

west virginia department of environmental protection

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

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

Tuesday, June 1, 2021 PERMIT MODIFICATION APPROVAL Horizontal 6A / New Drill

HG ENERGY II APPALACHIA, LLC 5260 DUPONT ROAD PARKERSBURG, WV 26101

Re: Permit Modification Approval for FLESHER 1212 N-1H 47-041-05710-00-00

Landing Point Update. Total Measured Depth change 26687' to 26715'.

HG ENERGY II APPALACHIA, LLC

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

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

James A. Martin

Chief

Operator's Well Number: FLESHER 1212 N-1H

Farm Name: H. G. ENERGY II APPALACHIA, LLC

U.S. WELL NUMBER: 47-041-05710-00-00

Horizontal 6A New Drill Date Modification Issued: 06/01/2021

Promoting a healthy environment.

RECEIVED Office of Oil and Gas

API NO. 47-

OPERATOR WELL NO. Flesher 1212 N-1H

Well Pad Name: Flesher 1212

MAY 27 2021 STATE OF WEST VIRGINIENT OF DEPARTMENT OF ENVIRONMENTAL PROFFICE OF OIL AND GAS

| 1) Well Operator: H | HG Energy II Appa | alachia, 📙 4 | 94519932 | Lewis | Freeman | Weston 7.5' |
|--|---|------------------|-------------------|------------------|------------------|----------------------------|
| | | | Operator ID | County | District | Quadrangle |
| 2) Operator's Well N | Number: Flesher 1 | 212 N-1H | Well P | ad Name: Fle | sher 1212 | |
| 3) Farm Name/Surfa | ce Owner: Fleshe | er | Public Ro | oad Access: S | R19 to Kincheloe | Run Rd to Valley Chapel Rd |
| 4) Elevation, current | ground: 1338' | Elev | ation, propose | d post-constru | ction: 1332' | |
| 5) Well Type (a) Other | - 7 · · · · · · · · · · · · · · · · · · | _ Oil | Un | derground Sto | rage | |
| (b)If | Gas Shallow | Х | Deep | | | |
| | Horizontal | X | | | | 5PW 6(21/2021 |
| 6) Existing Pad: Yes | or No No | | | | | 5/21/2021 |
| 7) Proposed Target F Marcellus at 6845 | Formation(s), Depth (6927' and 82' in thic | | | | Pressure(s): | |
| 8) Proposed Total V | ertical Depth: 692 | 25' | | | | |
| 9) Formation at Tota | l Vertical Depth: | Marcellus | | | | |
| 10) Proposed Total N | Measured Depth: | 26,715' | | | | |
| 11) Proposed Horizo | ntal Leg Length: | 18,945' | | | | |
| 12) Approximate Fre | esh Water Strata De | epths: 1 | 05', 273', 302 | | | |
| 13) Method to Deter | mine Fresh Water I | Depths: Ne | arest offset w | ell data, (47-0 |)41-5338, 02 | 18) |
| 14) Approximate Sal | twater Depths: 10 | 28' (Neares | st offset well da | ata, 47-041-16 | 73) | |
| 15) Approximate Co | al Seam Depths: 4 | 20', 525' 830' (| Surface casing is | being extended t | o cover the coal | in the DTI Storage Field) |
| 16) Approximate De | pth to Possible Voi | d (coal mine | , karst, other): | None | | |
| 17) Does Proposed v directly overlying or | | | Yes | N | vo X | |
| (a) If Yes, provide | Mine Info: Name | : | | | | |
| | Depth | : | | | | |
| | Seam | | | | | |
| | Owne | r: | | | | |
| | | | | | | |

| WW-6B | |
|---------|--|
| (04/15) | |

| API NO. 47 | |
|-----------------------|-------------------|
| OPERATOR WELL NO. | Flesher 1212 N-1H |
| Wall Dad Name: Fleshe | er 1212 |

18)

CASING AND TUBING PROGRAM

| ТҮРЕ | Size (in) | New or Used | Grade | Weight per ft. (lb/ft) | FOOTAGE: For Drilling (ft) | INTERVALS: Left in Well (ft) | CEMENT: Fill-up (Cu. Ft.)/CTS |
|------------------|--------------|-------------------|----------|------------------------|-------------------------------|------------------------------------|--|
| Conductor | 30" | New | LS | 157.5 | 120' | ^{120'} o | FIGHTHED Gas |
| Fresh Water/Coal | 20" | NEW | J-55 | 94 | 1000' | 1000' | CTC |
| Intermediate 1 | 13 3/8" | NEW | J-55 BTC | 68 | 2100' | 2100' | MAY 2752021 |
| Intermediate 2 | 9 5/8" | NEW | J-55 BTC | 40 | 2900' | 2900' Env | WV Department of ironmental Protection |
| Production | 5 1/2" | NEW | P-110 HP | 23 | 26715' | 26715' 🗸 | CTS |
| Tubing | | | | | | | |
| Liners | | | | | | | |

SDW 5/21/2021

| ТҮРЕ | Size (in) | Wellbore Diameter (in) | <u>Wall</u> <u>Thickness</u> <u>(in)</u> | Burst Pressure (psi) | Anticipated Max. Internal Pressure (psi) | Cement Type | Cement Yield (cu. ft./k) |
|------------------|-----------|---------------------------|--|-------------------------|--|-----------------|--|
| Conductor | 30" | 30" | .500 | | | | Drilled In |
| Fresh Water/Coal | 20" | 26" | .438 | 2110 | 1200 | Type 1, Class A | 40 % excess yield = 1.20, CTS |
| Intermediate 1 | 13 3/8" | 17 1/2" | .480 | 3450 | | Type 1/Class A | Lead 40% excess, Tail 0% excess |
| Intermediate 2 | 9 5/8" | 12 1/4" | .395 | 3950 | | Type 1/Class A | Load 40% excess, Tail 0% Excess Lea |
| Production | 5 1/2" | 8 1/2" | .415 | 16240 | 12500 | Type 1/ClassA | 20% excess yield = 1.19, tzil yield 1.94 (|
| Tubing | | | | | | | |
| Liners | | | | | | | |

PACKERS

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

| WW-6B |
|---------|
| (10/14) |

API NO. 47-OPERATOR WELL NO. Flesher 1212 N-1H Well Pad Name: Flesher 1212

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

Drill the vertical depth to the Marcellus at an estimated total vertical depth of approximately 6925 feet. Drill horizontal leg to estimated 18,945' lateral length, 26,715' TMD. Hydraulically fracture stimulate and be capable of producing from the Marcellus Formation. Should we encounter an unanticipated void in the coal, we will install a minimum of 20' of casing below the void but not more than 100' below the void, set a basket and grout to surface. We plan to run an ACP above the Gantz/Dominion Storage interval to aid in sealing off and isolating the storage interval.

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

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

MAY 27 2021

- 21) Total Area to be disturbed, including roads, stockpile area, pits, etc., (acres): 33 Expression 22) Area to be disturbed.
- 22) Area to be disturbed for well pad only, less access road (acres): 6.84 acres

23) Describe centralizer placement for each casing string:

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

Conductor -N/A, Casing to be drilled in w/ Dual Rotary Rig.

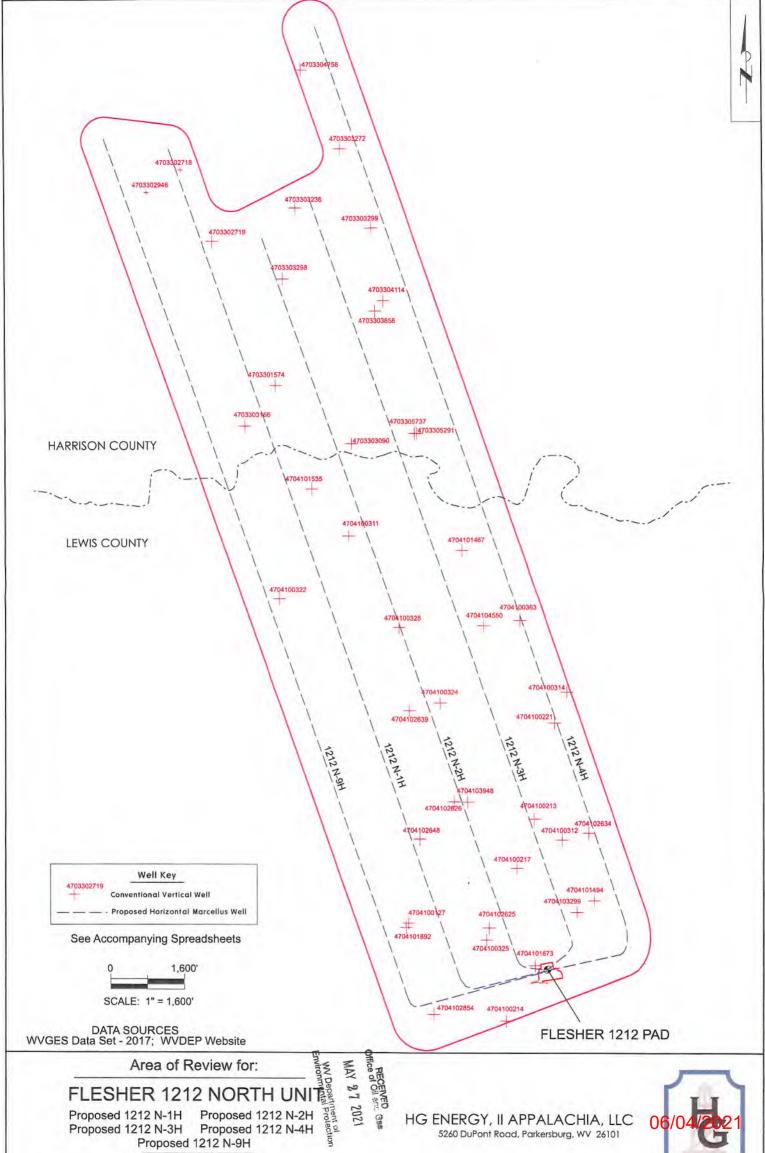
25) Proposed borehole conditioning procedures:

*Note: Attach additional sheets as needed.



1212 N-1H Marcellus Shale Horizontal Lewis County, WV

| | | | | | | | | | Lewis Co | unty, WV | |
|------------------|-----------|----------------|------------------------|---------------------------|-------------|-------------|-----------------------------|--|--|--|--|
| | | | | | | 1212 | N-1H SH | L | 14 | 1206112.2N 178572 | 2.43E |
| Ground Elevation | on | | 1332. | 2' | | 1212 | N-1H LI | | 14 | 205918.94N 17838 | 66.28E |
| Azm | | 340.69° | | | 1212 1 | N-1H BH | IL | 14 | 1223791.28N 17776 | 03.9E | |
| WELLBORE DIAGRAI | М | HOLE | CASING | GEOLOGY | TOP | BASE | MUD | CEMENT | CENTRALIZERS | CONDITIONING | COMMENTS |
| | elselssis | | | | | | | | | | |
| | х | 30" | 30" 157.5# LS | Conductor | 0 | 120 | AIR | N/A, Casing to be drilled in w/ Dual Rotary Rig | N/A | Ensure the hole is clean at TD. | Conductor casing = 0.5" was thickness |
| | | | 0.011 | Fresh Water | 0 | 273 | | 15.6 ppg PNE-1 + 3% | | Once casing is at setting depth, circulate a minimum | Surface casing = 0.438" w |
| | X | 26" | 20" 94# J-55 | Kittaning Coal | 987 | 992 | AIR | bwoc CaCl 40% Excess | Centralized every 3 joints to surface | of one hole volume with | thickness |
| × | x | | | Fresh Water Protection | 0 | 1000 | | Yield=1.20 / CTS | 1,3, | Fresh Water prior to pumping cement. | Burst=2110 psi |
| | | | | | | | in the second | Lead: 15.4 ppg PNE-1 + 2.5% bwoc CaCi | + Bow Spring on every | Once casing is at setting depth, Circulate and | |
| | | 17.5" | 13-3/8" 68# | Big Lime | 1548 | 1613 | AIR / KCL Salt | 40% Excess / Tail: 15.9 | joint *will also be running | condition at TD. Circulate a | Intermediate casing = 0.480" wall thickness Burst=3450 psi |
| X | X | 17.5 | J-55 BTC | Injun / Gantz (Storage) | 1613 / 1898 | 1718 / 1958 | Polymer | ppg PNE-1 + 2.5% bwoc CaCl | ACP for isolating storage zone* | minimum of one hole volume prior to pumping | |
| | | | | Intermediate 1 | 0 | 2100 | | zero% Excess. CTS | | cement. | |
| | x i | | | Fifty / Thirty Foot | 2008 / 2105 | 2033 / 2128 | | Lead: 15.4 ppg PNE-1 + | | Once casing is at setting | |
| | | | backers v. as | Gordon Stray / Gordon | 2128 / 2198 | 2198 / 2288 | AIR / KCL | 2.5% bwoc CaCl | Bow Spring on first 2 | depth, Circulate and | Intermediate casing = 0.3 |
| | X | 12.25" | 9-5/8" 40# J-55 BTC | 5th Sand | 2374 | 2416 | Salt | 40% Excess / Tail: 15.9 ppg PNE-1 + 2.5% bwoc | joints then every third joint to 100' form | condition mud at TD. Circulate a minimum of one | wall thickness |
| X X | | | | Bayard Sand | 2450 | 2480 | Polymer | CaCl zero% Excess. CTS | surface | hole volume prior to | Burst=3950 psi |
| | | | | Intermediate 2 | 0 | 2900 | | | | pumping cement. | |
| X X | | | | Speechley | 3078 | 3089 | 0.4 | <u>Lead</u> : 14.5 ppg POZ:PNE-1 + 0.3% bwoc R3 + 1% bwoc | Run 1 spiral centralizer every 5 joints from the top of the curve to surface. | | |
| | | 8.75" Vertical | | Balltown | 3278 | 3350 | AIR / 9.0ppg | | | | |
| | | 0.75 Venical | | Benson | 4370 | 4382 | SOBM | | | | |
| | | | | Rhinestreet | 6256 | 6445 | 771 | EC1 + 0.75 gal/sk | | Once on bottom/TD with | |
| | | | | Cashaqua | 6445 | 6526 | Environts and 12 | FP13L⊕0.3% bwoc | | casing, circulate at max allowable pump rate for at | Production casing = 0.41 |
| x x | | | 5-1/2" | Middlesex | 6526 | 6625 | one V | Tar 14.60pm PNE-1+ | | least 2x bottoms up, or until | wall thickness |
| | | 8.5" Curve | 23# P-110 HP | West River | 6625 | 6660 | 12.500 | 0.35% bwh ER3 + 0.75 garsk Fenin + 50% | | returns and pump pressures indicate the hole | Burst=16240 psi Note:Actual centralizer |
| | | 17.70 | CDC HTQ | Burkett | 6660 | 6751 | SCHIM | bwec ASCA + 0.5% bwcc MH 170 20% Excess Lead Yield=1,19 | Run 1 spiral centralizer | is clean. Circulate a | schedules may be changed |
| | | | | Tully Limestone | 6751 | 6815 | ment of Protect | 20% Excess | every 3 joints from the 1st 5.5" long joint to the | minimum of one hale volume prior to pumping | due to hole conditions |
| | | | | Hamilton | 6815 | 6753 | tec | Tead Yield=1,19 | top of the curve. | cement. | |
| | | | | Marcellus | 6845 | 6927 | 11.5ppg- | Tail Yield=1.94 CTS | | | |
| | | 8.5" Lateral | | TMD / TVD (Production) | 26715 | 6925 | 11.5ppg- 12.5ppg SOBM | 10.2 | | | |
| 18323 | | | | Onondaga | 6927 | | GODIN | | | | |



Freeman's Creek District, Lewis County, W.Va. & Union District, Harrison County, W.Va.

5260 DuPont Road, Parkersburg, WV 26101



Updated: 5/12/2021

EXISTING WELLS LOCATED WITHIN THE AREA OF REVIEW FOR:

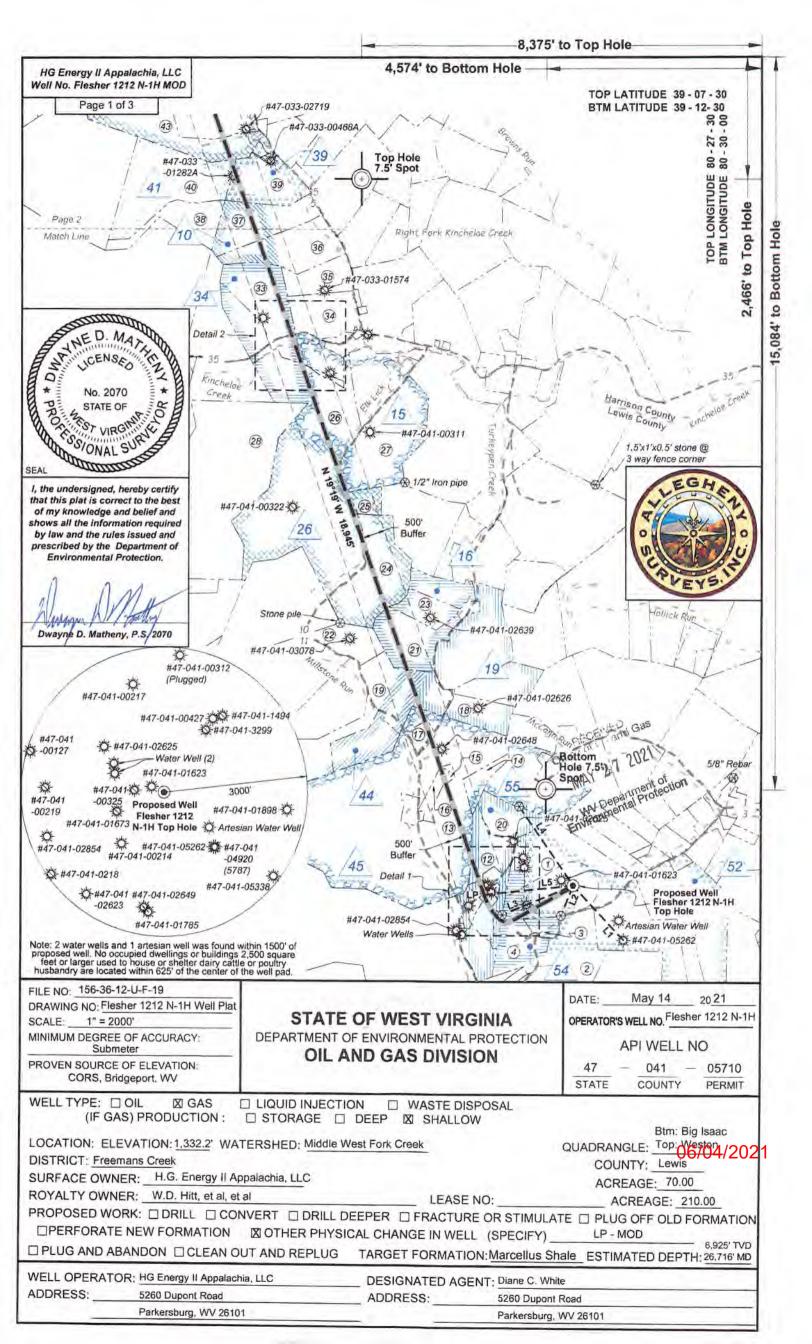
FLESHER 1212 NORTH UNIT AND PROPOSED WELLS N-1H, N-2H, N-3H, N-4H & N-9H

| СТ | API | COUNTY | FARM | OPERATOR NAME | FORMATION NAME | WELL TYPE | TVD | STATUS | LATITUDE | LONGITUDE |
|----|------------|----------|---------------------------|------------------------------------|------------------|---------------|------|-------------|-----------|------------|
| 1 | 4703301574 | Harrison | Beeghley | Dominion Energy Transmission, Inc. | Hampshire Grp | Gas | 2625 | ACTIVE | 39.152970 | -80.508015 |
| 2 | 4703302718 | Harrison | Coffindaaffer, J | Tenmile Land LLC | Elk | Gas | 5526 | ACTIVE | 39.165741 | -80.515096 |
| 3 | 4703302719 | Harrison | Coffindaaffer, J | Tenmile Land LLC | Elk | Gas | 5512 | ACTIVE | 39.161514 | -80.512726 |
| 4 | 4703302946 | Harrison | Coffindaaffer, J | Tenmile Land LLC | Elk | Gas | 5693 | ACTIVE | 39.164435 | -80.517705 |
| 5 | 4703303090 | Harrison | C C Tallman/M P Davis 1 | Dominion Energy Transmission, Inc. | Hampshire Grp | Gas | 2385 | PLUGGED | 39.149500 | -80.502237 |
| 6 | 4703303166 | Harrison | R Stanley | Dominion Energy Transmission, Inc. | Alexander | Gas | 5273 | ACTIVE | 39.150573 | -80,510360 |
| 7 | 4703303236 | Harrison | William L/S Coffindaffer | Alliance Petroleum Co., LLC | Greenland Gap Fm | Gas | 5200 | ACTIVE | 39.163430 | -80.506373 |
| 8 | 4703303272 | Harrison | William L Coffindaffer | Alliance Petroleum Co., LLC | Greenland Gap Fm | Gas | 5000 | ACTIVE | 39.166933 | -80.502915 |
| 9 | 4703303298 | Harrison | Loxie V McLung | Alliance Petroleum Co., LLC | Balltown | Oil and Gas | 3650 | ACTIVE | 39.159262 | -80.507375 |
| 10 | 4703303299 | Harrison | Sherry D Baldwin etal | Alliance Petroleum Co., LLC | Greenland Gap Fm | Gas | 5100 | ACTIVE | 39.162227 | -80.500606 |
| 11 | 4703303858 | Harrison | Catherine C Price | Diversified Resources, Inc. | not available | not available | 4 | Not Drilled | 39.157331 | -80.500374 |
| 12 | 4703304114 | Harrison | Catherine C Price 1 | Enervest Operating, LLC | Greenland Gap Fm | Gas | 4800 | ACTIVE | 39.157941 | -80.499754 |
| 13 | 4703304758 | Harrison | Geraldine C Dickenson Est | Dominion Energy Transmission, Inc. | Benson | Gas | 4950 | ACTIVE | 39.171609 | -80.505825 |
| 14 | 4703305291 | Harrison | William R Dallas | Consol Gas Company | not available | not available | | Not Drilled | 39_150104 | -80.497282 |
| 15 | 4703305737 | Harrison | William R Dallas | Dominion Energy Transmission, Inc. | Alexander | Gas | 4950 | ACTIVE | 39.150090 | -80.497450 |
| 16 | 4704100127 | Lewis | Edwin Gaston | Dominion Energy Transmission, Inc. | Fifth | Gas | 2380 | PLUGGED | 39.121173 | -80.498140 |
| 17 | 4704100213 | Lewis | W T Garton | Dominion Energy Transmission, Inc. | Gantz | Storage | 1850 | ACTIVE | 39.127276 | -80.488549 |
| 18 | 4704100214 | Lewis | Geo Norris | Dominion Energy Transmission, Inc. | Hampshire Grp | Storage | 2275 | ACTIVE | 39.115382 | -80.490758 |
| 19 | 4704100217 | Lewis | Edwin Gaston | Dominion Energy Transmission, Inc. | Gantz | Storage | 1890 | ACTIVE | 39.124393 | -80.489885 |
| 20 | 4704100221 | Lewis | F L Post 2 | Dominion Energy Transmission, Inc. | Gantz | Storage | 1970 | ACTIVE | 39.132930 | -80.486946 |
| 21 | 4704100311 | Lewis | A Hughes | Dominion Energy Transmission, Inc. | Up Devonian | Storage | 2199 | ACTIVE | 39.144083 | -80.502504 |
| 22 | 4704100312 | Lewis | W T Garton | Dominion Energy Transmission, Inc. | Hampshire Grp | Gas | 2263 | PLUGGED | 39.126053 | -80.486425 |
| 23 | 4704100314 | Lewis | F L Post | Dominion Energy Transmission, Inc. | Hampshire Grp | Storage | 2397 | ACTIVE | 39.134769 | -80.485998 |
| 24 | 4704100322 | Lewis | A H Hughes | UNKNOWN | Hampshire Grp | Gas | 2601 | PLUGGED | 39.140364 | -80.507823 |
| 25 | 4704100324 | Lewis | Clark Gaston | Dominion Energy Transmission, Inc. | Hampshire Grp | Storage | 2106 | ACTIVE | 39.134155 | -80.495652 |
| 26 | 4704100325 | Lewis | George Norris | Hope Natural Gas Company | Hampshire Grp | N Gas Gas | 2228 | PLUGGED | 39.120161 | -80.492216 |
| 27 | 4704100328 | Lewis | H J Hughes | Dominion Energy Transmission, Inc. | Hampshire Grp | Storage | 2401 | ACTIVE | 39.138624 | -80.498743 |
| 28 | 4704100363 | Lewis | N J Oldaker | UNKNOWN | Up Devonian | Storage | 1905 | PLUGGED | 39.139006 | -80.489544 |
| 29 | 4704101467 | Lewis | H J Hughes | UNKNOWN | Fifth | Pro Storage | 2407 | PLUGGED | 39,143186 | -80.493922 |
| 30 | 4704101494 | Lewis | S R Hall | Dominion Energy Transmission, Inc. | Fifth | e Storage | 2453 | ACTIVE | 39.122439 | -80.484011 |
| 31 | 4704101535 | Lewis | Virginia Hughes | Dominion Energy Transmission, Inc. | Fifth | tion Dry | 2576 | PLUGGED | 39.146842 | -80.505298 |
| 32 | 4704101673 | Lewis | Cecil I Dempsey | Dominion Energy Transmission, Inc. | Greenland Gap Fm | Gas | 4509 | ACTIVE | 39,118627 | -80.488538 |
| 33 | 4704101892 | Lewis | Edwin Gaston | Dominion Energy Transmission, Inc. | Benson | Storage | 4470 | ACTIVE | 39.120917 | -80.498325 |

| | 1,01201330 | LCVIII | K Ly renry drincenera | | | | | | | |
|----|------------|--------|-----------------------|------------------------------------|------------------|---------------|-------|---------|-----------|------------|
| 42 | 4704104550 | Lewis | R E/Terry Brincefield | Dominion Energy Transmission, Inc. | Greenland Gap Fm | Gas | 4618 | ACTIVE | 39.138691 | -80.492300 |
| 41 | 4704103948 | Lewis | John Mann | Dominion Energy Transmission, Inc. | Greenland Gap Fm | Gas | 4575 | ACTIVE | 39.128306 | -80.493609 |
| 40 | 4704103299 | Lewis | Susan Hall | Dominion Energy Transmission, Inc. | not available | not available | 2368 | PLUGGED | 39.122284 | -80.485081 |
| 39 | 4704102854 | Lewis | J S Norris | Dominion Energy Transmission, Inc. | not available | Storage | | ACTIVE | 39.115783 | -80.496273 |
| 38 | 4704102648 | Lewis | Edwin Gaston | Dominion Energy Transmission, Inc. | not available | Storage | - 1 | ACTIVE | 39.126152 | -80.497246 |
| 37 | 4704102639 | Lewis | H L Frashuer | Dominion Energy Transmission, Inc. | not available | Storage | - | ACTIVE | 39.133693 | -80.497995 |
| 36 | 4704102634 | Lewis | T S Allman | Dominion Energy Transmission, Inc. | not available | Storage | - | ACTIVE | 39.126443 | -80.484399 |
| 35 | 4704102626 | Lewis | A R Frashuer | Dominion Energy Transmission, Inc. | not available | Storage | - 1 | ACTIVE | 39.128328 | -80.494641 |
| 34 | 4704102625 | Lewis | J S Norris | Dominion Energy Transmission, Inc. | not available | Storage | 1 1 2 | ACTIVE | 39.120873 | -80.492026 |

SOURCE: WVGES DATASET (2020) and WVDEP WEBSITE AND FIELD SURVEYS





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Notes: Well No. Flesher 1212 N-1H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'05.62" Latitude: 39°10'00.86"

Longitude: 80°29'16.30" Longitude: 80°30'58.14"

UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates N: 4.330.031.659m N: 4.335,420,257m E: 544,289.285m E: 541,814.752m

Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Notes: Well No. Flesher 1212 N-1H UTM NAD 1983 (USSF) Top Hole Coordinates N: 14,206,112.20' E: 1.785.722.43' Landing Point Coordinates N: 14,205,918.94' E: 1,783,866,28

Bottom Hole Coordinates

N: 14,223,791.28

E: 1,777,603.90

| ID | Lease |
|----|-------------------------------|
| 10 | W.H. Coffindaffer, et al |
| 15 | Alvadore Hughes, et al |
| 16 | Henry Frashuer, et al |
| 19 | A.R. Frashuer, et al |
| 26 | Alvadore Hughes, et al |
| 34 | W.W. Paugh, et al |
| 39 | Robert Max McDonald, Trustee |
| 41 | Betty A. Coffindaffer, et al |
| 44 | A.H. Reed, et al |
| 45 | Edwin Gaston, et al |
| 52 | W.D. Hitt, et al |
| 54 | Pearle A. Norris, et al |
| 55 | J.S. Nomis, et al |
| 58 | Robert W. Coffindaffer, et al |

| RECE | VETag | as Bearing | Dist. | Description |
|---------------------|----------|-------------------------|---------|---------------|
| Office of O | L1 | N 42°53' W | 1,552.4 | #47-041-05262 |
| . 0 | - 130 | 21N 21°41'E | 676.4 | 1/2" Rebar |
| MHI | L3 | N ₆ 67°29' E | 1,597.9 | 1" Iron pipe |
| WV Der Environme | oart The | otection 25' E | 1,992.8 | 5/8" Rebar |
| Environme | L5 | S 84°03' W | 1,866.2 | Landing point |

| We | lhead Layout (N | (TS) |
|--|-----------------------------|--|
| Flesher 1212 N-2H API# 47-041-05711) Proposed Well Flesher 1212 N-1H (API# 47-041-05710) | S 09°03'E 15' O.C. (Typ) | Flesher 1212 N-3H (API# 47-041-05712) Flesher 1212 N-4H (API# 47-041-05707) Flesher 1212 S-8H (API# 47-041-05717) Flesher 1212 S-7H (API# 47-041-05716) |

| Well Location References | Legend | | |
|---|---|--|--|
| Not to Scale Flesher 1212 Pad | ● Proposed gas well ◆ Well Reference, as noted Monument, as noted | | |
| 18" Sycamore | Existing Well, as noted Digitized Well, as noted | | |
| Proposed Well Flesher 1212 N-1H 16" Elm | Creek or Drain Creek or Drain Surface Boundary (approx.) Interior surface tracts (approx.) | | |

| FILE NO: | 156-36-12-U-F-19 |
|----------|--|
| DRAWING | G NO: Flesher 1212 N-1H Well Pla |
| SCALE: | 1" = 2000' |
| MINIMUN | DEGREE OF ACCURACY: Submeter |
| | SOURCE OF ELEVATION: CORS, Bridgeport, WV |

WELL TYPE: OIL

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

OPERATOR'S WELL NO. Flesher 1212 N-1H API WELL NO 47 041 - 05710 STATE COUNTY PERMIT

QUADRANGLE: Top: Weston

Btm: Big Isaac

COUNTY: Lew 6/04/2021

| WELL TYPE: OIL | X GAS | | | WASTE DISPOSAL |
|------------------------|---------------|----------------|---------------|----------------|
| (IF GAS) PRO | DUCTION: | ☐ STORAGE | ☐ DEEP | ⊠ SHALLOW |
| LOCATION: ELEVATION | N: 1,332.2' W | ATERSHED: Midd | lle West Fork | Creek |
| DISTRICT: Freemans Cro | ok | | | |

DISTRICT: Freemans Cree

SURFACE OWNER: _ H.G. Energy II Appalachia, LLC

ROYALTY OWNER: W.D. Hitt, et al, et al

ACREAGE: 70.00 LEASE NO: ACREAGE: 210.00

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION

□PERFORATE NEW FORMATION SOTHER PHYSICAL CHANGE IN WELL (SPECIFY) LP - MOD

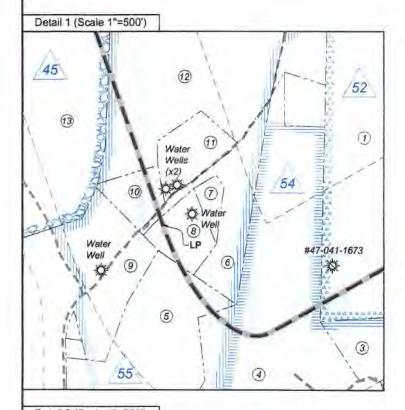
6.925' TVD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH; 26,716' MD

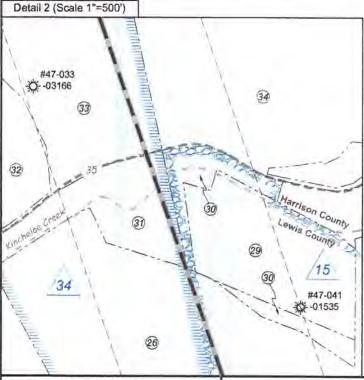
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road Parkersburg, WV 26101 Parkersburg, WV 26101

HG Energy II Appalachia, LLC Well No. Flesher 1212 N-1H MOD

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| | | Lewis Co Freeman Creek Dist. | | |
|-----|------------|---|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 6C / 47 | HG Energy II Appalachia, LLC | 753 / 453 | 70.00 |
| 2 | 6C / 43 | Gary Allen Sias | 646 / 688 | 50.59 |
| 3 | 6C / 25.1 | William Radtka & Helen Burton | 655 / 681 | 5.85 |
| 4 | 6C / 25 | Robert M. Painter | 629 / 411 | 27.48 |
| 5 | 6C / 23.2 | Michael & Laura Phillips | 661 / 298 | 21.32 |
| 6 | 6C / 23.4 | Richard G. Hayhurst, et ux | 565 / 326 | 4.13 |
| 7 | 6C / 23.10 | Gary Farris | 700 / 769 | 0.65 |
| 8 | 6C / 23.6 | Gary Farris | 700 / 769 | 2.02 |
| 9 | 6C / 21 | Thomas R. Zinn, et al | 445 / 493 | 166.25 |
| 10 | 6C / 23.5 | Larry Jarrett & Michelle Casey | 661 / 455 | 1.53 |
| 11 | 6C / 23.7 | Gary C. & Brenda J. Maki | 671 / 327 | 2.40 |
| 12 | 6C / 23.3 | Richard G. Hayhurst, et ux | 566 / 470 | 19.37 |
| 13 | 6C / 22 | Mann Family Trust | 617 / 608 | 265.19 |
| 14 | 6C / 58 | Mann Family Trust | 617 / 608 | 7.62 |
| 15 | 6C / 22.4 | Stephen & Wendy Mann | 724 / 907 | 1.22 |
| 16 | 6C / 22.2 | Stephen & Wendy Mann | 718 / 175 | 5.97 |
| 17 | 6C / 22.1 | Monika K.M. & Richard A. Weldon | | |
| | | Mann Family Trust | 674/314 | 5.00 |
| 18 | 6B / 31 | | 617 / 608 | 17.00 |
| 19 | 6B / 13 | Mann Family Trust | 617 / 608 | 38.55 |
| 20 | 6C / 23 | Richard G. Hayhurst, et ux | 566 / 355 | 34.80 |
| 21 | 6B / 28 | Robert E. Brincefield Jr. & Terri Lynne Trust, et al | 578 / 630 | 31.00 |
| 22 | 6B / 16 | Mann Family Trust | 617 / 608 | 21.45 |
| 00 | 00 107 | Robert E. Brincefield Jr. & | 570 (600 | 44.00 |
| 23 | 6B / 27 | Terri Lynne Trust, et al | 578 / 630 | 14.00 |
| 64 | 00 110 1 | Robert E. Brincefield Jr. & | 570 / 550 | |
| 24 | 6B / 19.1 | Terri Lynne Trust, et al | 578 / 630 | 52.00 |
| | | | | 12.00 |
| 25 | 6B / 20.1 | Terri Lynne Tours CENED G | 578 / 630 | 9.00 |
| 26 | 6B / 21 | Mark Bo Boths Oil and | W50 / 769 | 195.91 |
| | | Robert E. Brincefield Jr. & Terri Lynne The CELVED GO | 11001100 | |
| 27 | 6B / 21.1 | Terri Lynne Trust @ 5 702 | 578 / 630 | 44.00 |
| 28 | 6B/3 | Eric B. & Kathy A. Beevers | 509 / 197 | 99.00 |
| 29 | 6B / 50 | Jackie & Barbara Caplinger | 0\$23 / 445 | 10.49 |
| 23 | 05/30 | Harrison Co Union-Quaside Disto | oction | 10.49 |
| No. | TM / Par | Owner name Disto | Bk / Pg | Ac. |
| 30 | 443 / 17 | Jackie & Barbara Caplinger | 1416 / 1052 | 1.53 |
| 31 | 442/14 | Jackie & Barbara Caplinger | 1416 / 1052 | 12.00 |
| 32 | 442 / 13.1 | Virginia E. Grogg | | |
| 33 | 442 / 13.1 | Kimberly S. Shaw | 1379 / 1109 | 15.20 |
| | | | 1544 / 132 | 34.02 |
| 34 | 443/2 | Lou Ann Baker | 1307 / 1155 | 26.54 |
| 35 | 443 / 1 | Lou Ann Baker | 1323 / 1089 | 25.14 |
| 36 | 422 / 38 | Jody Ross & Dawn Price | 1283 / 546 | 36.77 |
| 37 | 422 / 37 | Jody Ross & Dawn Price | 1283 / 546 | 34.70 |
| 38 | 422 / 34.1 | Mark J. Coffindaffer | W160 / 415 | 24.07 |
| 39 | 422 / 35 | Jody Ross & Dawn Price | 1283 / 546 | 31.16 |
| 40 | 422 / 34 | Terry Bostardi, et al | 1617 / 374 | 66.56 |
| 41 | 422 / 20 | Jody Ross & Dawn Price | 1283 / 546 | 3.66 |
| 42 | 422 / 20.1 | Brittany Ross & Vance Miller | 1482 / 996 | 1.70 |
| 43 | 422 / 16 | Terry Bostardi, et al | 1617 / 374 | 62.61 |
| 44 | 422 / 18 | Stephen J. & Freda P. Perkins | 1258 / 66 | 61.60 |
| 45 | 422 / 17 | Stephen J. & Freda P. Perkins | 1258 / 66 | 16.87 |
| | | | | |
| 46 | 422 / 15.1 | Stephen J. & Freda P. Perkins | 1560 / 347 | 61.48 |

FILE NO: 156-36-12-U-F-19

DRAWING NO: Flesher 1212 N-1H Well Plat

1" = 2000" SCALE:

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: | ٨ | 1ay 14 | | 20 21 |
|---------|--------|------------|-------|-----------|
| OPERATO | R'S WE | LL NO. FIE | esher | 1212 N-1H |
| | AP | WEL | LNO | C |
| 47 | _ | 041 | _ | 05710 |

COUNTY

QUADRANGLE: Top: Weston

Btm: Big Isaac

COUNTY: Lewis 6/04/2021

PERMIT

STATE

Parkersburg, WV 26101

| WELL TYPE: □ OIL X GAS | T LIQUID IN IECTION EL WASTE DISPOSAL |
|----------------------------------|---------------------------------------|
| | ☐ LIQUID INJECTION ☐ WASTE DISPOSAL |
| (IF GAS) PRODUCTION: | ☐ STORAGE ☐ DEEP ☒ SHALLOW |
| | |
| LOCATION: ELEVATION: 1,332.2' WA | ATERSHED: Middle West Fork Creek |
| DISTRICT: Freemans Creek | |
| | m managa a si Alia |
| SURFACE OWNER: H.G. Energy II A | ppalachia, LLC |

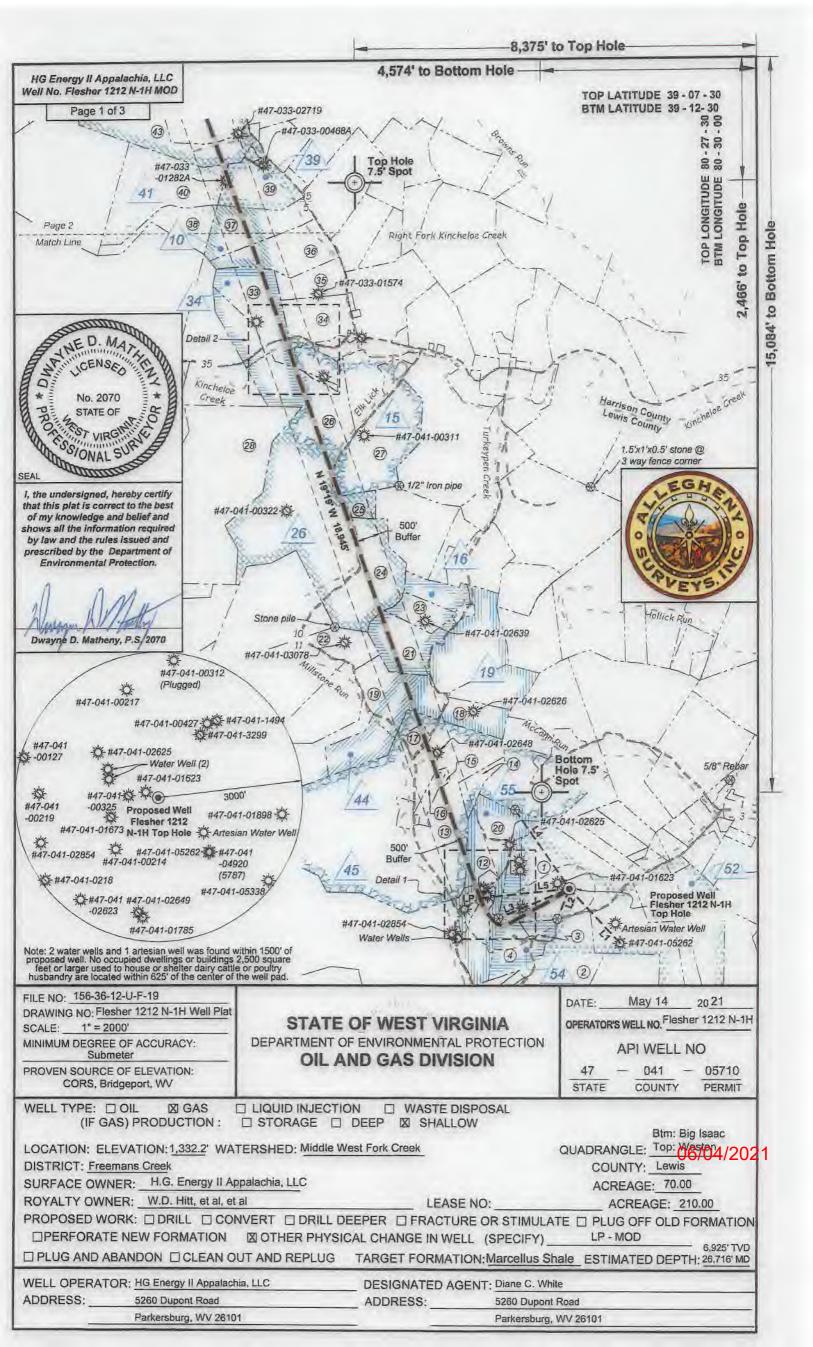
ACREAGE: 70.00 ROYALTY OWNER: W.D. Hitt, et al, et al LEASE NO: ACREAGE: 210.00 PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION

LP-MOD

□PERFORATE NEW FORMATION ☑ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _

TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,716' MD ☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG

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



Page 2 of 3





Notes: Well No. Flesher 1212 N-1H

UTM NAD 1983 (USSF)

Top Hole Coordinates N: 14,206,112.20

E: 1,785,722.43' Landing Point Coordinates

N: 14,205,918.94

E: 1,783,866.28

Lease
W.H. Colfindatier, et al
Alvadore Hughes, et al
Henry Frashuer, et al
A.R. Frashuer, et al
Alvadore Hughes, et al
W.W. Paugh, et al
bert Max McDonald, Truste
Belty A. Coffindatier, et al 15 16 41 A.H. Reed, et al Edwin Gaston, et al W.D. Hitt, et al Peane A. Norris, et al J.S. Norris, et al Robert W. Coffindaffer, et al

| Tag | Bearing | Dist. | Description |
|-----|------------|----------|---------------|
| L1 | N 42°53' W | 1,552.4 | #47-041-05262 |
| L2 | N 21°41' E | 676.4' | 1/2" Rebar |
| L3 | N 67°29' E | 1,597.9 | 1" Iron pipe |
| L4 | S 34°25' E | 1,992.8' | 5/8" Rebar |
| L5 | S 84°03' W | 1,866.2 | Landing point |

Legend

Bottom Hole Coordinates N: 14,223,791.28' Plat orientation and corner and well references are based upon the grid north meridian. Well location E: 1,777,603.90 references are based upon the magnetic meridian. Wellhead Layout (NTS) Flesher 1212 N-3H (API# 47-041-05712) N 80°53' E 25' Flesher 1212 N-2H Flesher 1212 N-4H (API# 47-041-05711) (API# 47-041-05707) S 09°03' E 15' O.G. (Typ) 0 Proposed Well Flesher 1212 N-1H 0 Flesher 1212 S-8H (API# 47-041-05710) (AP# 47-041-05717) 6 Flesher 1212 N-9H Flesher 1212 S-7H (API# 47-041-05713) (API# 47-041-05716) Flesher 1212 S-5H (API# 47-041-05715)

| Well Location Re Not to Sca | The state of the s | 6 |
|---------------------------------|--|---------|
| AZ14° 324' - | Flesher 1212 Pad | の 中 田 松 |
| Proposed Well Flesher 1212 N-1H | 16" Elm | *** |

| | | | - |
|----|---|-----------------------------------|---|
| | | Proposed gas well | |
| r | | Well Reference, as noted | |
| ad | ⊗ | Monument, as noted | |
| | * | Existing Well, as noted | |
| | 恭 | Digitized Well, as noted | |
| | | Creek or Drain | |
| | | Existing Road | |
| | | Surface boundary (approx.) | |
| m | | Interior surface tracts (approx.) | |
| _ | | | |

FILE NO: 156-36-12-U-F-19 DRAWING NO: Flesher 1212 N-1H Well Plat 1" = 2000' SCALE:

Flesher 1212 S-6H (API# 47-041-05714)

Notes: Well No. Flesher 1212 N-1H

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

Top Hole coordinates Bottom Hole coordinates
Latitude: 39"07'05.62" Latitude: 39"10'00.86"

Longitude: 80°29'16.30" Longitude: 80°30'58.14"

Top Hole Coordinates

N: 4.330.031.659m

E: 544,289.285m

UTM Zone 17, NAD 1983 pordinates Bottom Hole Coordinates

N: 4.335,420,257m

E: 541,814.752m

MINIMUM DEGREE OF ACCURACY: Submeter

PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

May 14 DATE: 2021 OPERATOR'S WELL NO. Flesher 1212 N-1H

API WELL NO

47 041 - 05710 STATE COUNTY PERMIT

QUADRANGLE: Top: Weston

ACREAGE: 70.00

Btm: Big Isaac

COUNTY: Lew 26/04/2021

WELL TYPE: OIL (IF GAS) PRODUCTION:

X GAS

☐ LIQUID INJECTION ☐ WASTE DISPOSAL ☐ STORAGE ☐ DEEP ☒ SHALLOW

LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

SURFACE OWNER: H.G. Energy II Appalachia, LLC

ROYALTY OWNER: W.D. Hitt, et al, et al

LEASE NO: ACREAGE: 210.00

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION LP - MOD

□PERFORATE NEW FORMATION ☑ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,716' 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 2 (Scale | 1"=500') | | |
|-------------------------------|----------|----|------------------------------|
| #47-033 \$\$\display=03166 | | | 3 4 |
| 2 | 35 | | |
| kincheloe crocky | 3 | 30 | Harrison County Lewis County |
| 34 | | | #47-041 |

| | | Lewis Co Freeman Creek Dist. | 1 | |
|----------|------------------------|---------------------------------|-------------|--------|
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 1 | 6C / 47 | HG Energy II Appalachia, LLC | 753 / 453 | 70.00 |
| 2 | 6C / 43 | Gary Allen Sias | 646 / 688 | 50.59 |
| 3 | 6C / 25.1 | William Radtka & Helen Burton | 655 / 681 | 5.85 |
| 4 | 6C / 25 | Robert M. Painter | 629 / 411 | 27.48 |
| 5 | 6C / 23.2 | Michael & Laura Phillips | 661 / 298 | 21.32 |
| 6 | 6C / 23.4 | Richard G. Hayhurst, et ux | 565 / 326 | 4.13 |
| 7 | 6C / 23.10 | Gary Farris | 700 / 769 | 0.65 |
| 8 | 6C / 23.6 | Gary Farris | 700 / 769 | 2.02 |
| 9 | 6C / 21 | Thomas R. Zinn, et al | 445 / 493 | 166.25 |
| 10 | 6C / 23.5 | Larry Jarrett & Michelle Casey | 661 / 455 | 1,53 |
| 11 | 6C / 23.7 | Gary C. & Brenda J. Maki | 671 / 327 | 2.40 |
| 12 | 6C / 23.3 | Richard G. Hayhurst, et ux | 566 / 470 | 19.37 |
| 13 | 6C / 22 | Mann Family Trust | 617 / 608 | 265.19 |
| 14 | 6C / 58 | Mann Family Trust | 617 / 608 | .7.62 |
| 15 | 6C / 22.4 | Stephen & Wendy Mann | 724 / 907 | 1.22 |
| 16 | 6C / 22.2 | Stephen & Wendy Mann | 718 / 175 | 5.97 |
| 17 | 6C / 22.1 | Monika K.M. & Richard A. Weldon | 674 / 314 | 5.00 |
| 18 | 6B / 31 | Mann Family Trust | 617 / 608 | 17.00 |
| 19 | 6B / 13 | Mann Family Trust | 617 / 608 | 38.55 |
| 20 | 6C / 23 | Richard G. Hayhurst, et ux | 566 / 355 | 34.80 |
| | | Robert E. Brincefield Jr. & | | |
| 21 | 6B / 28 | Terri Lynne Trust, et al | 578 / 630 | 31.00 |
| 22 | 6B / 16 | Mann Family Trust | 617 / 608 | 21.45 |
| 100 | | Robert E. Brincefield Jr. & | | |
| 23 | 6B / 27 | Terri Lynne Trust, et al | 578 / 630 | 14.00 |
| | 6.5.0.00 | Robert E. Brincefield Jr. & | | - |
| 24 | 6B / 19.1 | Terri Lynne Trust, et al | 578 / 630 | 52.00 |
| | | Robert E. Brincefield Jr. & | | |
| 25 | 6B / 20.1 | Terri Lynne Trust, et al | 578 / 630 | 9,00 |
| 26 | 6B / 21 | Mark D. Roles | W50 / 769 | 195.9 |
| | | Robert E. Brincefield Jr. & | A | |
| 27 | 6B / 21.1 | Terri Lynne Trust, et al | 578 / 630 | 44.00 |
| 28 | 6B/3 | Eric B. & Kathy A. Beevers | 509 / 197 | 99.00 |
| 29 | 6B / 50 | Jackie & Barbara Caplinger | 623 / 445 | 10.49 |
| 20 | 00700 | Harrison Co Union-Outside Dist. | 0201 110 | 101.10 |
| No. | TM / Par | Owner | Bk / Pg | Ac. |
| 30 | 443 / 17 | Jackie & Barbara Caplinger | 1416 / 1052 | 1.53 |
| 31 | 442/14 | Jackie & Barbara Caplinger | 1416 / 1052 | 12.00 |
| 32 | 442 / 13.1 | Virginia E. Grogg | 1379 / 1109 | 15.20 |
| 33 | 442 / 13 | Kimberly S. Shaw | 1544 / 132 | 34.02 |
| 34 | 443/2 | Lou Ann Baker | 1307 / 1155 | 26.54 |
| 35 | 443/1 | Lou Ann Baker | 1323 / 1089 | 25.14 |
| 36 | 422 / 38 | Jody Ross & Dawn Price | 1283 / 546 | 36.77 |
| 37 | 422 / 37 | Jody Ross & Dawn Price | 1283 / 546 | 34.70 |
| 38 | 422 / 34.1 | Mark J. Coffindaffer | W160 / 415 | 24.07 |
| 39 | 422 / 35 | Jody Ross & Dawn Price | 1283 / 546 | 31.16 |
| 40 | 422 / 34 | Terry Bostardi, et al | 1617 / 374 | 66.56 |
| 41 | 422 / 20 | Jody Ross & Dawn Price | 1283 / 546 | 3.66 |
| 42 | 422 / 20.1 | Brittany Ross & Vance Miller | 1482 / 996 | 1.70 |
| 43 | 422 / 16 | Terry Bostardi, et al | 1617 / 374 | 62.61 |
| 44 | 422 / 18 | Stephen J. & Freda P. Perkins | 1258 / 66 | 61.60 |
| 44 | 422 / 10 | Stephen J. & Freda P. Perkins | 1258 / 66 | 16.87 |
| AF | | | | 10.07 |
| 45 46 | 422 / 17 422 / 15.1 | Stephen J. & Freda P. Perkins | 1560 / 347 | 61.48 |

| FILE NO: | 156-36-12-U-F-19 |
|----------|---------------------------------|
| DRAWING | NO: Flesher 1212 N-1H Well Pla |
| 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

May 14 20.21 OPERATOR'S WELL NO. Flesher 1212 N-1H API WELL NO 47 041 - 05710

STATE

| WELLT | YPE: | OIL | ☑ GAS | ☐ LIQUID IN | JECTIC | □ NC | W | ASTE DISPOSAL |
|-------|------|---------|-----------|-------------|--------|------|---|---------------|
| | (IF | GAS) PR | ODUCTION: | ☐ STORAG | E | DEEP | X | SHALLOW |
| | | | | | | | | |

LOCATION: ELEVATION: 1,332.2' WATERSHED: Middle West Fork Creek

DISTRICT: Freemans Creek

SURFACE OWNER: H.G. Energy II Appalachia, LLC

ROYALTY OWNER: W.D. Hitt, et al, et al

LEASE NO:

Btm: Big Isaac QUADRANGLE: Top: Weston COUNTY: Lewis 12021

COUNTY PERMIT

ACREAGE: 70.00 ACREAGE: 210.00

PROPOSED WORK: ☐ DRILL ☐ CONVERT ☐ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION

□PERFORATE NEW FORMATION ☑ OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _ LP - MOD

□ PLUG AND ABANDON □ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH; 26,716' 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



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

May 25, 2021

WV DEP Division of Oil & Gas Attn: Kelly Kees 601 57th Street Charleston, West Virginia 25304

Office of Oil and Gas

MAY 27 2021

Environmental Protection

RE: Flesher 1212 N-1H Request for Permit Revision – (47-041-05710)

Freemans Creek District, Lewis County, West Virginia Request for Modification Due to Changes to the BHL/LP

Dear Ms. Kees -

Per our discussions, enclosed are revised forms (survey plat, mylar, WW-6B, casing schematic and AOR) for the requested 1212 N-1H well work permit revision. Also included is a check to cover the cost of requesting a modification for an existing permit. We ask the permit be modified to reflect changes in the LP and BHL locations.

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

Very truly yours,

Diane White

Diane C. White

Enclosures

cc: Sam Ward - DEP State Inspector