

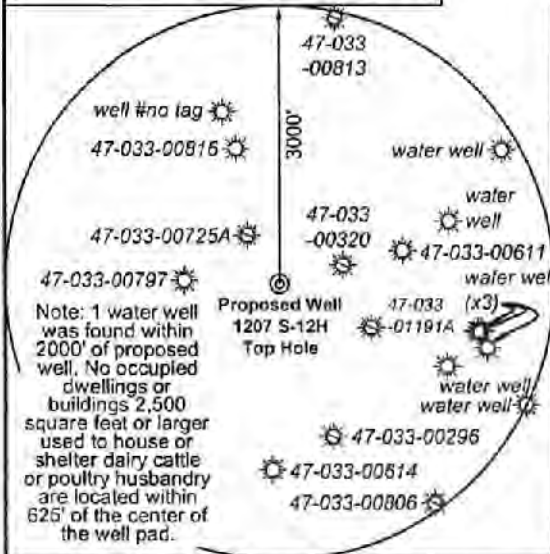


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

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.)



Tag	Bearing	Dist.
L1	S 04°03' E	1,491.3'
L2	S 15°30' W	1,570.9'
L3	S 74°57' W	2,114.5'
L4	N 72°49' W	949.0'
L5	N 79°16' E	2,221.7'

Notes: Well No. 1207 S-12H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'04.86" Latitude: 39°07'50.01"
Longitude: 80°24'08.88" Longitude: 80°23'04.66"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,752.555m N: 4,331,455.620m
E: 551,647.437m E: 553,204.395m
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. 1207 S-12H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,319.64'
E: 1,809,863.30'
Landing Point Coordinates
N: 14,218,733.51'
E: 1,812,046.20'
Bottom Hole Coordinates
N: 14,210,783.98'
E: 1,814,971.42'

FILE NO: 296-36-G-18
DRAWING NO: 1207 S-12H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

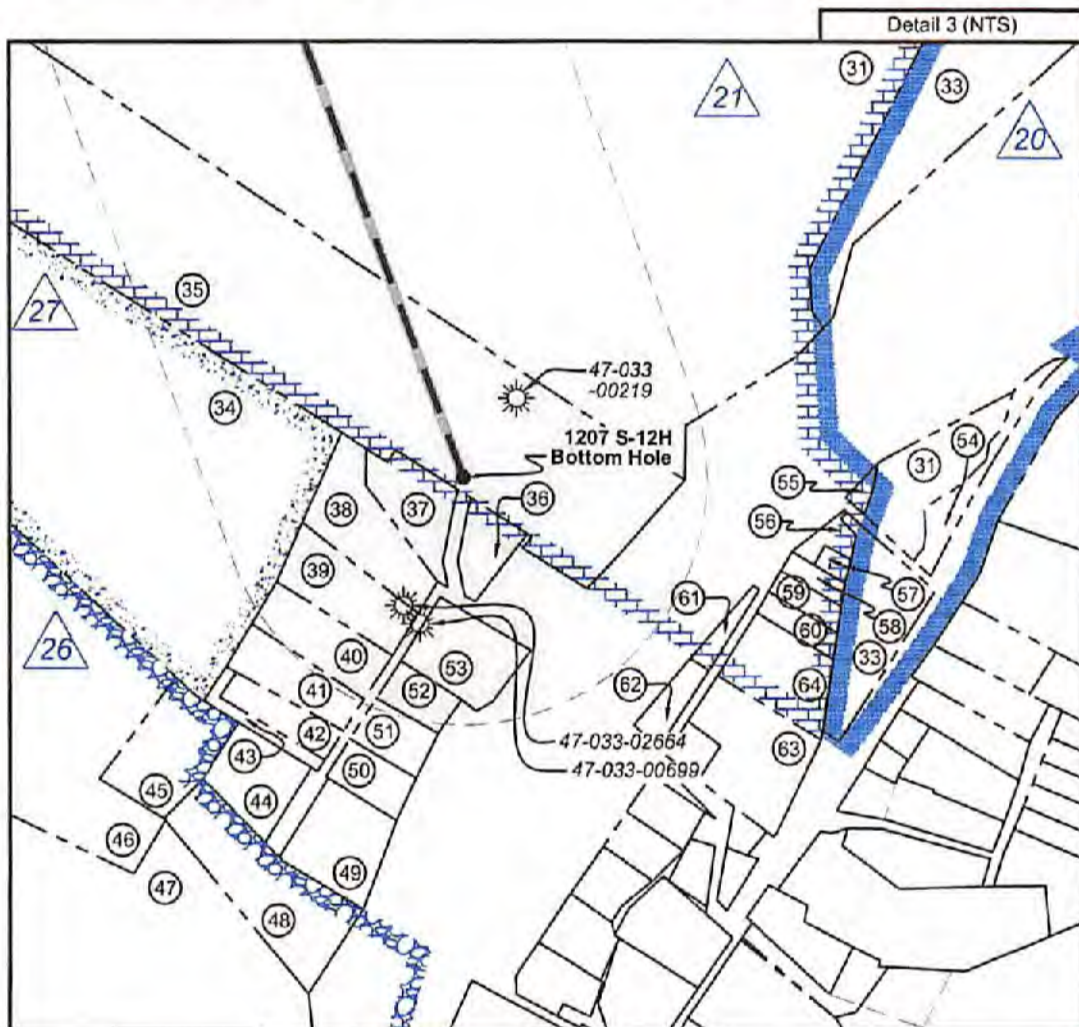
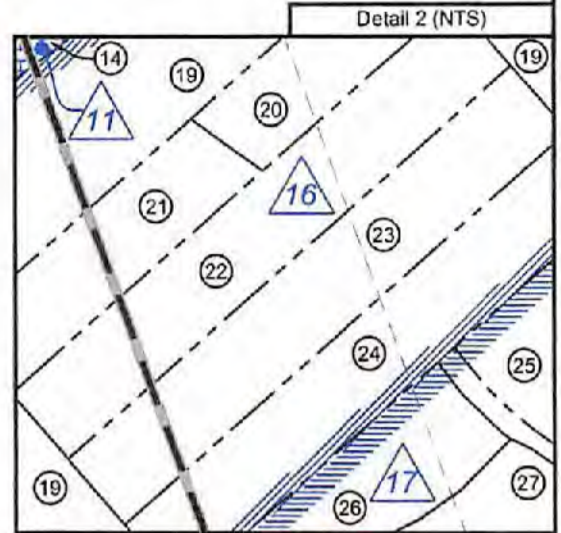
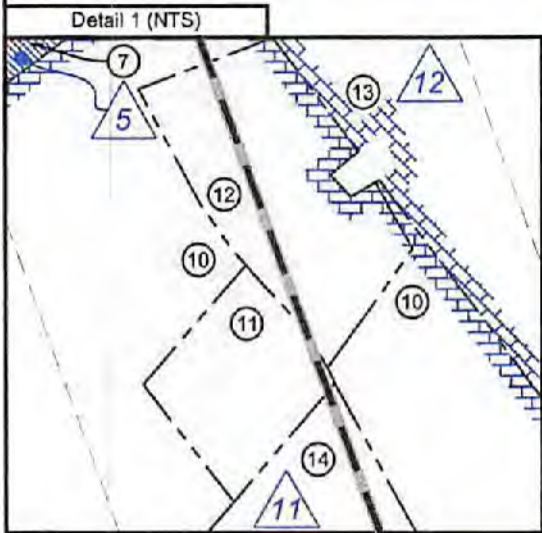
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: September 30, 2019
OPERATOR'S WELL NO. 1207 S-12H
API WELL NO
47 - 033 - 05177
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 QUADRANGLE: West Milford
DISTRICT: Grant COUNTY: Harrison
SURFACE OWNER: HG Energy II Appalachia, LLC 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) LP & BH MOD 7,145' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,526' 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



FILE NO: 296-36-G-18
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SCALE: 1" = 1500'
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: September 30 2019
OPERATOR'S WELL NO. 1207 S-12H
API WELL NO
47 - 033 - 05977
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

QUADRANGLE: West Milford
COUNTY: Harrison

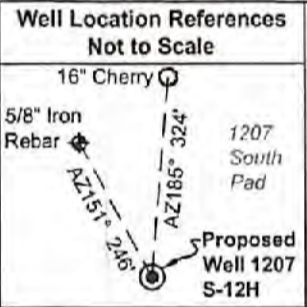
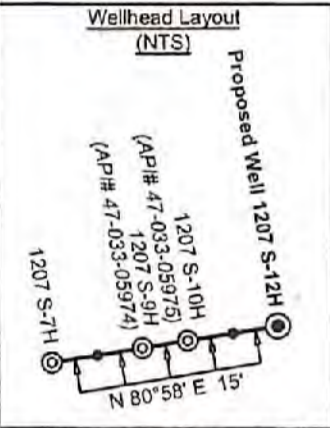
SURFACE OWNER: HG Energy II Appalachia, LLC
ROYALTY OWNER: Dora B. McWhorter, et al

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) LP & BH MOD 7.145' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,626' 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



ID	Lease
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4	C. Earl Snider, et al
5	Union National Bank Trustee of Gore Morris
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10	Hazel Chandler
11	William L. Horner, et al
12	C.E. Hickman, et al
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15	Hazel & Steve Keiffer, et al
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18	Ethel J. Ward, et al
19	Ode Bright, et al
20	Nathan McWhorter, et al
21	Nathan McWhorter, et al
22	Nathan G. & Dora E. McWhorter
26	Hunter Cooper, et al
27	Nelia J. Fitzpatrick, et al
N5	A.C. Thrash, et al

No.	TM / Par	Parcel Owner	Bk / Pg	Ac.
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4	445 / 5.1	David W. Lohr	1531 / 421	3.38
5	426 / 71	Antonio P. LLC	1503 / 291	233.35
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7	445 / 13.1	Martha E. Lambert	--- / ---	26.77
8	445 / 14	Martha E. Lambert	1276 / 582	2.81
9	445 / 13.2	Diana Lambert	1539 / 133	4.54
10	445 / 15.1	Martha E. Lambert	1276 / 582	35.00
11	445 / 15.3	Calder & Maureen Ferguson	1502 / 722	2.08
12	445 / 15.2	Benjamin & Andrea Hall	1475 / 573	4.03
13	445 / 16	Antonio P. LLC	--- / ---	68.85
14	445 / 15	Margaret S. Fisher	1276 / 576	49.69
15	445 / 28	Margaret S. Fisher	1200 / 626	28.75
16	445 / 29	David J. & Judith H. Savage	1161 / 11	5.00
17	446 / 17	David J. & Judith H. Savage	1161 / 11	24.92
18	446 / 18	William Leroy Jenkins	1155 / 581	83.51
19	446 / 30	Charles R. Sutton	1535 / 207	29.00
20	446 / 30.4	Brian Reed	1428 / 1334	2.18
21	446 / 30.5	Joseph & Stephanie Richards	1588 / 679	2.66
22	446 / 30.3	Sylvia Horner Kreng	1138 / 28	4.83
23	446 / 30.2	Mike Ross, Inc.	1561 / 805	4.83
24	446 / 30.1	Sidney Horner	1138 / 28	4.83
25	446 / 31.1	Jeri L. Booher	1421 / 1073	22.61
26	446 / 31.2	Brycen M. Gibson	1526 / 679	11.91
27	446 / 31	Richard L. Hawkins, Jr.	1569 / 982	58.96
28	446 / 31.3	Richard L. Hawkins, Jr.	1569 / 982	5.76
29	446 / 39.1	Charles & Frank Sutton	1401 / 913	47.40
30	465 / 10	Catherine D. Weber	1495 / 458	81.50
31	466 / 5	Mary Reel	1244 / 948	75.48
32	466 / 40	W. Joe & Hannah M. Sutton	1192 / 181	82.69
33	466 / 5.1	Mary Reel	1244 / 948	23.50
34	466 / 2	Worthey E. & Connie S. Poe	1240 / 388	16.70
35	466 / 4	Mary Reel	1244 / 948	10.90
36	466 / 3.1	Page D. Layfield	1123 / 491	0.37
37	466 / 3.2	Gregory A. Wilt	1081 / 112	0.61
38	466 / 3.4	Dominion Transmission	A158 / 362	0.65
39	466 / 3.3	Dominion Transmission	A158 / 362	0.76
40	2004 / 35	Helen Dawn Warner	W141 / 55	1 Lot
41	2004 / 46	Helen Dawn Warner	W141 / 55	1 Lot
42	2004 / 54	Stephen R. Riddle, Jr.	1540 / 231	0.37
43	2004 / 53	Stephen R. Riddle, Jr.	1540 / 231	0.25
44	2004 / 63.1	Stephen R. Riddle, Jr., et al	F120 / 123	0.64
45	466 / 1.1	Russell & Alayca Jenkins	1600 / 117	0.94
46	466 / 1	Worthey E. & Connie S. Poe	1240 / 388	25.16
47	466 / 20	Worthey E. & Connie S. Poe	1240 / 388	49.24
48	2004 / 101	Deanna M. Ferrell	1247 / 108	1.44
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51	2004 / 56	Ronald L. & Linda K. Brown	1364 / 462	0.34
52	2004 / 47	Helen Dawn Warner	W141 / 55	0.30
53	2004 / 37	Larry L. Jarrett, et al	1501 / 1343	0.64
54	466 / 6.1	John R. Freeman	--- / ---	1 Lot
55	2004 / 1	David Bowyer	1452 / 338	0.25
56	2004 / 3	Lillian Gillispie, et al	1370 / 861	1 Lot
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63	2004 / 28	Dolores J. Balzano, et al	1584 / 540	1.08
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FILE NO: 296-36-G-18
DRAWING NO: 1207 S-12H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV



DATE: September 30 2019
OPERATOR'S WELL NO. 1207 S-12H
API WELL NO
47 - 033 - 05977
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 QUADRANGLE: West Milford
DISTRICT: Grant COUNTY: Harrison
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ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00
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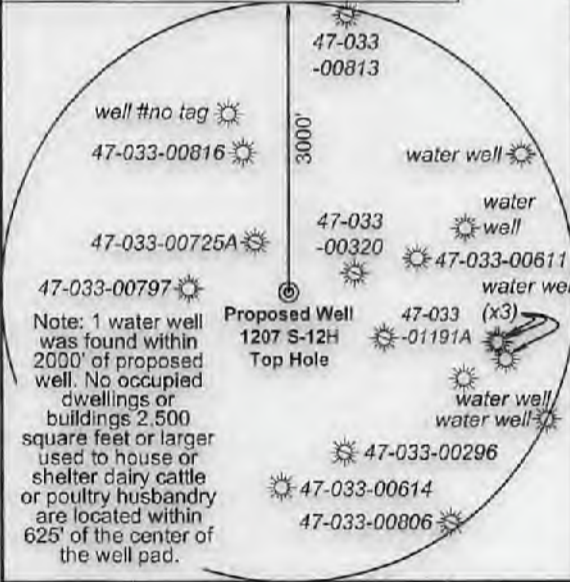
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



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

- Legend**
- Proposed gas well
 - ⊕ Well Reference, as noted
 - ⊗ Monument, as noted
 - ☀ Existing Well, as noted
 - ☀ Existing Plugged Well, as noted
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STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

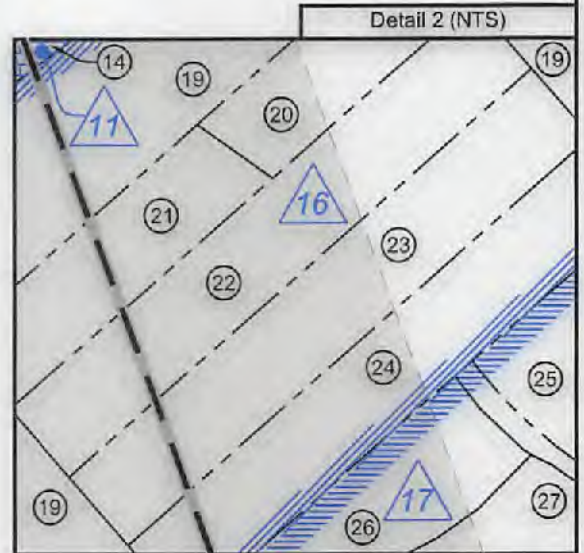
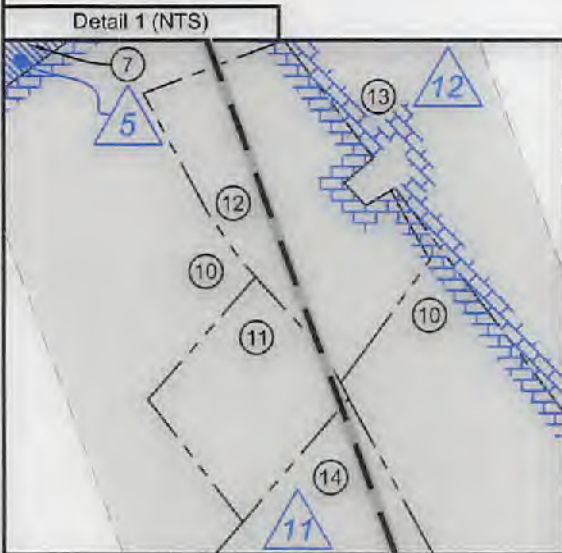
DATE: September 30 20 19
OPERATOR'S WELL NO. 1207 S-12H
API WELL NO
47 - 033 - 05177
STATE COUNTY PERMIT

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
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 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,626' 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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13,149' to Bottom Hole



FILE NO: 296-36-G-18
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Submeter
PROVEN SOURCE OF ELEVATION:
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STATE OF WEST VIRGINIA
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ACREAGE: 89.07

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LEASE NO:

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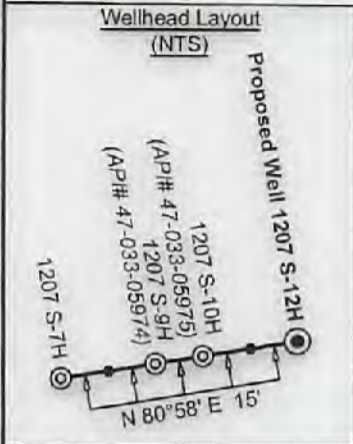
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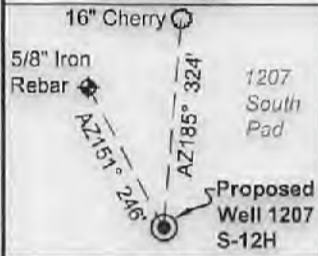
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ADDRESS: 5260 Dupont Road
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Parkersburg, WV 26101



Well Location References
Not to Scale



No.	TM / Par	Parcel Owner	Bk / Pg	Ac.
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N5	A.C. Thrash, et al

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

LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford
DISTRICT: Grant COUNTY: Harrison
SURFACE OWNER: HG Energy II Appalachia, LLC 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) LP & BH MOD 7,145' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 16,626' 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