631 | 17,451 | 28 | Marcellus |
| 31 | 3/16/2021 | 17,431 | 17,254 | 28 | Marcellus |
| 32 | 3/16/2021 | 17,217 | 17,044 | 28 | Marcellus |
| 33 | 3/17/2021 | 17,012 | 16,833 | 28 | Marcellus |
| 34 | 3/17/2021 | 16,803 | 16,636 | 28 | Marcellus |
| 35 | 3/17/2021 | 16,602 | 16,431 | 28 | Marcellus |
| 36 | 3/18/2021 | 16,396 | 16,219 | 28 | Marcellus |
| 37 | 3/18/2021 | 16,186 | 16,019 | 28 | Marcellus |
| 38 | 3/18/2021 | 15,980 | 15,812 | 28 | Marcellus |
| 39 | 3/18/2021 | 15,778 | 15,610 | 28 | Marcellus |
| 40 | 3/19/2021 | 15,581 | 15,411 | 28 | Marcellus |
| 41 | 3/19/2021 | 15,378 | 15,227 | 28 | Marcellus |
| 42 | 3/19/2021 | 15,199 | 15,037 | 28 | Marcellus |
| 43 | 3/20/2021 | 15,009 | 14,840 | 28 | Marcellus |
| 44 | 3/20/2021 | 14,823 | 14,664 | 28 | Marcellus |
| 45 | 3/20/2021 | 14,638 | 14,476 | 28 | Marcellus |
| 46 | 3/20/2021 | 14,442 | 14,284 | 28 | Marcellus |
| 47 | 3/21/2021 | 14,263 | 14,082 | 28 | Marcellus |
| 48 | 3/21/2021 | 14,048 | 13,882 | 28 | Marcellus |
| 49 | 3/21/2021 | 13,855 | 13,687 | 28 | Marcellus |
| 50 | 3/22/2021 | 13,650 | 13,480 | 28 | Marcellus |
| 51 | 3/22/2021 | 13,448 | 13,271 | 28 | Marcellus |
| 52 | 3/22/2021 | 13,246 | 13,069 | 28 | Marcellus |
| 53 | 3/23/2021 | 13,040 | 12,891 | 28 | Marcellus |
| 54 | 3/23/2021 | 12,858 | 12,703 | 28 | Marcellus |
| 55 | 3/23/2021 | 12,675 | 12,513 | 28 | Marcellus |

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| | | | | | |
|----|-----------|--------|--------|----|-----------|
| 56 | 3/23/2021 | 12,489 | 12,330 | 28 | Marcellus |
| 57 | 3/24/2021 | 12,298 | 12,133 | 28 | Marcellus |
| 58 | 3/24/2021 | 12,109 | 11,950 | 28 | Marcellus |
| 59 | 3/24/2021 | 11,922 | 11,757 | 28 | Marcellus |
| 60 | 3/24/2021 | 11,737 | 11,570 | 28 | Marcellus |
| 61 | 3/25/2021 | 11,543 | 11,380 | 28 | Marcellus |
| 62 | 3/25/2021 | 11,363 | 11,191 | 28 | Marcellus |
| 63 | 3/25/2021 | 11,169 | 11,010 | 28 | Marcellus |
| 64 | 3/25/2021 | 10,977 | 10,817 | 28 | Marcellus |
| 65 | 3/26/2021 | 10794 | 10635 | 28 | Marcellus |
| 66 | 3/26/2021 | 10606 | 10437 | 28 | Marcellus |
| 67 | 3/26/2021 | 10409 | 10242 | 28 | Marcellus |
| 68 | 3/26/2021 | 10217 | 10058 | 28 | Marcellus |
| 69 | 3/26/2021 | 10031 | 9870 | 28 | Marcellus |
| 70 | 3/27/2021 | 9844 | 9673 | 28 | Marcellus |
| 71 | 3/27/2021 | 9657 | 9487 | 28 | Marcellus |
| 72 | 3/27/2021 | 9471 | 9305 | 28 | Marcellus |
| 73 | 3/28/2021 | 9281 | 9124 | 28 | Marcellus |
| 74 | 3/28/2021 | 9093 | 8931 | 28 | Marcellus |
| 75 | 3/28/2021 | 8913 | 8743 | 28 | Marcellus |
| 76 | 3/28/2021 | 8715 | 8561 | 28 | Marcellus |
| 77 | 3/28/2021 | 8535 | 8357 | 28 | Marcellus |
| 78 | 3/29/2021 | 8319 | 8147 | 28 | Marcellus |
| 79 | 3/29/2021 | 8114 | 7945 | 28 | Marcellus |
| 80 | 3/29/2021 | 7923 | 7740 | 28 | Marcellus |
| 81 | 3/29/2021 | 7714 | 7532 | 28 | Marcellus |
| 82 | 3/30/2021 | 7502 | 7333 | 28 | Marcellus |

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**Neel 1207 S10H
Stimulation Record**

| Stage # | Perf Date | Ave pump rate (BPM) | Ave Treatment Press (PSI) | Max Breakdown Pressure (PSI) | ISIP (PSI) | Proppant (LBS) | Water (BBLs) |
|---------|-----------|---------------------|---------------------------|------------------------------|------------|----------------|--------------|
| Sleeve | 3/1/2021 | 71.0 | 9427 | N/A | 3986 | 270051 | 6845 |
| 2 | 3/2/2021 | 79.0 | 9,942 | 6,820 | 4,980 | 702,175 | 14,895 |
| 3 | 3/2/2021 | 77.0 | 10,049 | 5,893 | 4,986 | 700,898 | 15,824 |
| 4 | 3/3/2021 | 73.6 | 9,991 | N/A | 5,398 | 704,200 | 13,654 |
| 5 | 3/3/2021 | 77.3 | 10,062 | 7,316 | 5,960 | 703,600 | 13,593 |
| 6 | 3/3/2021 | 78.8 | 10,131 | 7,043 | 5,790 | 705,400 | 12,552 |
| 7 | 3/7/2021 | 80.0 | 10,224 | 7,352 | 5,693 | 702,236 | 12,820 |
| 8 | 3/7/2021 | 83.4 | 10,076 | 6,383 | 6,570 | 705,500 | 12,134 |
| 9 | 3/7/2021 | 81.0 | 10,043 | 6,368 | 5,399 | 705,440 | 11,674 |
| 10 | 3/8/2021 | 77.3 | 10,043 | 5,777 | 5,420 | 706,100 | 11,023 |
| 11 | 3/8/2021 | 81.0 | 10,141 | 6,623 | 5,399 | 707,620 | 11,148 |
| 12 | 3/9/2021 | 79.1 | 9,864 | 6,602 | 5,560 | 708,300 | 9,911 |
| 13 | 3/9/2021 | 84.3 | 9,862 | 6,710 | 6,600 | 706,100 | 9,938 |
| 14 | 3/9/2021 | 90.0 | 10,095 | 6,447 | 5,477 | 705,766 | 9,845 |
| 15 | 3/10/2021 | 84.2 | 9,923 | 6,407 | 5,710 | 706,500 | 9,875 |
| 16 | 3/10/2021 | 86.2 | 10,172 | 6,696 | 5,690 | 707,900 | 10,050 |
| 17 | 3/10/2021 | 87.0 | 10,461 | 6,673 | 5,541 | 705,238 | 9,976 |
| 18 | 3/11/2021 | 83.9 | 10,086 | 6,606 | 5,810 | 708,500 | 10,675 |
| 19 | 3/11/2021 | 85.8 | 9,980 | 6,811 | 6,125 | 711,400 | 9,927 |
| 20 | 3/11/2021 | 90.5 | 9,893 | 6,805 | 5,874 | 706,100 | 9,841 |
| 21 | 3/12/2021 | 87.5 | 10,036 | 6,488 | 5,890 | 708,200 | 9,718 |
| 22 | 3/12/2021 | 88.3 | 9,911 | 6,120 | 5,919 | 705,500 | 9,691 |
| 23 | 3/13/2021 | 92.8 | 10,048 | 6,075 | 6,140 | 706,200 | 9,782 |
| 24 | 3/13/2021 | 88.9 | 10,001 | 6,622 | 5,375 | 706,550 | 9,699 |
| 25 | 3/13/2021 | 90.3 | 9,765 | 6,402 | 5,660 | 705,600 | 9,873 |
| 26 | 3/14/2021 | 93.1 | 9,702 | 6,163 | 5,580 | 706,200 | 9,843 |
| 27 | 3/14/2021 | 93.3 | 9,816 | 5,898 | 5,513 | 705,480 | 9,920 |
| 28 | 3/15/2021 | 89.9 | 10,013 | 6,181 | 11,000 | 669,500 | 10,131 |
| 29 | 3/16/2021 | 91.7 | 9,753 | 6,072 | 5,384 | 705,770 | 10,099 |
| 30 | 3/16/2021 | 91.7 | 9,556 | 6,864 | 6,320 | 700,600 | 9,580 |
| 31 | 3/16/2021 | 92.7 | 9,581 | 5,960 | 5,780 | 700,000 | 9,588 |
| 32 | 3/16/2021 | 97.2 | 9,916 | 5,445 | 5,795 | 699,560 | 9,553 |
| 33 | 3/17/2021 | 96.0 | 10,178 | 6,699 | 5,450 | 701,000 | 10,456 |
| 34 | 3/17/2021 | 100.4 | 10,044 | 6,177 | 5,824 | 701,600 | 9,805 |
| 35 | 3/17/2021 | 101.5 | 10,006 | 5,942 | 5,626 | 700,980 | 9,640 |
| 36 | 3/18/2021 | 101.2 | 10,060 | 6,275 | 5,215 | 634,600 | 9,281 |
| 37 | 3/18/2021 | 103.9 | 9,994 | 6,186 | 5,651 | 703,500 | 9,514 |
| 38 | 3/18/2021 | 106.8 | 10,111 | 6,000 | 5,641 | 699,900 | 9,467 |
| 39 | 3/18/2021 | 103.3 | 9,985 | 6,318 | 4,944 | 700,260 | 9,572 |
| 40 | 3/19/2021 | 105.4 | 9,912 | 5,802 | 5,291 | 700,700 | 9,496 |
| 41 | 3/19/2021 | 106.7 | 10,212 | 5,886 | 5,564 | 701,400 | 9,365 |
| 42 | 3/19/2021 | 105.7 | 10,077 | 5,830 | 4,764 | 700,490 | 9,412 |
| 43 | 3/20/2021 | 105.4 | 10,040 | 5,376 | 4,886 | 700,800 | 9,578 |
| 44 | 3/20/2021 | 105.6 | 9,896 | 4,886 | 5,048 | 585,500 | 8,878 |
| 45 | 3/20/2021 | 108.1 | 9,950 | 5,959 | 4,994 | 700,260 | 9,485 |
| 46 | 3/20/2021 | 107.2 | 9,835 | 5,734 | 5,558 | 699,500 | 9,520 |
| 47 | 3/21/2021 | 109.0 | 9,902 | 5,089 | 5,505 | 701,300 | 9,471 |
| 48 | 3/21/2021 | 110.5 | 9,727 | 5,348 | 5,117 | 699,400 | 9,457 |
| 49 | 3/21/2021 | 106.0 | 9,496 | 5,345 | 4,990 | 700,300 | 9,762 |
| 50 | 3/22/2021 | 109.2 | 9,674 | 4,867 | 5,449 | 703,600 | 9,569 |
| 51 | 3/22/2021 | 108.0 | 9,470 | 4,677 | 4,814 | 703,300 | 9,302 |
| 52 | 3/22/2021 | 106.8 | 9,692 | 5,192 | 5,261 | 669,950 | 9,940 |
| 53 | 3/23/2021 | 107.8 | 9,540 | 5,569 | 4,651 | 670,590 | 9,331 |

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| | | | | | | | |
|----|-----------|-------|-------|-------|-------|---------|-------|
| 54 | 3/23/2021 | 108 | 9,817 | 5,852 | 4,583 | 669,030 | 9,491 |
| 55 | 3/23/2021 | 109 | 9,565 | 5,332 | 5,745 | 670,120 | 9,297 |
| 56 | 3/23/2021 | 102.1 | 9,990 | 5,761 | 5,220 | 378,720 | 8,294 |
| 57 | 3/24/2021 | 110 | 9,503 | 5,258 | 5,311 | 671,820 | 9,469 |
| 58 | 3/24/2021 | 110 | 9,689 | 5,279 | 4,453 | 673,480 | 9,370 |
| 59 | 3/24/2021 | 109 | 9,709 | 5,922 | 4,689 | 672,380 | 9,253 |
| 60 | 3/24/2021 | 106.8 | 9,790 | 6,334 | 5,400 | 670,880 | 9,354 |
| 61 | 3/25/2021 | 107.6 | 9,765 | 6,400 | 5,040 | 671,420 | 9,337 |
| 62 | 3/25/2021 | 108 | 9,672 | 4,279 | 4,875 | 671,020 | 9,317 |
| 63 | 3/25/2021 | 108 | 9,623 | 6,071 | 4,691 | 670,830 | 9,293 |
| 64 | 3/25/2021 | 110.5 | 9,365 | 5,600 | 4,918 | 672,260 | 9,251 |
| 65 | 3/26/2021 | 109.5 | 9,362 | 6,498 | 4,640 | 670110 | 9,474 |
| 66 | 3/26/2021 | 110 | 9,451 | 6,637 | 5,160 | 669700 | 9,416 |
| 67 | 3/26/2021 | 109 | 9,038 | 5,683 | 4,927 | 672260 | 9,313 |
| 68 | 3/26/2021 | 110.8 | 9,396 | 6,363 | 4,774 | 674020 | 9,325 |
| 69 | 3/26/2021 | 110.2 | 8,803 | 5,631 | 5,060 | 670460 | 9,349 |
| 70 | 3/27/2021 | 110 | 8,748 | 5,385 | 5,080 | 670640 | 9,385 |
| 71 | 3/27/2021 | 110 | 8,463 | 4,986 | 4,386 | 669940 | 9,332 |
| 72 | 3/27/2021 | 111.3 | 8,695 | 5,639 | 4,780 | 671260 | 9,269 |
| 73 | 3/28/2021 | 109.7 | 8,778 | 5,891 | 5,820 | 671070 | 9,227 |
| 74 | 3/28/2021 | 107 | 8,676 | 4,959 | 5,012 | 670560 | 9,218 |
| 75 | 3/28/2021 | 108 | 8,263 | 4,283 | 4,500 | 671580 | 9,134 |
| 76 | 3/28/2021 | 108.5 | 8,120 | 5,645 | 4,434 | 671760 | 9,215 |
| 77 | 3/28/2021 | 109.7 | 8,160 | 5,486 | 5,220 | 671020 | 9,552 |
| 78 | 3/29/2021 | 110 | 8,366 | 5,542 | 5,707 | 670600 | 9,562 |
| 79 | 3/29/2021 | 109 | 8,744 | 5,792 | 4,368 | 671330 | 9,505 |
| 80 | 3/29/2021 | 109 | 8,259 | 6,218 | 4,572 | 674120 | 9,443 |
| 81 | 3/29/2021 | 109.2 | 8,158 | 6,054 | 5,180 | 671380 | 9,487 |
| 82 | 3/30/2021 | 108 | 7,987 | 6,231 | 5,040 | 656510 | 9,374 |

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HG Energy II Appalachia, LLC
Neel 1207 S-10H
Lithology Report

| Formation | Top MD | TVD | Base MD | TVD |
|-------------------|---------------|------------|----------------|------------|
| Coal | 430 | 430 | 434 | 434 |
| Coal | 514 | 514 | 516 | 516 |
| Coal | 538 | 538 | 546 | 546 |
| Coal | 915 | 915 | 918 | 918 |
| 1st Salt Sand | 910 | 910 | 1010 | 1010 |
| Coal | 1046 | 1046 | 1054 | 1054 |
| 2nd Salt Sand | 1069 | 1069 | 1202 | 1202 |
| 20" casing | | 1128 | | |
| 3rd Salt Sand | 1202 | 1202 | 1256 | 1256 |
| Lower Maxton | 1492 | 1492 | 1518 | 1518 |
| Little Lime | 1542 | 1542 | 1556 | 1556 |
| Big Lime | 1584 | 1584 | 1646 | 1646 |
| Big Injun | 1646 | 1646 | 1756 | 1756 |
| Gantz | 1968 | 1968 | 2030 | 2030 |
| 50' Sand | 2074 | 2074 | 2140 | 2140 |
| 30 foot Sand | 2181 | 2181 | 2191 | 2191 |
| 13-3/8" casing | | 2173 | | |
| Gordon Stray | 2219 | 2219 | 2279 | 2279 |
| Gordon/Forth Sand | 2279 | 2279 | 2466 | 2466 |
| 5th Sand | 2526 | 2526 | 2538 | 2538 |
| Bayard | 2592 | 2592 | 2602 | 2602 |
| Warren | 2893 | 2892 | 2933 | 2932 |
| 9-5/8' Casing | | 3000 | | |
| Speechley | 3199 | 3198 | 3217 | 3216 |
| Balltown | 3430 | 3426 | 3441 | 3438 |
| Benson | 4550 | 4524 | 4567 | 4540 |
| Rhinestreet | 5865 | 5812 | 6580 | 6511 |
| Cashaqua | 6580 | 6511 | 6794 | 6718 |
| Middlesex | 6794 | 6718 | 6898 | 6816 |
| West River | 6898 | 6816 | 7024 | 6930 |
| Burket | 7024 | 6930 | 7084 | 6979 |
| Tully | 7084 | 6979 | 7221 | 7079 |
| Hamilton | 7221 | 7079 | 7321 | 7135 |
| Marcellus | 7321 | 7135 | 23213 | 7193 |



| | |
|--------------------------------|---------------------|
| Fracture Start Date/Time | 3/12/20 22:15 |
| Fracture End Date/Time | 3/30/21 14:33 |
| State | West Virginia |
| County | Harrison |
| API Number | 47-033-05975-0000 |
| Operator Name | HG Energy |
| Well Name | Well 1207 South 10H |
| Federal Well | Yes |
| Critical Well | No |
| Leaky/Seal | 30,402386 |
| Leakage | 39,151437 |
| Leakage | NAD27 |
| True Vertical Depth (TVDB) | 7,371' |
| Total Clean Fluid Volume (gal) | 35,239,512 |

Ingredients Section:

| Trade Name | Supplier | Purpose | Ingredients | Chemical Abstract Service Number (CAS #) | Maximum Ingredient Concentration in Additive (% by mass) ** | Mass per Component (LBS) | Maximum Ingredient Concentration in HF Fluid (% by mass) ** | Comments | Claimant Company |
|--------------------------|-----------|----------------------------------|---|--|---|--------------------------|---|--------------------------|------------------|
| Water | HG Energy | Carrier/Basic Fluid | Water | 7732-18-5 | 100.000% | 294,473,728 | 24.65370% | Water | |
| Sand (100 Mesh Proppant) | US Silica | Proppant | Silica Substrate | 14808-60-7 | 100.000% | 6,151,299 | 1.75824% | Sand (100 Mesh Proppant) | |
| Sand (40/70 Proppant) | US Silica | Proppant | Silica Substrate | 14808-60-7 | 100.000% | 49,586,027 | 14.17528% | Sand (40/70 Proppant) | |
| Hydrochloric Acid (28%) | Dover | Acidizing | Hydrochloric Acid [Hydrogen Chloride] | 7732-18-5 | 36.009% | 15,467 | 0.00442% | Hydrochloric Acid (28%) | |
| NEFE-180 | Dover | Corrosion Inhibitor/Iron Control | Water | 7732-18-5 | 64.009% | 27,486 | 0.00726% | Hydrochloric Acid (28%) | |
| | | | Acetic acid | 64-19-7 | 89.009% | 1,979 | 0.00047% | NEFE-180 | |
| | | | Methanol | 67-56-1 | 40.009% | 710 | 0.00020% | NEFE-180 | |
| | | | Fatty acids, tall oil | 104-76-7 | 5.009% | 89 | 0.00002% | NEFE-180 | |
| | | | Coconut oil acid diethanolamine | 68603-42-9 | 5.009% | 89 | 0.00002% | NEFE-180 | |
| | | | Alcohols (C14-15, ethoxylated 2-Propyl-1-ol | 68951-67-7 | 5.009% | 89 | 0.00002% | NEFE-180 | |
| | | | | 107-19-7 | | 89 | | NEFE-180 | |

| Additive | Specific Gravity | Additive Quantity | Mass (lbs) |
|--------------------------|------------------|-------------------|-------------|
| Water | 1.00 | 35,239,512 | 294,473,728 |
| Sand (100 Mesh Proppant) | 2.65 | 6,151,299 | 61,517,299 |
| Sand (40/70 Proppant) | 2.65 | 49,586,027 | 49,586,027 |
| Hydrochloric Acid (28%) | 1.12 | 42,963 | 42,963 |
| NEFE-180 | 0.99 | 215 | 1,775 |

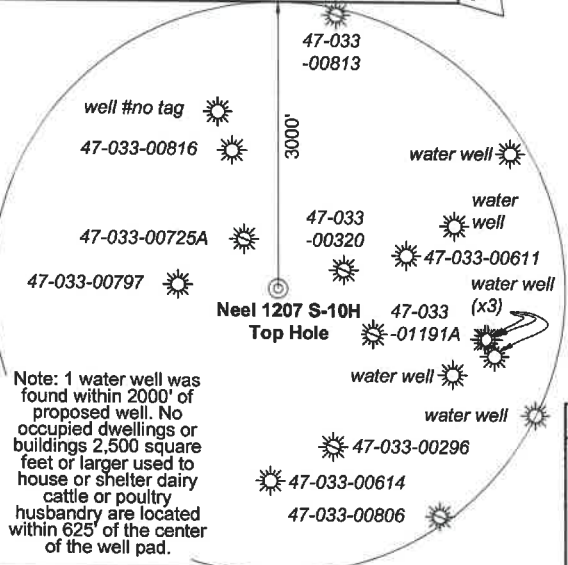
09/16/2022

HG Energy II Appalachia, LLC
Well No. Neel 1207 S-10H
As-Drilled
 Page 1 of 4

Notes:
 Well No. Neel 1207 S-10H
 UTM NAD 1983 (USSF)
 Top Hole Coordinates
 N: 14,218,315.13'
 E: 1,809,833.67'
 Landing Point Coordinates
 N: 14,218,597.12'
 E: 1,810,469.27'
 Bottom Hole Coordinates
 N: 14,203,718.43'
 E: 1,815,978.98'

- 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.)
 - Interior surface tracts (approx.)

Notes: Well No. Neel 1207 S-10H
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Top Hole coordinates Bottom Hole coordinates
 Latitude: 39°09'04.81" Latitude: 39°06'40.08"
 Longitude: 80°24'09.25" Longitude: 80°22'52.49"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,333,751.119m N: 4,329,302.036m
 E: 551,638.406m E: 553,511.500m
 Plat orientation and corner and well references are
 based upon the grid north meridian. Well location
 references are based upon the magnetic meridian.

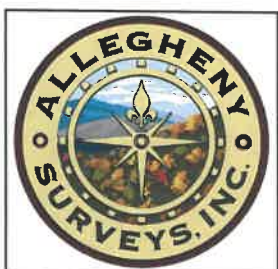


| Tag | Bearing | Dist. |
|-----|------------|----------|
| L1 | S 02°54' E | 1,494.2' |
| L2 | S 16°29' W | 1,583.6' |
| L3 | S 75°02' W | 2,144.3' |
| L4 | N 73°36' W | 976.0' |

7,816' to Top Hole
 1,772' to Bottom Hole

TOP LATITUDE 39 - 10 - 00
 BTM LATITUDE 39 - 07 - 30

LONGITUDE 80 - 22 - 30
 5,049' to Bottom Hole
 5,584' to Top Hole



Bottom Hole
 7.5' Spot



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

Harrison County
 Lewis County

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

DATE: April 7 2021
 OPERATOR'S WELL NO. Neel 1207 S-10H
 API WELL NO
 47 - 033 - 05975
 STATE COUNTY PERMIT

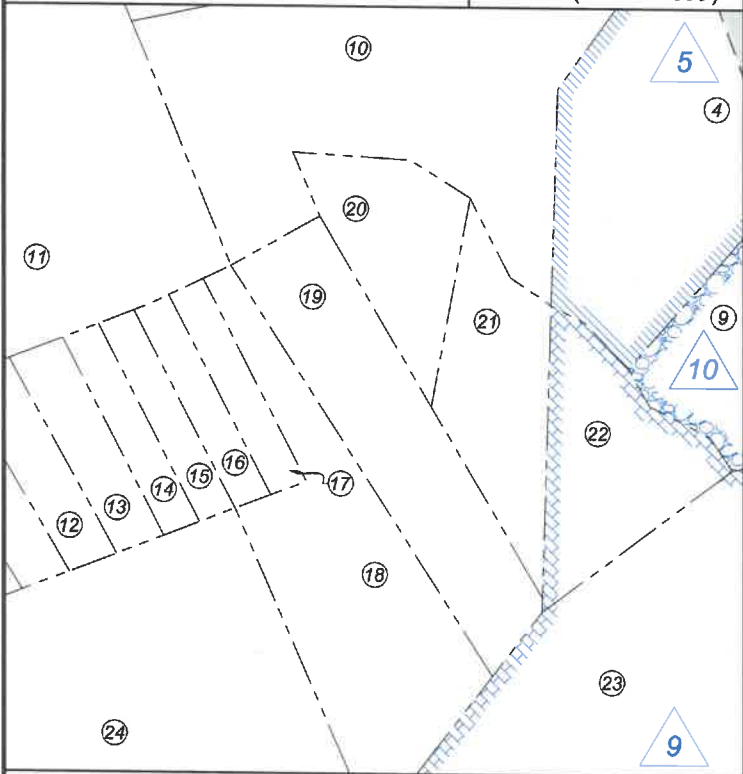
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
 (IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek
 DISTRICT: Grant
 SURFACE OWNER: HG Energy II Appalachia, LLC
 ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH - MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,194' TVD 23,213' MD

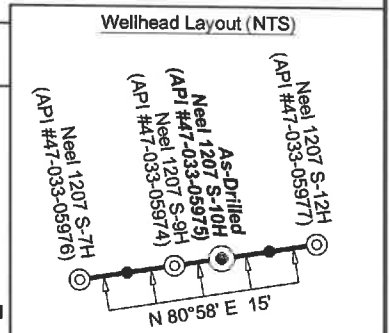
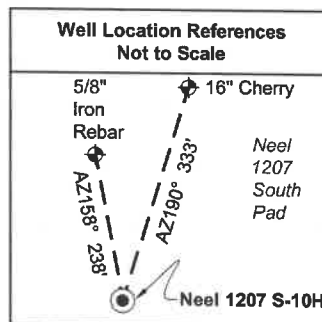
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
 ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
 Parkersburg, WV 26101 Parkersburg, WV 26101



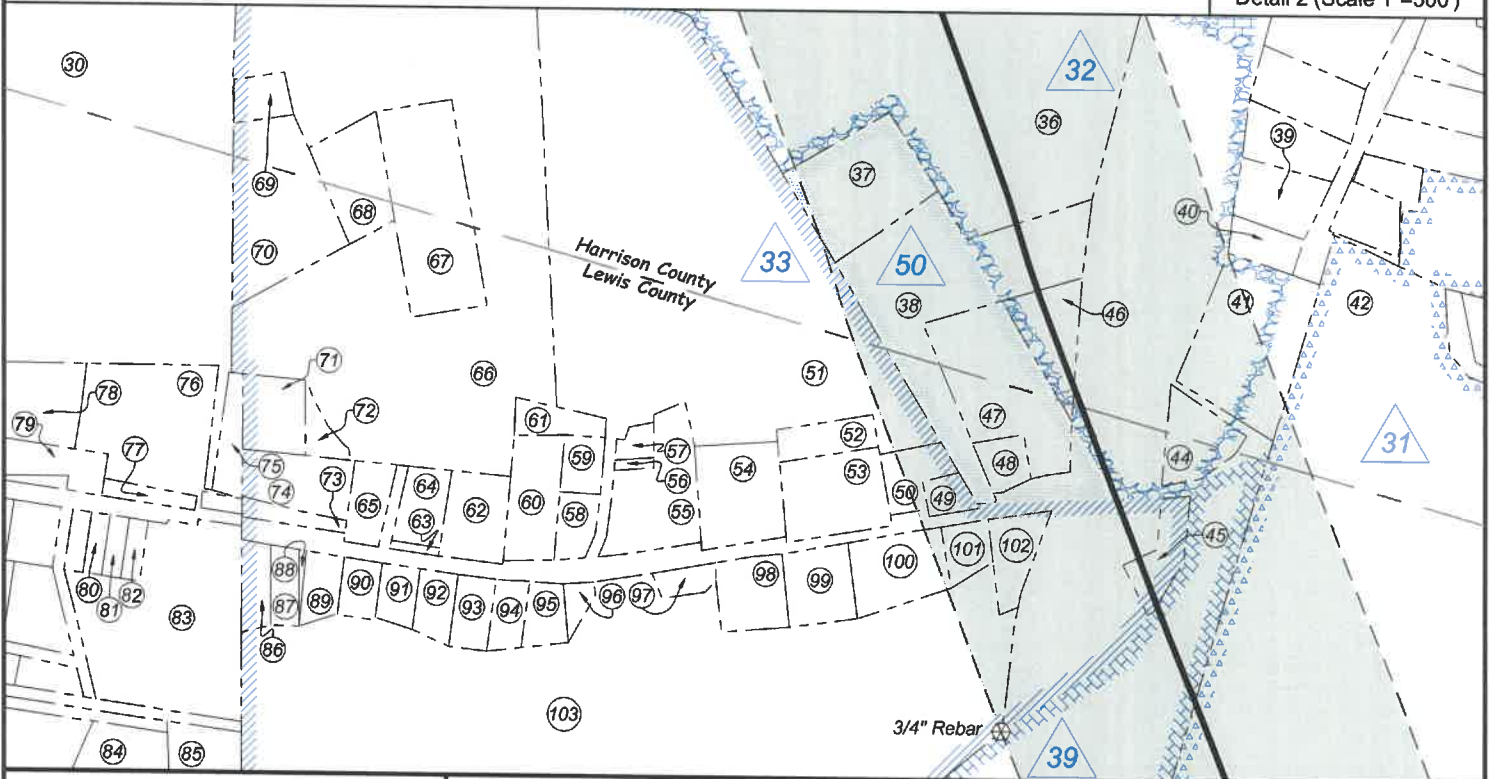
Detail 1 (Scale 1"=500')



| ID | Lease |
|----|--|
| 3 | Dora B. McWhorter, et al |
| 5 | Union National Bank Trustee of Gore Morris |
| 9 | William H. & Fannie M. Horner |
| 10 | Hazel Chandler |
| 11 | William L. Horner, et al |
| 16 | Robert F. Martin, et al |
| 17 | Robert F. Martin, et al |
| 22 | Nathan G. & Dora E. McWhorter |
| 26 | Hunter Cooper, et al |
| 31 | J.A. Shock, et ux |
| 32 | James W. Rogers, et al |
| 33 | Hugh Davis, et al |
| 39 | Virginia A. Nepps |
| 40 | Myrtle Edmonds, et al |
| 41 | Myrtle Edmonds, et al |
| 44 | J.W.C. Kolb, et ux |
| 50 | Dale McWhorter, et al |



Detail 2 (Scale 1"=500')



FILE NO: 296-36-G-18
DRAWING NO: Neel 1207 S-10H ADWP
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: April 7 2021
OPERATOR'S WELL NO. Neel 1207 S-10H
API WELL NO
47 - 033 - 05975
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek
DISTRICT: Grant

Top: West Milford
QUADRANGLE: Btm: Weston

SURFACE OWNER: HG Energy II Appalachia, LLC
ROYALTY OWNER: Dora B. McWhorter, et al

COUNTY: Harrison
ACREAGE: 89.07

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,213' MD 7,194' TVD

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

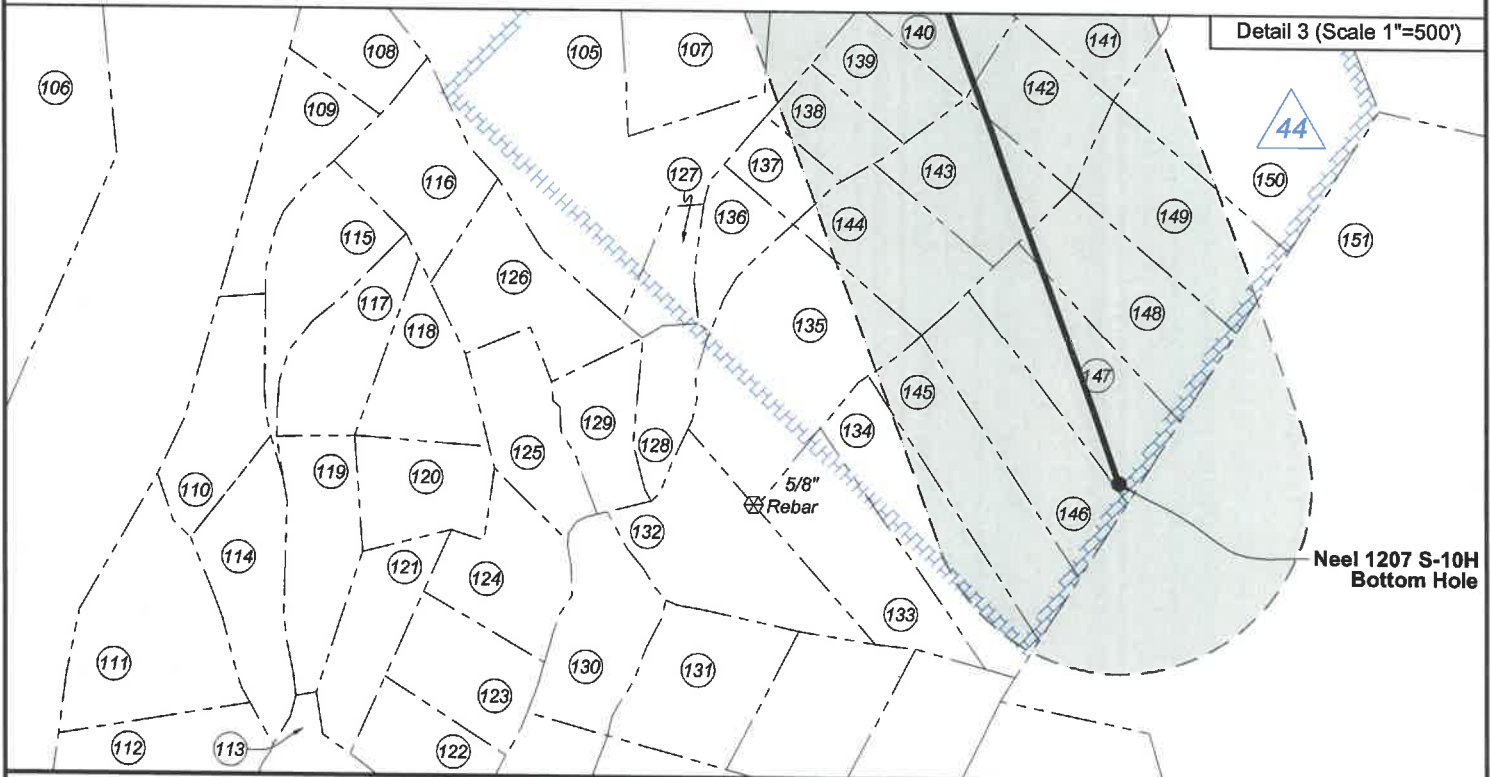
DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

09/16/2022



| Harrison Co. - Grant Dist. | | | | |
|----------------------------|------------|---------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 445 / 5 | HG Energy II Appalachia, LLC | --- / --- | 89.07 |
| 2 | 445 / 3 | Lisa M. Nutter | W188 / 687 | 64.00 |
| 3 | 445 / 12 | Lisa M. Nutter | W188 / 687 | 64.50 |
| 4 | 445 / 13 | Mickey Pettito | W175 / 1167 | 132.85 |
| 5 | 445 / 13.1 | Martha E. Lambert | --- / --- | 26.77 |
| 6 | 445 / 14 | Martha E. Lambert | 1276 / 582 | 2.61 |
| 7 | 445 / 15.1 | Martha E. Lambert | 1276 / 582 | 35.00 |
| 8 | 445 / 15 | Margaret S. Fisher | 1276 / 576 | 49.69 |
| 9 | 445 / 28 | Margaret S. Fisher | 1200 / 626 | 28.75 |
| 10 | 445 / 26 | Leland Freeman | W188 / 329 | 15.25 |
| 11 | 445 / 25 | Leland Jackson Freeman | W167 / 371 | 21.00 |
| 12 | 445 / 35.1 | Robert Freeman | 1510 / 178 | 1.85 |
| 13 | 445 / 35 | Robert Freeman | 1266 / 521 | 3.82 |
| 14 | 445 / 36 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 15 | 445 / 37 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 16 | 445 / 38 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 17 | 445 / 39 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 18 | 445 / 40 | Leland Jackson Freeman | W167 / 371 | 8.20 |
| 19 | 445 / 41 | Charles Sutton | --- / --- | 7.40 |
| 20 | 445 / 42 | Ivy Myrtle Freeman | W56 / 47 | 4.80 |
| 21 | 445 / 42.1 | Charles R. Sutton | --- / --- | 3.00 |
| 22 | 445 / 43 | Charles R. & Franklin L. Sutton | 1623 / 1057 | 4.65 |

| Harrison Co. - Grant Dist. | | | | |
|----------------------------|------------|---------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 23 | 445 / 47 | Charles R. & Franklin L. Sutton | 1623 / 1057 | 78.00 |
| 24 | 445 / 46 | James W. Riffle II, et al | 1385 / 259 | 140.43 |
| 25 | 445 / 15 | Margaret S. Fisher | 1276 / 576 | 49.69 |
| 26 | 446 / 30 | Charles R. Sutton | 1535 / 207 | 29.00 |
| 27 | 446 / 31 | Richard L. Hawkins, Jr. | 1569 / 982 | 58.96 |
| 28 | 465 / 10 | Catherine D. Weber | 1495 / 458 | 81.50 |
| 29 | 465 / 4.1 | J. Gregory & Rebecca Moore | 1421 / 350 | 353.80 |
| 30 | 465 / 1 | Catherine D. Weber | 1495 / 458 | 103.72 |
| 31 | 466 / 5 | Mary Reel | 1244 / 948 | 75.48 |
| 32 | 466 / 4 | Mary Reel | 1244 / 948 | 10.90 |
| 33 | 466 / 2 | Worthey E. & Connie S. Poe | 1240 / 388 | 16.70 |
| 34 | 466 / 1 | Worthey E. & Connie S. Poe | 1240 / 388 | 25.16 |
| 35 | 466 / 20 | Worthey E. & Connie S. Poe | 1240 / 388 | 49.24 |
| 36 | 466 / 39.1 | Worthey E. & Connie S. Poe | 1240 / 388 | 28.88 |
| 37 | 466 / 57.1 | Martha L. Davis | W168 / 435 | 1.91 |
| 38 | 466 / 57.2 | Vicki & Michael Davis | 1198 / 1125 | 4.16 |
| 39 | 466 / 57.2 | Vicki & Michael Davis | 1198 / 1125 | 4.16 |
| 40 | 466 / 41 | Dominioin Transmission | A158 / 362 | 0.77 |
| 41 | 466 / 59 | David & Ladonna Manley | 1380 / 151 | 1.68 |
| 42 | 466 / 40 | Frank N. Wine, Jr. & III | 1596 / 809 | 42.04 |
| 43 | 465 / -- | Unknown Parcel | --- / --- | 16.52 |



FILE NO: 296-36-G-18
 DRAWING NO: Neel 1207 S-10H ADWP
 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: April 7 2021
 OPERATOR'S WELL NO. Neel 1207 S-10H
 API WELL NO
 47 - 033 - 05975
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek
 DISTRICT: Grant
 SURFACE OWNER: HG Energy II Appalachia, LLC
 ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH - MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,194' TVD 23,213' 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



| Lewis Co. - Hackers Creek Dist. | | | | |
|---------------------------------|-----------|---------------------------------|-----------|-------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 44 | 9C / 49 | Timothy Dean Skinner | W4 / 706 | 1.35 |
| 45 | 9C / 50 | Sharon Lee Allman | W47 / 298 | 0.73 |
| 46 | 9C / 46 | Josephine M. Richardson | 681 / 790 | 0.80 |
| 47 | 9C / 47 | Josephine M. Richardson | 681 / 790 | 2.36 |
| 48 | 9C / 45 | Josephine M. Richardson | 681 / 790 | 0.40 |
| 49 | 9C / 5.2 | James R. & Sharon L. Allman | 357 / 369 | 0.27 |
| 50 | 9C / 5.11 | James R. & Sharon L. Allman | 582 / 388 | 0.54 |
| 51 | 9C / 5 | Steven Davis, et ux | 665 / 329 | 20.47 |
| 52 | 9C / 6.11 | Steve Davis & Darlene Davis | 623 / 356 | 0.50 |
| 53 | 9C / 31 | Steven M. Davis, et ux | 713 / 12 | 1.62 |
| 54 | 9C / 5.3 | Ryan K. Dumont, et ux | 701 / 418 | 1.24 |
| 55 | 9C / 6.15 | James R. Allman, et ux | 662 / 432 | 1.51 |
| 56 | 9C / 6.16 | Terrie & Mark Gregory | 663 / 744 | 0.06 |
| 57 | 9C / 5.12 | Mark A. Gregory, et ux | 597 / 290 | 0.18 |
| 58 | 9C / 5.10 | Angela M. Batten, et al | 726 / 545 | 0.40 |
| 59 | 9C / 5.7 | Mark A. Gregory, et ux | 597 / 290 | 0.37 |
| 60 | 9C / 4 | Joseph C. Rumbach, et ux | 440 / 196 | 1.00 |
| 61 | 9C / 5.9 | Christopher James Allman, et ux | 513 / 527 | 0.41 |
| 62 | 9C / 3.2 | David M. Hughes | 506 / 714 | 0.85 |
| 63 | 9C / -- | Monongahela Vally Traction Co. | 76 / 424 | 0.06 |
| 64 | 9C / 3 | Mary J. Radcliff, et al | W46 / 491 | 0.55 |
| 65 | 9C / 3.1 | Nolan D. Gunter, Jr., et ux | 594 / 145 | 0.50 |
| 66 | 9C / 6 | Steven Davis, et ux | 665 / 329 | 16.99 |
| 67 | 9C / 6.12 | Amy N. Davis & Ryan K. Dumont | 640 / 349 | 2.50 |
| 68 | 9C / 6.13 | April D. & Brannon L. Jordan | 641 / 42 | 1.05 |
| 69 | 9C / 6.3 | Steve & Darlene Davis | 665 / 329 | 0.38 |
| 70 | 9C / 6.14 | April D. & Brannon L. Jordan | 641 / 42 | 2.34 |
| 71 | 9C / 6.10 | Elizabeth Post | 594 / 764 | 0.74 |
| 72 | 9C / 6.17 | Elizabeth Post | 664 / 702 | 0.26 |
| 73 | 9C / 2 | Nolan D. Gunter, Jr., et ux | 594 / 145 | 0.25 |
| 74 | 9C / 1 | Nolan D. Gunter, Jr., et ux | 594 / 145 | 0.90 |
| 75 | 6 / 3 | Catherine Weber | 663 / 603 | 0.44 |
| 76 | 6 / 2.2 | Willard J. Prince | --- / --- | 0.24 |
| 77 | 6 / 2 | Willard J. Prince | W22 / 109 | 1.22 |
| 78 | 6 / 1 | Willard J. Prince | W22 / 109 | 4.75 |
| 79 | 6 / 2.1 | JSB Land Holding | 684 / 432 | 0.97 |
| 80 | 6 / 13 | Jackie Lee Frazier | 244 / 399 | 0.18 |
| 81 | 6 / 14 | Daniel R. Rochelle L. Hinkle | 732 / 6 | 0.18 |
| 82 | 6 / 15 | Daniel R. Rochelle L. Hinkle | 732 / 6 | 0.18 |
| 83 | 6 / 16 | Floyd S. Woodyard | W6 / 138 | 4.00 |
| 84 | 6 / 31 | Steven L. & Anna M. Butcher | 543 / 765 | 3.34 |
| 85 | 6 / 32 | Ronzel C. & Sandra K. Richards | 317 / 331 | 4.00 |
| 86 | 9C / 5.6 | Meranda K. Langbein | 651 / 728 | 0.38 |
| 87 | 9C / 6.1 | Robert Lee Smith, et ux | 520 / 670 | 0.35 |
| 88 | 9C / 6.5 | Robert Lee Smith, et ux | 536 / 42 | 0.04 |
| 89 | 9C / 6.4 | Kelly C. Montgomery | 721 / 40 | 0.39 |
| 90 | 9C / 6.6 | Charles W. Davis, et ux | 611 / 655 | 0.35 |
| 91 | 9C / 6.8 | Jerry D. Muncy, et ux | 569 / 687 | 0.35 |
| 92 | 9C / 6.9 | Jerry D. Muncy, et ux | 569 / 687 | 0.40 |
| 93 | 9C / 6.7 | Richard E. Ratliff, et ux | 567 / 47 | 0.44 |
| 94 | 9C / 5.14 | John M. Krupia, et ux | 599 / 37 | 0.39 |
| 95 | 9C / 5.13 | John M. Krupia, et ux | 599 / 37 | 0.37 |
| 96 | 9C / 5.8 | Charles E. Miller, et ux | 663 / 185 | 0.18 |
| 97 | 9C / 5.5 | T&G Rentals, LLC | 667 / 767 | 0.24 |

| Lewis Co. - Hackers Creek Dist. | | | | |
|---------------------------------|------------|-------------------------------|-----------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 98 | 9C / 7.1 | Shaylee Suzanna Allman | 670 / 621 | 0.77 |
| 99 | 9C / 7.2 | Marcus Shane Gregory | 673 / 609 | 0.80 |
| 100 | 9C / 7.3 | Tyke Bryant Foster II | 715 / 270 | 1.04 |
| 101 | 9C / 5.4 | Jeffrey Russell Allman | 162 / 588 | 0.38 |
| 102 | 9C / 5.1 | Dominion Energy Transmission | --- / --- | 0.70 |
| 103 | 9C / 7 | Sharon Lee Allman | W47 / 298 | 74.55 |
| 104 | 9C / 30 | Mike Ross Inc. | 550 / 561 | 38.77 |
| 105 | 9C / 16.3 | Mike Ross Inc. | 712 / 409 | 42.71 |
| 106 | 9C / 8 | Rose Ann & Hunter Kolb | W6 / 670 | 88.16 |
| 107 | 9C / 16.49 | Rick & Carol Nolan | 669 / 650 | 5.00 |
| 108 | 9C / 16.35 | Tamera & Jonathan Riggs | 724 / 203 | 2.07 |
| 109 | 9C / 16.36 | Tamera & Jonathan Riggs | 724 / 203 | 2.26 |
| 110 | 9C / 16.32 | Roy & Rhoda Martin | 638 / 722 | 2.51 |
| 111 | 9C / 16.16 | Roy & Rhoda Martin | 612 / 82 | 2.26 |
| 112 | 9C / 16.10 | SWN Production Company, LLC | 684 / 397 | 18.16 |
| 113 | 9C / 16.48 | Roy & Rhoda Martin | 662 / 618 | 4.29 |
| 114 | 9C / 16.28 | Roy & Rhoda Martin | 626 / 433 | 2.71 |
| 115 | 9C / 16.45 | Jeffrey & Angela Ross | 662 / 418 | 2.46 |
| 116 | 9C / 16.41 | Tamera & Jonathan Riggs | 724 / 199 | 2.62 |
| 117 | 9C / 16.34 | Michael Stowers | 669 / 418 | 2.26 |
| 118 | 9C / 16.33 | Michael Stowers | 669 / 418 | 2.07 |
| 119 | 9C / 16.13 | Joni Nelson Howard | 612 / 85 | 2.52 |
| 120 | 9C / 16.14 | Joni Nelson Howard | 669 / 642 | 2.03 |
| 121 | 9C / 16.29 | Joni Nelson Howard | 627 / 389 | 1.87 |
| 122 | 9C / 16.46 | Roy & Rhoda Martin | 662 / 618 | 2.03 |
| 123 | 9C / 16.47 | Roy & Rhoda Martin | 662 / 618 | 2.17 |
| 124 | 9C / 16.53 | Joni Nelson Howard | 674 / 69 | 2.38 |
| 125 | 9C / 16.6 | Ross A. Lodge | 717 / 846 | 1.73 |
| 126 | 9C / 52 | Jeffrey & Ricki Leary | 673 / 758 | 2.95 |
| 127 | 9C / 16.44 | Jeremy & Autumn Vance | 658 / 345 | 1.02 |
| 128 | 9C / 16.19 | Robert P. Lindsey J. Shepherd | 717 / 515 | 1.31 |
| 129 | 9C / 51 | Jeffrey & Ricki Leary | 673 / 744 | 1.64 |
| 130 | 9C / 16.21 | David & Trena Bonnett | 620 / 345 | 2.70 |
| 131 | 9C / 16.1 | Mahadeo Ramkison | 600 / 305 | 3.00 |
| 132 | 9C / 16.23 | Brian W. Smith | 712 / 459 | 1.60 |
| 133 | 9C / 16.43 | Jason Eager | 658 / 291 | 3.18 |
| 134 | 9C / 16.7 | Sarah Nealis | 684 / 321 | 6.37 |
| 135 | 9C / 16.11 | Brian & Deborah Shillingburg | 726 / 816 | 5.25 |
| 136 | 9C / 16.8 | Virginia Barmette | 608 / 505 | 1.25 |
| 137 | 9C / 16.2 | Cody Kemper | 736 / 800 | 0.96 |
| 138 | 9C / 16.31 | Ross & Brenda Helmick | 678 / 427 | 1.22 |
| 139 | 9C / 16.57 | Samuel McDaniel, Jr. | 713 / 53 | 1.53 |
| 140 | 9C / 16.18 | Timothy Rice | 702 / 475 | 2.00 |
| 141 | 9C / 16.5 | Robert S. Hinderliter | 608 / 6 | 4.30 |
| 142 | 9C / 16.17 | Roberta G. Fisher | 639 / 511 | 2.00 |
| 143 | 9C / 16.30 | John T. Vincent | 647 / 344 | 2.56 |
| 144 | 9C / 50 | Travis W. Taylor, et al | 670 / 245 | 2.56 |
| 145 | 9C / 16.7 | Sarah Nealis | 684 / 321 | 6.37 |
| 146 | 9C / 16.27 | Sarah Nealis | 691 / 557 | 3.19 |
| 147 | 9C / 16.25 | Paul A. & Karen B. Guillette | 617 / 389 | 3.19 |
| 148 | 9C / 16.26 | Paul A. & Karen B. Guillette | 617 / 389 | 3.19 |
| 149 | 9C / 16.24 | Paul A. & Karen B. Guillette | 617 / 389 | 3.35 |
| 150 | 9C / 16.4 | William A. & Arny D. Burchett | 607 / 202 | 9.66 |
| 151 | 9C / 27 | S. Thomas & Esther M. Bond | 577 / 328 | 225.25 |

FILE NO: 296-36-G-18

DRAWING NO: Neel 1207 S-10H ADWP

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: April 7 2021

OPERATOR'S WELL NO. Neel 1207 S-10H

API WELL NO

47 - 033 - 05975
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek

Top: West Milford
QUADRANGLE: Btm: Weston

DISTRICT: Grant

COUNTY: Harrison

SURFACE OWNER: HG Energy II Appalachia, LLC

ACREAGE: 89.97 **09/16/2022**

ROYALTY OWNER: Dora B. McWhorter, et al

LEASE NO: ACREAGE: 103.00

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,194' TVD
23,213' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

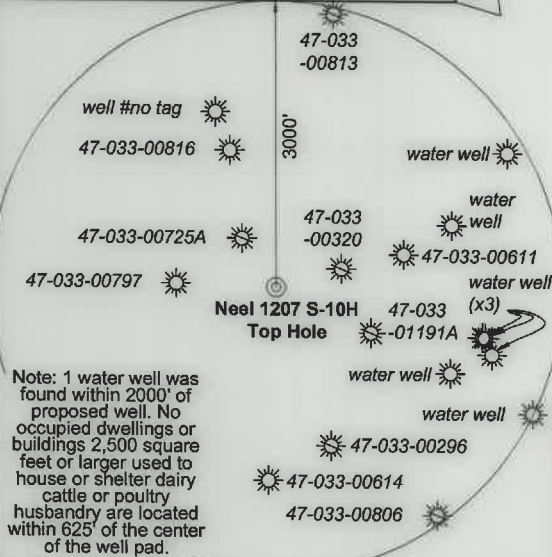
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

HG Energy II Appalachia, LLC
Well No. Neel 1207 S-10H
As-Drilled
 Page 1 of 4

Notes:
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 UTM NAD 1983 (USSF)
 Top Hole Coordinates
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- Legend**
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 - 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.)
 - Interior surface tracts (approx.)

Notes: Well No. Neel 1207 S-10H
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Top Hole coordinates Bottom Hole coordinates
 Latitude: 39°09'04.81" Latitude: 39°06'40.08"
 Longitude: 80°24'09.25" Longitude: 80°22'52.49"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates Bottom Hole Coordinates
 N: 4,333,751.119m N: 4,329,302.036m
 E: 551,638.406m E: 553,511.500m
 Plat orientation and corner and well references are
 based upon the grid north meridian. Well location
 references are based upon the magnetic meridian.



| Tag | Bearing | Dist. |
|-----|------------|----------|
| L1 | S 02°54' E | 1,494.2' |
| L2 | S 16°29' W | 1,583.6' |
| L3 | S 75°02' W | 2,144.3' |
| L4 | N 73°36' W | 976.0' |

7,816' to Top Hole
 1,772' to Bottom Hole

TOP LATITUDE 39 - 10 - 00
 BTM LATITUDE 39 - 07 - 30

LONGITUDE 80 - 22 - 30
 5,049' to Bottom Hole
 5,584' to Top Hole



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

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

FILE NO: 296-36-G-18
 DRAWING NO: Neel 1207 S-10H ADWP
 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: April 7 2021
 OPERATOR'S WELL NO. Neel 1207 S-10H
 API WELL NO
 47 - 033 - 05975
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek
 DISTRICT: Grant
 SURFACE OWNER: HG Energy II Appalachia, LLC
 ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00

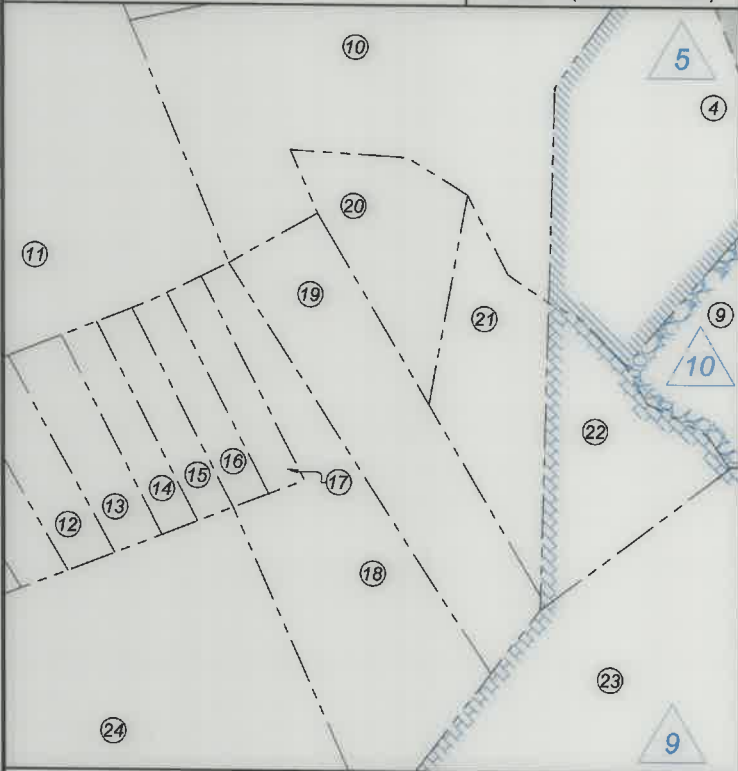
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH - MOD 7,194' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,213' MD

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

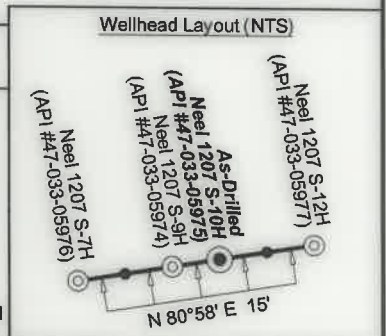
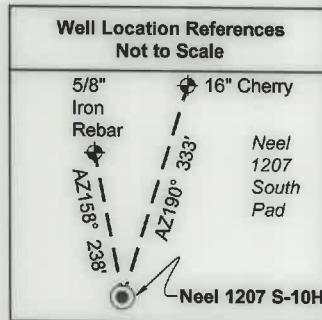
09/16/2022



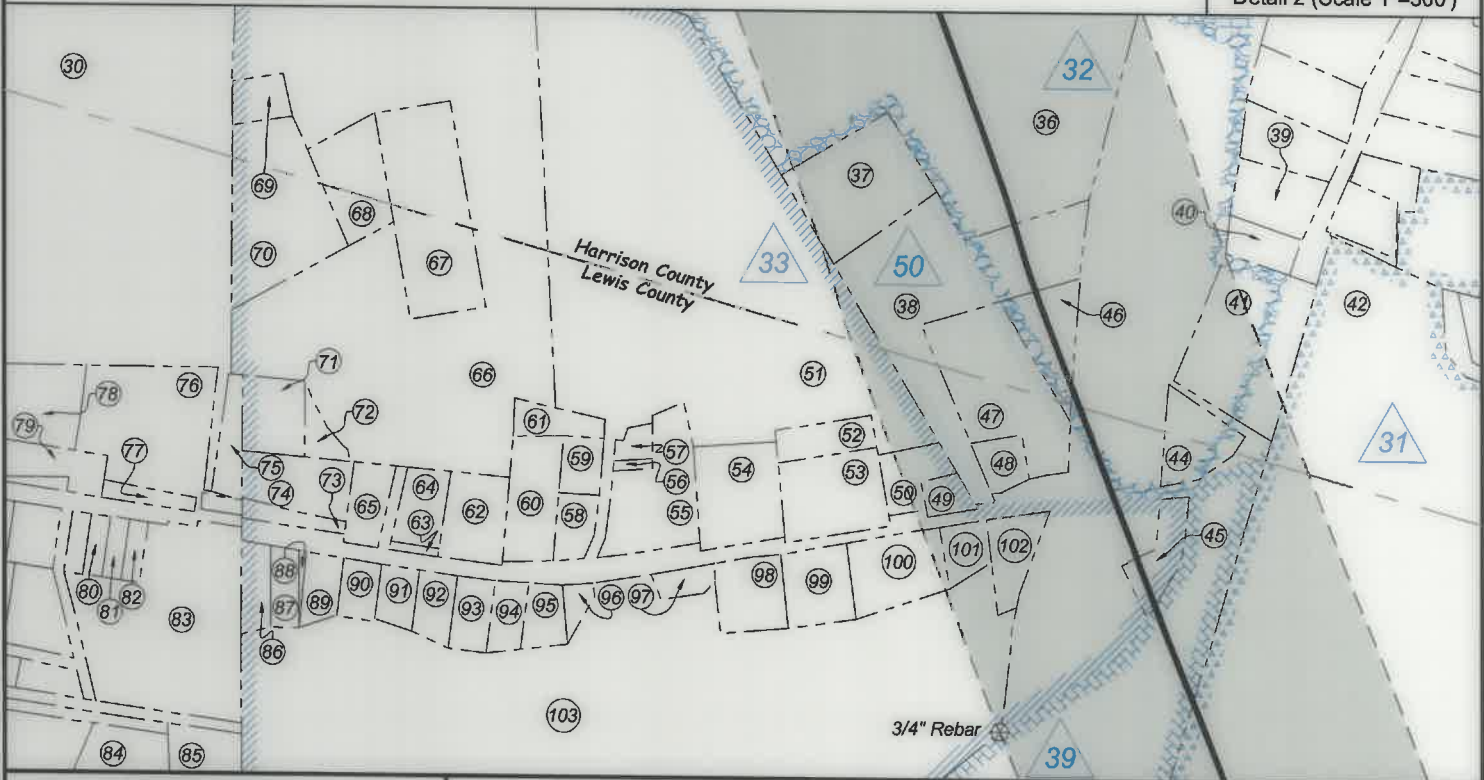
Detail 1 (Scale 1"=500')



| ID | Lease |
|----|--|
| 3 | Dora B. McWhorter, et al |
| 5 | Union National Bank Trustee of Gore Morris |
| 9 | William H. & Fannie M. Horner |
| 10 | Hazel Chandler |
| 11 | William L. Horner, et al |
| 16 | Robert F. Martin, et al |
| 17 | Robert F. Martin, et al |
| 22 | Nathan G. & Dora E. McWhorter |
| 26 | Hunter Cooper, et al |
| 31 | J.A. Shock, et ux |
| 32 | James W. Rogers, et al |
| 33 | Hugh Davis, et al |
| 39 | Virginia A. Nepps |
| 40 | Myrtle Edmonds, et al |
| 41 | Myrtle Edmonds, et al |
| 44 | J.W.C. Kolb, et ux |
| 50 | Dale McWhorter, et al |



Detail 2 (Scale 1"=500')



FILE NO: 296-36-G-18
DRAWING NO: Neel 1207 S-10H ADWP
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: April 7 2021
OPERATOR'S WELL NO. Neel 1207 S-10H
API WELL NO
47 - 033 - 05975
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek

Top: West Milford
QUADRANGLE: Btm: Weston

DISTRICT: Grant
SURFACE OWNER: HG Energy II Appalachia, LLC

COUNTY: Harrison
ACREAGE: 89.07

ROYALTY OWNER: Dora B. McWhorter, et al

LEASE NO: ACREAGE: 103.00

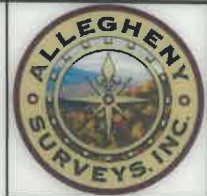
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH - MOD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,194' TVD 23,213' MD

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

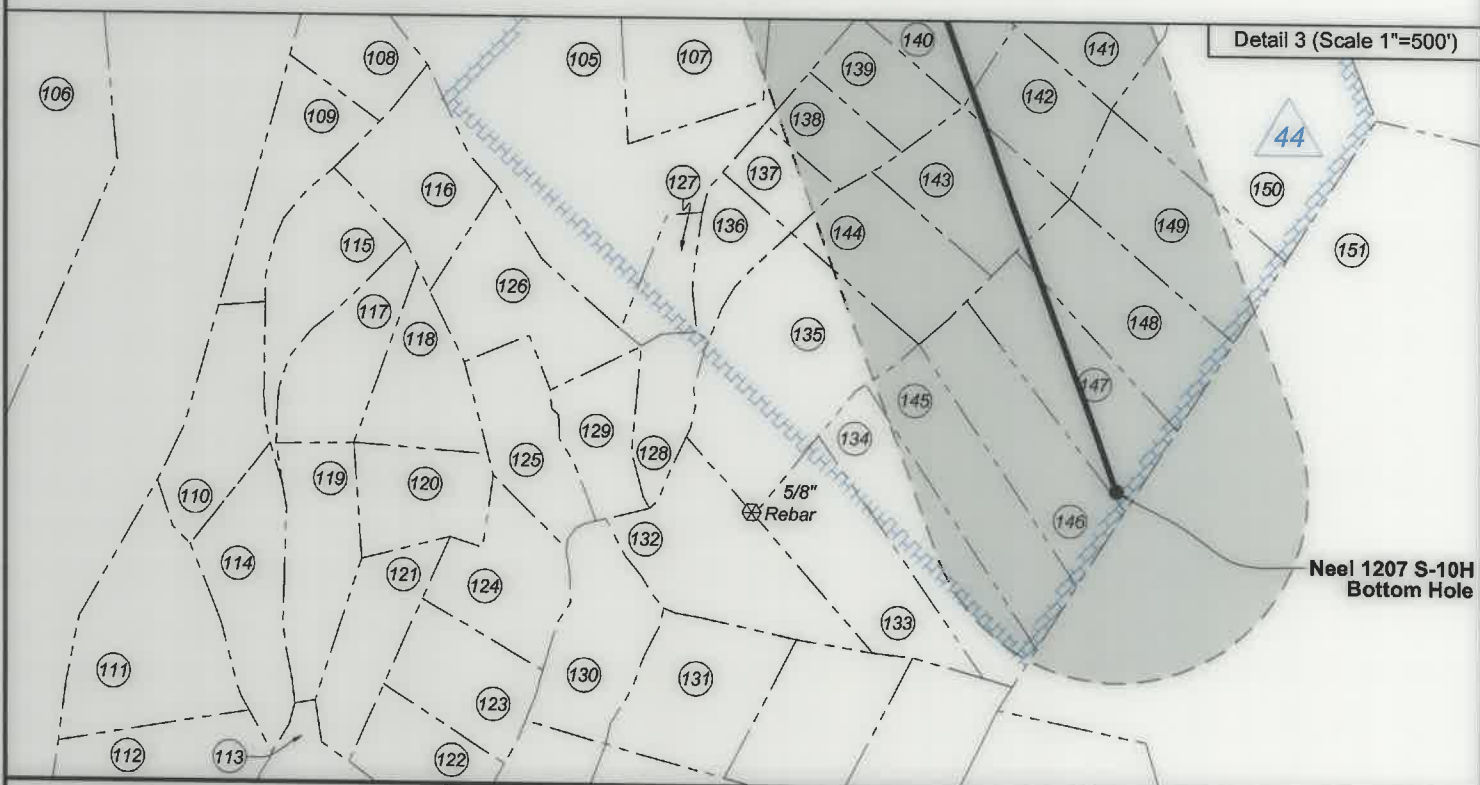
DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

09/16/2022



| Harrison Co. - Grant Dist. | | | | |
|----------------------------|------------|---------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 445 / 5 | HG Energy II Appalachia, LLC | --- / --- | 89.07 |
| 2 | 445 / 3 | Lisa M. Nutter | W188 / 687 | 64.00 |
| 3 | 445 / 12 | Lisa M. Nutter | W188 / 687 | 64.50 |
| 4 | 445 / 13 | Mickey Petitto | W175 / 1167 | 132.85 |
| 5 | 445 / 13.1 | Martha E. Lambert | --- / --- | 26.77 |
| 6 | 445 / 14 | Martha E. Lambert | 1276 / 582 | 2.61 |
| 7 | 445 / 15.1 | Martha E. Lambert | 1276 / 582 | 35.00 |
| 8 | 445 / 15 | Margaret S. Fisher | 1276 / 576 | 49.69 |
| 9 | 445 / 28 | Margaret S. Fisher | 1200 / 626 | 28.75 |
| 10 | 445 / 26 | Leland Freeman | W188 / 329 | 15.25 |
| 11 | 445 / 25 | Leland Jackson Freeman | W167 / 371 | 21.00 |
| 12 | 445 / 35.1 | Robert Freeman | 1510 / 178 | 1.85 |
| 13 | 445 / 35 | Robert Freeman | 1266 / 521 | 3.82 |
| 14 | 445 / 36 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 15 | 445 / 37 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 16 | 445 / 38 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 17 | 445 / 39 | Leland Jackson Freeman | W167 / 371 | 1.34 |
| 18 | 445 / 40 | Leland Jackson Freeman | W167 / 371 | 8.20 |
| 19 | 445 / 41 | Charles Sutton | --- / --- | 7.40 |
| 20 | 445 / 42 | Ivy Myrtle Freeman | W56 / 47 | 4.80 |
| 21 | 445 / 42.1 | Charles R. Sutton | --- / --- | 3.00 |
| 22 | 445 / 43 | Charles R. & Franklin L. Sutton | 1623 / 1057 | 4.65 |

| Harrison Co. - Grant Dist. | | | | |
|----------------------------|------------|---------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 23 | 445 / 47 | Charles R. & Franklin L. Sutton | 1623 / 1057 | 78.00 |
| 24 | 445 / 46 | James W. Riffle II, et al | 1385 / 259 | 140.43 |
| 25 | 445 / 15 | Margaret S. Fisher | 1276 / 576 | 49.69 |
| 26 | 446 / 30 | Charles R. Sutton | 1535 / 207 | 29.00 |
| 27 | 446 / 31 | Richard L. Hawkins, Jr. | 1569 / 982 | 58.96 |
| 28 | 465 / 10 | Catherine D. Weber | 1495 / 458 | 81.50 |
| 29 | 465 / 4.1 | J. Gregory & Rebecca Moore | 1421 / 350 | 353.80 |
| 30 | 465 / 1 | Catherine D. Weber | 1495 / 458 | 103.72 |
| 31 | 466 / 5 | Mary Reel | 1244 / 948 | 75.48 |
| 32 | 466 / 4 | Mary Reel | 1244 / 948 | 10.90 |
| 33 | 466 / 2 | Worthey E. & Connie S. Poe | 1240 / 388 | 16.70 |
| 34 | 466 / 1 | Worthey E. & Connie S. Poe | 1240 / 388 | 25.16 |
| 35 | 466 / 20 | Worthey E. & Connie S. Poe | 1240 / 388 | 49.24 |
| 36 | 466 / 39.1 | Worthey E. & Connie S. Poe | 1240 / 388 | 28.88 |
| 37 | 466 / 57.1 | Martha L. Davis | W168 / 435 | 1.91 |
| 38 | 466 / 57.2 | Vicki & Michael Davis | 1198 / 1125 | 4.16 |
| 39 | 466 / 57.2 | Vicki & Michael Davis | 1198 / 1125 | 4.16 |
| 40 | 466 / 41 | Dominioin Transmission | A158 / 362 | 0.77 |
| 41 | 466 / 59 | David & Ladonna Manley | 1380 / 151 | 1.68 |
| 42 | 466 / 40 | Frank N. Wine, Jr. & III | 1596 / 809 | 42.04 |
| 43 | 465 / -- | Unknown Parcel | --- / --- | 16.52 |



| | | |
|--|---|--|
| FILE NO: <u>296-36-G-18</u> DRAWING NO: <u>Neel 1207 S-10H ADWP</u> SCALE: <u>1" = 2000'</u> MINIMUM DEGREE OF ACCURACY: <u>Submeter</u> PROVEN SOURCE OF ELEVATION: <u>CORS, Bridgeport, WV</u> | <p>STATE OF WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION OIL AND GAS DIVISION</p> | DATE: <u>April 7</u> 20 <u>21</u> OPERATOR'S WELL NO. <u>Neel 1207 S-10H</u> API WELL NO <u>47</u> - <u>033</u> - <u>05975</u> STATE COUNTY PERMIT |
| WELL TYPE: <input type="checkbox"/> OIL <input checked="" type="checkbox"/> GAS <input type="checkbox"/> LIQUID INJECTION <input type="checkbox"/> WASTE DISPOSAL (IF GAS) PRODUCTION: <input type="checkbox"/> STORAGE <input type="checkbox"/> DEEP <input checked="" type="checkbox"/> SHALLOW | | |
| LOCATION: ELEVATION: <u>1,344'</u> WATERSHED: <u>Middle West Fork Creek</u> DISTRICT: <u>Grant</u> | | Top: <u>West Milford</u> QUADRANGLE: Btm: <u>Weston</u> COUNTY: <u>Harrison</u> ACREAGE: <u>80.97</u> |
| SURFACE OWNER: <u>HG Energy II Appalachia, LLC</u> ROYALTY OWNER: <u>Dora B. McWhorter, et al</u> | | LEASE NO: _____ ACREAGE: <u>103.00</u> |
| PROPOSED WORK: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> CONVERT <input type="checkbox"/> DRILL DEEPER <input checked="" type="checkbox"/> FRACTURE OR STIMULATE <input type="checkbox"/> PLUG OFF OLD FORMATION <input checked="" type="checkbox"/> PERFORATE NEW FORMATION <input type="checkbox"/> OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ BH - MOD _____ <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> CLEAN OUT AND REPLUG TARGET FORMATION: <u>Marcellus Shale</u> ESTIMATED DEPTH: <u>7,194'</u> TVD <u>23,213'</u> MD | | |
| WELL OPERATOR: <u>HG Energy II Appalachia, LLC</u> ADDRESS: <u>5260 Dupont Road</u> <u>Parkersburg, WV 26101</u> | | DESIGNATED AGENT: <u>Diane C. White</u> ADDRESS: <u>5260 Dupont Road</u> <u>Parkersburg, WV 26101</u> |

09/16/2022



Lewis Co. - Hackers Creek Dist.

| No. | TM / Par | Owner | Bk / Pg | Ac. |
|-----|-----------|---------------------------------|-----------|-------|
| 44 | 9C / 49 | Timothy Dean Skinner | W4 / 706 | 1.35 |
| 45 | 9C / 50 | Sharon Lee Allman | W47 / 298 | 0.73 |
| 46 | 9C / 46 | Josephine M. Richardson | 681 / 790 | 0.80 |
| 47 | 9C / 47 | Josephine M. Richardson | 681 / 790 | 2.36 |
| 48 | 9C / 45 | Josephine M. Richardson | 681 / 790 | 0.40 |
| 49 | 9C / 5.2 | James R. & Sharon L. Allman | 357 / 369 | 0.27 |
| 50 | 9C / 5.11 | James R. & Sharon L. Allman | 582 / 386 | 0.54 |
| 51 | 9C / 5 | Steven Davis, et ux | 665 / 329 | 20.47 |
| 52 | 9C / 6.11 | Steve Davis & Darlene Davis | 623 / 356 | 0.50 |
| 53 | 9C / 31 | Steven M. Davis, et ux | 713 / 12 | 1.62 |
| 54 | 9C / 5.3 | Ryan K. Dumont, et ux | 701 / 418 | 1.24 |
| 55 | 9C / 6.15 | James R. Allman, et ux | 662 / 432 | 1.51 |
| 56 | 9C / 6.16 | Terrie & Mark Gregory | 663 / 744 | 0.06 |
| 57 | 9C / 5.12 | Mark A. Gregory, et ux | 597 / 290 | 0.18 |
| 58 | 9C / 5.10 | Angela M. Batten, et al | 726 / 545 | 0.40 |
| 59 | 9C / 5.7 | Mark A. Gregory, et ux | 597 / 290 | 0.37 |
| 60 | 9C / 4 | Joseph C. Rumbach, et ux | 440 / 196 | 1.00 |
| 61 | 9C / 5.9 | Christopher James Allman, et ux | 513 / 527 | 0.41 |
| 62 | 9C / 3.2 | David M. Hughes | 506 / 714 | 0.85 |
| 63 | 9C / -- | Monongahela Vally Traction Co. | 76 / 424 | 0.06 |
| 64 | 9C / 3 | Mary J. Radcliff, et al | W46 / 491 | 0.55 |
| 65 | 9C / 3.1 | Nolan D. Gunter, Jr., et ux | 594 / 145 | 0.50 |
| 66 | 9C / 6 | Steven Davis, et ux | 665 / 329 | 16.99 |
| 67 | 9C / 6.12 | Amy N. Davis & Ryan K. Dumont | 640 / 349 | 2.50 |
| 68 | 9C / 6.13 | April D. & Brannon L. Jordan | 641 / 42 | 1.05 |
| 69 | 9C / 6.3 | Steve & Darlene Davis | 665 / 329 | 0.38 |
| 70 | 9C / 6.14 | April D. & Brannon L. Jordan | 641 / 42 | 2.34 |
| 71 | 9C / 6.10 | Elizabeth Post | 594 / 764 | 0.74 |
| 72 | 9C / 6.17 | Elizabeth Post | 664 / 702 | 0.26 |
| 73 | 9C / 2 | Nolan D. Gunter, Jr., et ux | 594 / 145 | 0.25 |
| 74 | 9C / 1 | Nolan D. Gunter, Jr., et ux | 594 / 145 | 0.90 |
| 75 | 6 / 3 | Catherine Weber | 663 / 603 | 0.44 |
| 76 | 6 / 2.2 | Willard J. Prince | --- / --- | 0.24 |
| 77 | 6 / 2 | Willard J. Prince | W22 / 109 | 1.22 |
| 78 | 6 / 1 | Willard J. Prince | W22 / 109 | 4.75 |
| 79 | 6 / 2.1 | JSB Land Holding | 684 / 432 | 0.97 |
| 80 | 6 / 13 | Jackie Lee Frazier | 244 / 399 | 0.18 |
| 81 | 6 / 14 | Daniel R. Rochelle L. Hinkle | 732 / 6 | 0.18 |
| 82 | 6 / 15 | Daniel R. Rochelle L. Hinkle | 732 / 6 | 0.18 |
| 83 | 6 / 16 | Floyd S. Woodyard | W6 / 138 | 4.00 |
| 84 | 6 / 31 | Steven L. & Anna M. Butcher | 543 / 765 | 3.34 |
| 85 | 6 / 32 | Ronzel C. & Sandra K. Richards | 317 / 331 | 4.00 |
| 86 | 9C / 5.6 | Meranda K. Langbein | 651 / 728 | 0.38 |
| 87 | 9C / 6.1 | Robert Lee Smith, et ux | 520 / 670 | 0.35 |
| 88 | 9C / 6.5 | Robert Lee Smith, et ux | 536 / 42 | 0.04 |
| 89 | 9C / 6.4 | Kelly C. Montgomery | 721 / 40 | 0.39 |
| 90 | 9C / 6.6 | Charles W. Davis, et ux | 611 / 655 | 0.35 |
| 91 | 9C / 6.8 | Jerry D. Muncy, et ux | 569 / 687 | 0.35 |
| 92 | 9C / 6.9 | Jerry D. Muncy, et ux | 569 / 687 | 0.40 |
| 93 | 9C / 6.7 | Richard E. Ratliff, et ux | 567 / 47 | 0.44 |
| 94 | 9C / 5.14 | John M. Krupia, et ux | 599 / 37 | 0.39 |
| 95 | 9C / 5.13 | John M. Krupia, et ux | 599 / 37 | 0.37 |
| 96 | 9C / 5.8 | Charles E. Miller, et ux | 663 / 185 | 0.18 |
| 97 | 9C / 5.5 | T&G Rentals, LLC | 667 / 767 | 0.24 |

Lewis Co. - Hackers Creek Dist.

| No. | TM / Par | Owner | Bk / Pg | Ac. |
|-----|------------|-------------------------------|-----------|--------|
| 98 | 9C / 7.1 | Shaylee Suzanna Allman | 670 / 621 | 0.77 |
| 99 | 9C / 7.2 | Marcus Shane Gregory | 673 / 609 | 0.80 |
| 100 | 9C / 7.3 | Tyke Bryant Foster II | 715 / 270 | 1.04 |
| 101 | 9C / 5.4 | Jeffrey Russell Allman | 162 / 588 | 0.38 |
| 102 | 9C / 5.1 | Dominion Energy Transmission | --- / --- | 0.70 |
| 103 | 9C / 7 | Sharon Lee Allman | W47 / 298 | 74.55 |
| 104 | 9C / 30 | Mike Ross Inc. | 550 / 561 | 38.77 |
| 105 | 9C / 16.3 | Mike Ross Inc. | 712 / 409 | 42.71 |
| 106 | 9C / 8 | Rose Ann & Hunter Kolb | W6 / 670 | 88.16 |
| 107 | 9C / 16.49 | Rick & Carol Nolan | 669 / 650 | 5.00 |
| 108 | 9C / 16.35 | Tamera & Jonathan Riggs | 724 / 203 | 2.07 |
| 109 | 9C / 16.36 | Tamera & Jonathan Riggs | 724 / 203 | 2.26 |
| 110 | 9C / 16.32 | Roy & Rhoda Martin | 638 / 722 | 2.51 |
| 111 | 9C / 16.16 | Roy & Rhoda Martin | 612 / 82 | 2.26 |
| 112 | 9C / 16.10 | SWN Production Company, LLC | 684 / 397 | 18.16 |
| 113 | 9C / 16.48 | Roy & Rhoda Martin | 662 / 618 | 4.29 |
| 114 | 9C / 16.28 | Roy & Rhoda Martin | 626 / 433 | 2.71 |
| 115 | 9C / 16.45 | Jeffrey & Angela Ross | 662 / 418 | 2.46 |
| 116 | 9C / 16.41 | Tamera & Jonathan Riggs | 724 / 199 | 2.62 |
| 117 | 9C / 16.34 | Michael Stowers | 669 / 418 | 2.26 |
| 118 | 9C / 16.33 | Michael Stowers | 669 / 418 | 2.07 |
| 119 | 9C / 16.13 | Joni Nelson Howard | 612 / 85 | 2.52 |
| 120 | 9C / 16.14 | Joni Nelson Howard | 669 / 642 | 2.03 |
| 121 | 9C / 16.29 | Joni Nelson Howard | 627 / 389 | 1.87 |
| 122 | 9C / 16.46 | Roy & Rhoda Martin | 662 / 618 | 2.03 |
| 123 | 9C / 16.47 | Roy & Rhoda Martin | 662 / 618 | 2.17 |
| 124 | 9C / 16.53 | Joni Nelson Howard | 674 / 69 | 2.38 |
| 125 | 9C / 16.6 | Ross A. Lodge | 717 / 846 | 1.73 |
| 126 | 9C / 52 | Jeffrey & Ricki Leary | 673 / 758 | 2.95 |
| 127 | 9C / 16.44 | Jeremy & Autumn Vance | 658 / 345 | 1.02 |
| 128 | 9C / 16.19 | Robert P. Lindsey J. Shepherd | 717 / 515 | 1.31 |
| 129 | 9C / 51 | Jeffrey & Ricki Leary | 673 / 744 | 1.64 |
| 130 | 9C / 16.21 | David & Trena Bonnett | 620 / 345 | 2.70 |
| 131 | 9C / 16.1 | Mahadeo Ramkisoon | 600 / 305 | 3.00 |
| 132 | 9C / 16.23 | Brian W. Smith | 712 / 459 | 1.60 |
| 133 | 9C / 16.43 | Jason Eager | 658 / 291 | 3.18 |
| 134 | 9C / 16.7 | Sarah Nealis | 684 / 321 | 6.37 |
| 135 | 9C / 16.11 | Brian & Deborah Shillingburg | 726 / 816 | 5.25 |
| 136 | 9C / 16.8 | Virginia Bamette | 608 / 505 | 1.25 |
| 137 | 9C / 16.2 | Cody Kemper | 736 / 800 | 0.96 |
| 138 | 9C / 16.31 | Ross & Brenda Helmick | 678 / 427 | 1.22 |
| 139 | 9C / 16.57 | Samuel McDaniel, Jr. | 713 / 53 | 1.53 |
| 140 | 9C / 16.18 | Timothy Rice | 702 / 475 | 2.00 |
| 141 | 9C / 16.5 | Robert S. Hinderliter | 608 / 6 | 4.30 |
| 142 | 9C / 16.17 | Roberta G. Fisher | 639 / 511 | 2.00 |
| 143 | 9C / 16.30 | John T. Vincent | 647 / 344 | 2.56 |
| 144 | 9C / 50 | Travis W. Taylor, et al | 670 / 245 | 2.56 |
| 145 | 9C / 16.7 | Sarah Nealis | 684 / 321 | 6.37 |
| 146 | 9C / 16.27 | Sarah Nealis | 691 / 557 | 3.19 |
| 147 | 9C / 16.25 | Paul A. & Karen B. Guillette | 617 / 389 | 3.19 |
| 148 | 9C / 16.26 | Paul A. & Karen B. Guillette | 617 / 389 | 3.19 |
| 149 | 9C / 16.24 | Paul A. & Karen B. Guillette | 617 / 389 | 3.35 |
| 150 | 9C / 16.4 | William A. & Amy D. Burchett | 607 / 202 | 9.66 |
| 151 | 9C / 27 | S. Thomas & Esther M. Bond | 577 / 328 | 225.25 |

FILE NO: 296-36-G-18

DRAWING NO: Neel 1207 S-10H ADWP

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: April 7 20 21

OPERATOR'S WELL NO. Neel 1207 S-10H

API WELL NO

47 - 033 - 05975
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek

Top: West Milford
QUADRANGLE: Btm: Weston

DISTRICT: Grant

COUNTY: Harrison

SURFACE OWNER: HG Energy II Appalachia, LLC

ACREAGE: 69.07

ROYALTY OWNER: Dora B. McWhorter, et al

LEASE NO: ACREAGE: 103.00

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

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 23,213' MD 7,194' 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