

HG Energy II Appalachia, LLC  
Well No. McDoland  
1211 N-5H MOD

Page 1 of 2

Tag	Bearing	Dist.
L1	S 76°20' W	2,949.9'
L2	N 75°51' W	2,336.3'
L3	N 29°27' W	2,064.7'
L4	N 46°51' E	1,191.4'
L5	N 36°47' E	1,204.2'

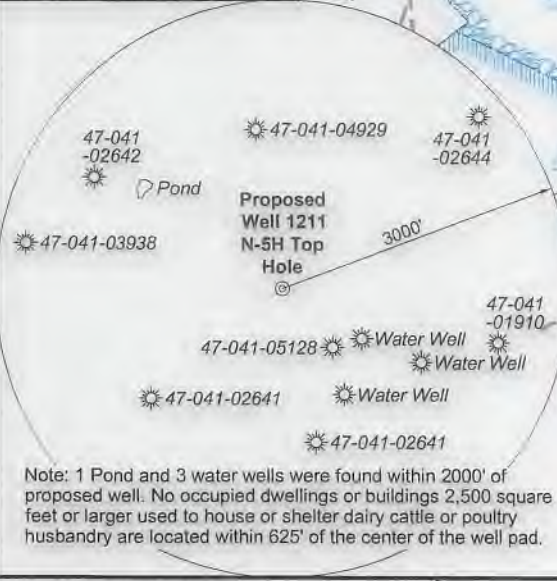
Notes:

Well No. 1211 N-5H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,211,837.96'  
E: 1,789,516.42'  
Landing Point Coordinates  
N: 14,212,802.35'  
E: 1,790,237.59'  
Defection Point Coordinates  
N: 14,225,456.87'  
E: 1,785,765.95'  
Bottom Hole Coordinates  
N: 14,230,956.42'  
E: 1,784,205.98'

Notes: Well No. 1211 N-5H  
West Virginia Coordinate System  
of 1927, North Zone  
based upon Differential GPS  
Measurements.

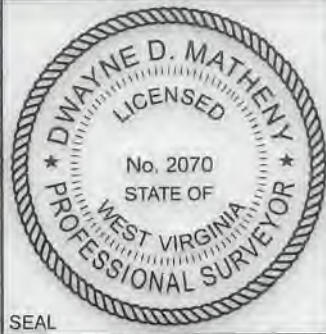
Top Hole coordinates  
Latitude: 39°08'02.02"  
Longitude: 80°28'27.72"  
Bottom Hole coordinates  
Latitude: 39°11'11.35"  
Longitude: 80°29'33.78"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates  
N: 4,331,776.874m  
E: 545,445.696m  
Bottom Hole Coordinates  
N: 4,337,604.190m  
E: 543,827.070m

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



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

Dwayne D. Matheny, P.S. 2070



9,743' to Bottom Hole  
4,547' to Top Hole  
BTM LATITUDE 39 - 12 - 30  
TOP LATITUDE 39 - 10 - 00

LONGITUDE 80 - 27 - 30

11,933' to Top Hole

7,957' to Bottom Hole

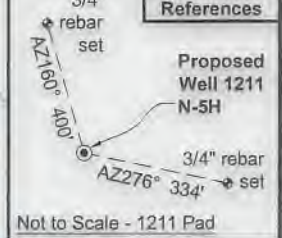
Legend

- ⊙ Proposed gas well
- ⊙ Well Reference, as noted
- ⊙ Monument, as noted
- ⊙ Existing Well, as noted
- ⊙ Existing Plugged Well, as noted
- ⊙ Digitized Well, as noted
- County Line
- Existing Road
- Surface boundary (approx.)
- Interior surface tracts (approx.)

Wellhead Layout  
(Not to Scale)



Well Location  
References



FILE NO: 79-36-12-U-F-18  
DRAWING NO: 1211 N-5H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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

DATE: December 2 2020  
OPERATOR'S WELL NO. 1211 N-5H  
API WELL NO  
47 - 041 - 0570  
STATE COUNTY PERMIT

WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW  
LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek  
DISTRICT: Freemans Creek  
SURFACE OWNER: HG Energy II Appalachia, LLC  
ROYALTY OWNER: Mary R. Post, et al, et al LEASE NO: ACREAGE: 145.00  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) MOD - BHL  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,490' MD 6,800' 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





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4	Cora B. Allman, et al
5	Guinn Minter, et al
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13	443 / 29.3	Ruth Burnside	1268 / 1188	1.426
14	443 / 29.1	Laurie D. & Marion D. Watts Jr.	1462 / 1312	0.70
15	443 / 29	Danny L. & Rebecca A. Stickel	1258 / 1130	39.01
16	443 / 29.2	Steve L. & Nadine J. Villers	1226 / 203	0.21
17	443 / 14	Steve L. & Nadine J. Villers	1180 / 529	102.03
18	443 / 16	Elizabeth Ann Summerfield	1548 / 263	11.92
19	423 / 28	Christopher M. Gillespie, et al	1479 / 475	88.00
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42	403 / 4.6	Stonewall Gas Gathering, LLC	1548 / 1210	1.75
43	403 / 4.1	Terry & Kimberly Simons	1597 / 530	2.47
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Submeter  
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CORS, Bridgeport, WV

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

DATE: December 2 2020  
OPERATOR'S WELL NO. 1211 N-5H  
API WELL NO  
47 - 041 - 0570  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,265.5' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford  
DISTRICT: Freemans Creek COUNTY: Lewis  
SURFACE OWNER: HG Energy II Appalachia, LLC ACREAGE: 61.50  
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PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
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 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,490' MD

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
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Well No. McDolanid  
1211 N-5H MOD

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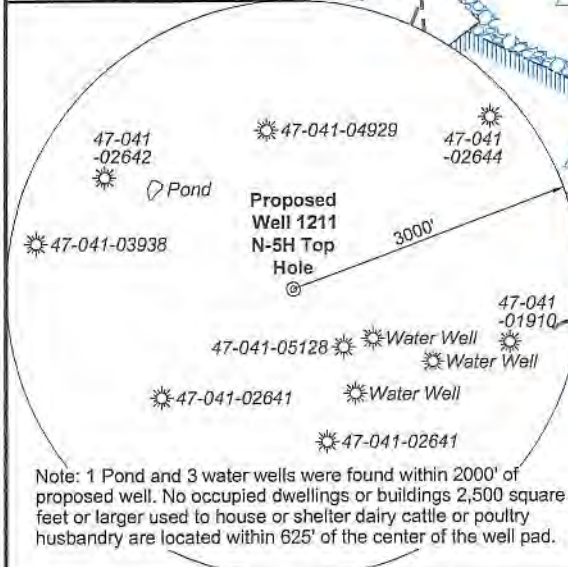
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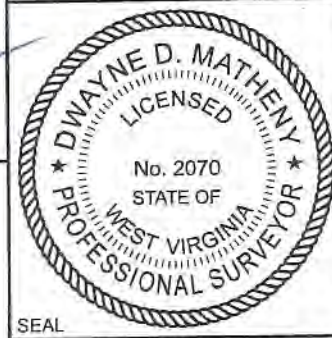
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Dwayne D. Matheny, P.S. 2070



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

LONGITUDE 80 - 27 - 30

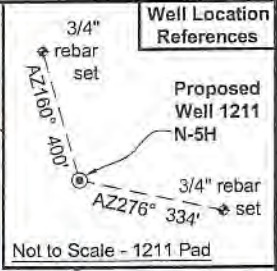
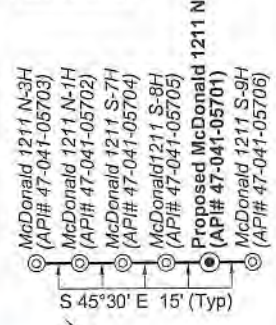
7,957' to Bottom Hole

11,933' to Top Hole

Legend

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- County Line
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- Surface boundary (approx.)
- Interior surface tracts (approx.)

Wellhead Layout  
(Not to Scale)



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Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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

DATE: December 2 2020  
OPERATOR'S WELL NO. 1211 N-5H  
API WELL NO  
47 - 041 - 05702  
STATE - COUNTY - PERMIT

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

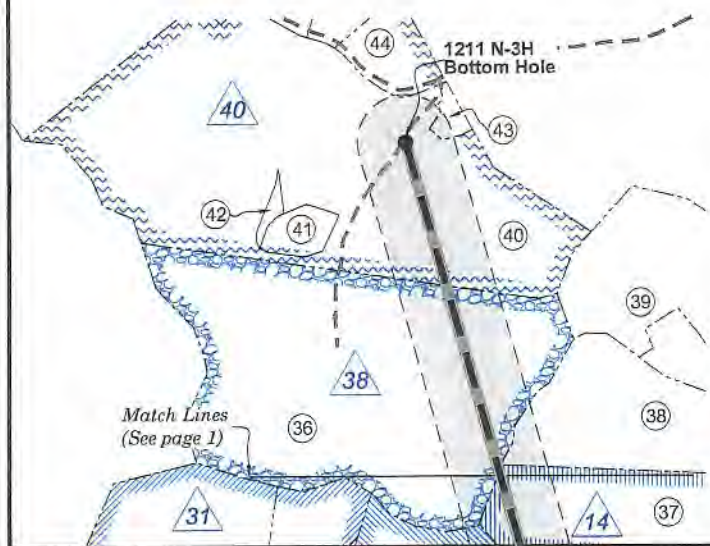
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**OIL AND GAS DIVISION**

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47 - 041 - 05702  
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