

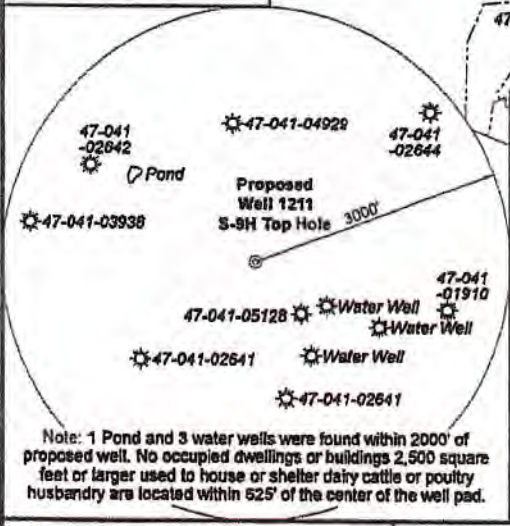
**HG Energy II  
Appalachia, LLC  
Well No. 1211 S-9H**

Page 1 of 4

Tag	Bearing	Dist.
L1	S 76°05' W	2,942.0'
L2	N 76°02' W	2,323.4'
L3	N 29°20' W	2,050.2'
L4	N 47°34' E	1,192.0'
L5	S 81°20' E	567.4'

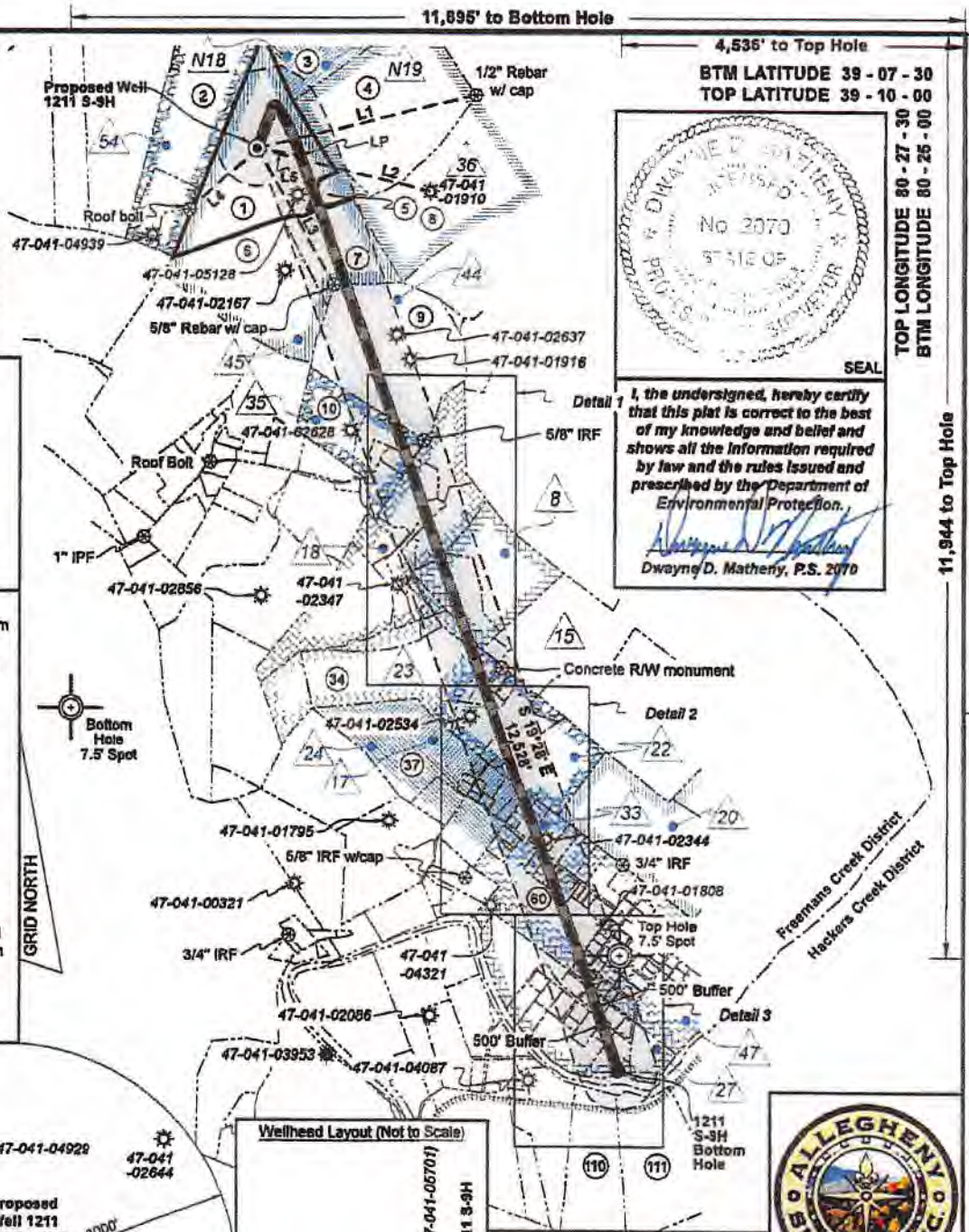
**Notes:**  
Well No. 1211 S-9H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,211,827.45'  
E: 1,789,527.12'  
Landing Point Coordinates  
N: 14,211,741.88'  
E: 1,790,088.08'  
Bottom Hole Coordinates  
N: 14,199,934.62'  
E: 1,794,260.35'

**Notes:** Well No. 1211 S-9H  
West Virginia Coordinate System  
of 1927, North Zone  
based upon Differential GPS  
Measurements.  
Top Hole coordinates  
Latitude: 39°08'01.81"  
Longitude: 80°28'27.59"  
Bottom Hole coordinates  
Latitude: 39°06'04.04"  
Longitude: 80°27'28.40"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates  
N: 4,331,773.670m  
E: 545,448.957m  
Bottom Hole Coordinates  
N: 4,328,148.727m  
E: 546,891.850m  
Plat orientation and corner and  
well references are based upon  
the grid north meridian.  
Well location references are  
based upon the magnetic  
meridian.



**Legend**

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- Creek or Drain
- Existing Road
- Railroad Tracks



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. Matherly*  
Dwayne D. Matherly, P.S. 2070



TOP LONGITUDE 80 - 27 - 30  
BTM LONGITUDE 80 - 25 - 00

11,895' to Bottom Hole  
4,536' to Top Hole  
11,944' to Top Hole  
8,893' to Bottom Hole

FILE NO: 79-36-12-U-F-18  
DRAWING NO: 1211 S-9H 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 13 20 19  
OPERATOR'S WELL NO. 1211 S-9H  
API WELL NO  
47 - 041 - 05706  
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 E. 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)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,800' TVD  
19,611' MD

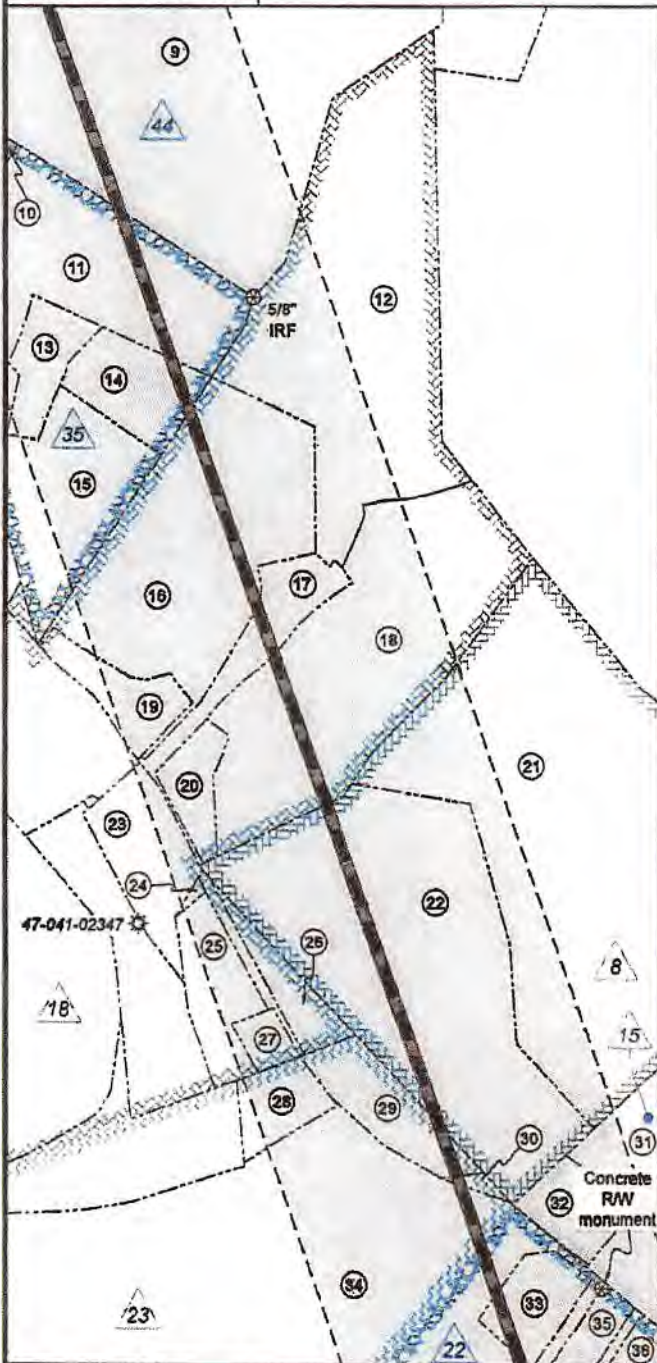
WELL OPERATOR: HG Energy II Appalachia, LLC  
ADDRESS: 5280 Dupont Road  
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White  
ADDRESS: 5280 Dupont Road  
Parkersburg, WV 26101

FEB 03 2020  
Office of Oil and Gas  
WV Department of  
Environmental Protection



Detail 1 - Scale: 1" = 500'

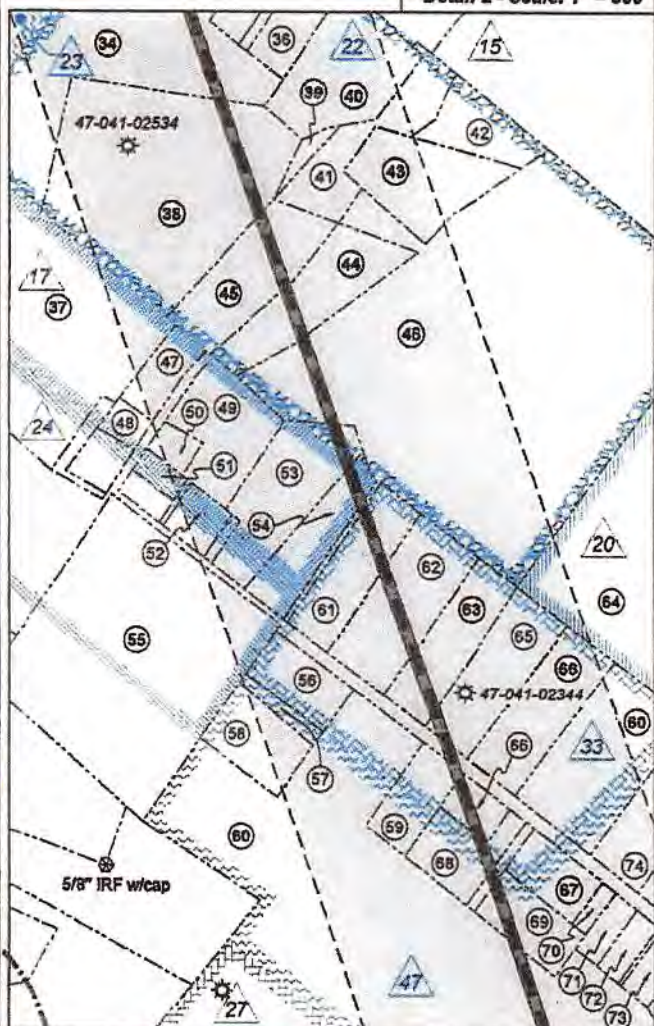


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Environmental Protection

Detail 2 - Scale: 1" = 500'



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DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

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API WELL NO  
47 - 041 - 05706  
STATE COUNTY PERMIT

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 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,800' TVD  
19,811' 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

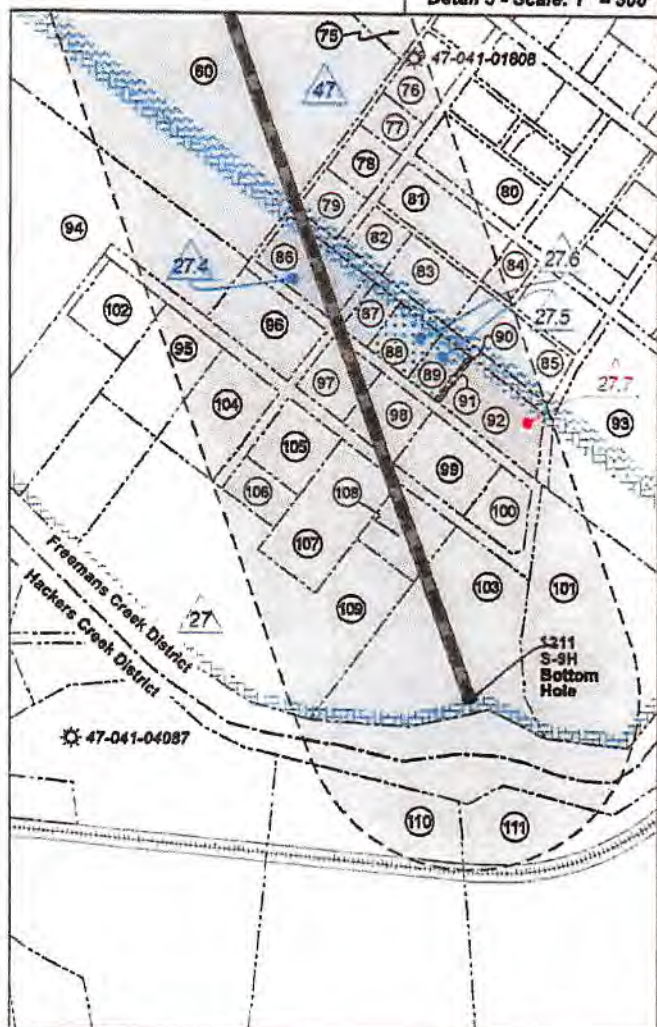


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WV Department of  
Environmental Protection

Detail 3 - Scale: 1" = 500'



ID	Lease
8	T.S. Allman, et al
15	C.W. Smith, et al
17	Maggie Cottrill
18	Cordelia Bailey
20	E.C. Strother, et al
22	C. Burke Morris, et al
23	C. Burke Morris, et al
24	A.B. College Inc
27	E.R. Bennett, et al
27.4	Betty M Paugh
27.5	Willeim C. & Mabie Smarr
27.6	Freddie L. & Betty G. Fox
27.7	UNLEASED
33	H.A. Fletcher, et al
35	Jesse Leeson, et al
36	George W. Nelly, et al
44	T.P. Barb, et al
45	Mary E. Post, et al
47	Minter E. Bailey
54	HG Energy II Appalachia, LLC
N18	Arthur Beaghley & et al
N19	James Beaghley, et al

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

DATE: December 13 20 19  
OPERATOR'S WELL NO. 1211 S-9H  
API WELL NO  
47 - 041 - 05706  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,285.5' WATERSHED: Middle West Fork Creek  
DISTRICT: Freemans Creek

TH - West Milford  
QUADRANGLE: BH - Weston  
COUNTY: Lewis  
ACREAGE: 61.50

SURFACE OWNER: HG Energy II Appalachia, LLC

ROYALTY OWNER: Mary E. 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) \_\_\_\_\_

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,800' TVD 19,611' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

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Parkersburg, WV 26101



No.	TM / Par	Owner	Bk / Pg	Ac.
1	7B / 10	HG Energy II Appalachia, LLC	730 / 677	61.50
2	7B / 9	Brincefield Family Trust	588 / 740	56.76
3	7B / 23	Atlantic Coast Pipeline, LLC	700 / 779	187.89
4	7B / 22	CNX Gas Company, LLC	680 / 266	73.676
5	7B / 10.1	Charles H. & Vanessa D. Brosius	616 / 527	5.00
6	7B / 11	CNX Gas Company, LLC	580 / 266	54.50
7	7B / 13	Melvin B. & Terri D. Woods	672 / 241	25.50
8	7B / 21	John J. Oldaker, Jr.	658 / 56	64.86
9	7B / 14	Kelvin G. & Diana M. Willston	448 / 11	65.00
10	7C / 32	Kelvin G. & Trent M. Willston	673 / 669	16.08
11	7C / 32.4	Lucas O. Himefrick	686 / 409	8.51
12	7C / 34.1	Timothy L. & Leann Kerns	714 / 779	13.36
13	7C / 32.1	Laura Taylor	686 / 582	1.31
14	7C / 32.2	Richard E. Stuffer II	543 / 969	2.07
15	7C / 32.3	Martin T. & Betty A. Queen	544 / 566	4.36
16	7C / 30.1	Russell E. & Catherine F. Kerns	714 / 787	9.46
17	7C / 34	Russell W. & Martha J. Kerns	524 / 462	1.80
18	7C / 34.2	Richard A. & Carolyn M. Hamric	714 / 783	10.89
19	7C / 30.2	Connie Riffe	319 / 386	1.40
20	7C / 30.3	Barbara J. & Herman Watson Jr.	511 / 628	1.08
21	7C / 35	Mary Jane Bailey	W25 / 263	25.09
22	7C / 36	Mary Jane Bailey	W25 / 263	14.00
23	7C / 30.6	Richard A. & Carolyn M. Hamric	386 / 361	2.34
24	7C / 30.9	Richard A. & Carolyn M. Hamric	446 / 209	0.06
25	7C / 30.4	Billy & Penelope A. McCormick	341 / 62	1.89
26	7C / 37	Timothy J. Hicks	680 / 257	1.25
27	7C / 38	Timothy J. Hicks	680 / 257	0.50
28	7C / 27	Stephen R. & Joyce A. Lamb	664 / 152	1.25
29	7C / 39	Miguel A. & Betsy L. Rodriguez	622 / 418	1.96
30	7C / 40	Mary Jane Bailey	W25 / 263	0.12
31	7C / 57.4	Lynwood L. & Donna S. Wolfe	712 / 455	37.89
32	7C / 41	McCanns Run Church	110 / 398	1.13
33	7C / 28.4	Charles D. & Melinda S. Bailey	614 / 321	0.70
34	7C / 26.1	Charles D. & Melinda S. Bailey	653 / 713	42.15
35	7C / 43	Charles D. & Melinda S. Bailey	653 / 713	0.84
36	7C / 44	Beth Ann Dunham	211 / 349	1.16
37	7C / 25	Fred Allan Bailey	452 / 268	32.27
38	7C / 46	Charles D. & Melinda S. Bailey	653 / 713	7.30
39	7C / 47	Michael D. & Patricia L. Goodwin	461 / 551	0.25
40	7C / 45	Stephen D. & Kathleen G. Lemon	571 / 293	2.50
41	7C / 58	Michael D. & Patricia L. Goodwin	461 / 551	1.98
42	7C / 54.1	Michael D. & Patricia L. Goodwin	536 / 524	1.58
43	7C / 56.1	Michael D. Goodwin, Jr.	539 / 515	2.00
44	7C / 55	Michael D. & Patricia L. Goodwin	461 / 551	1.75
45	7C / 48	Michael D. & Patricia L. Goodwin	461 / 551	2.00
46	7C / 54	Joshua V. & Marsha T. Garton	685 / 309	20.29
47	7C / 49	Randal Lynn McVay	670 / 604	0.60
48	7C / 50.1	Blaine & Lola Jerden	385 / 327	0.30
49	3 / 1	Timothy & Cheryl Kelley	447 / 138	1.81
50	3 / 1.1	Timothy C. Kelley	697 / 589	0.26
51	3 / 3.1	Robert D. & Dinah S. Bailey	709 / 639	0.26
52	3 / 4	Bobbie Jo & Carie O. Lockhart	850 / 407	0.52
53	3 / 6	Sandra K. & Richard G. Smith II	591 / 485	2.32
54	3 / 2	Sandra K. & Richard G. Smith II	670 / 315	1.32
55	7C / 51	Charlene Sweeney	W18 / 825	9.75
56	3 / 9.1	Barbara L. & John T. Boore	579 / 504	0.99

No.	TM / Par	Owner	Bk / Pg	Ac.
57	3 / 9.4	Waitman Rutherford	580 / 493	0.26
58	3 / 9.2	Waitman Rutherford	353 / 195	1.02
59	7C / 53.2	Timothy W. & Twila Perkins	714 / 287	1.00
60	7C / 53.4	Jeremy & Jenny L. Garton	592 / 605	37.21
61	3 / 8	Sondra A. Granlund	512 / 158	1.64
62	3 / 8.1	Kenneth W. & Savannah D. Catlin	478 / 148	2.36
63	7C / 53.1	Kenneth W. & Savannah D. Catlin	347 / 593	1.70
64	7C / 86.1	Joshua V. & Marsha T. Garton	550 / 523	57.25
65	7C / 53.7	Kenneth W. & Savannah D. Catlin	531 / 764	2.00
66	3 / 11	Brittany Nicole Strother	W3 / 320	0.50
67	3 / 13	Robert L. & Nancy C. Montgomery	585 / 289	0.86
68	3 / 11.1	Sherry Strother & Craig Sturm	654 / 463	1.09
69	3 / 12	Robert L. & Nancy C. Montgomery	369 / 99	1.03
70	3 / 14	Robert L. & Nancy C. Montgomery	585 / 289	0.17
71	3 / 15.1	Barbara A. White	W39 / 37	0.37
72	3 / 15	Barbara A. White	W39 / 37	0.63
73	7C / 53.3	James R. & Joycelyn A. Riffe	544 / 318	4.46
74	7C / 53.11	Jeremy & Jenny Garton	691 / 768	2.00
75	7C / 53	Julianne Garton	587 / 342	1.58
76	1 / 4	Frank & Lillie Swisher	550 / 617	0.77
77	1 / 5	Carol Lee Swisher	367 / 565	0.29
78	1 / 6	Betty M. Paugh	304 / 404	0.56
79	1 / 7	Betty M. Paugh	304 / 404	0.54
80	1 / 15	Dawn Snyder Posey	720 / 879	1.26
81	1 / 13	Dawn Snyder Posey	556 / 416	1.31
82	1 / 12	Betty M. Paugh	304 / 404	0.47
83	1 / 11	Benjamin M. Smith	697 / 245	0.85
84	1 / 14	Dawn Snyder Posey	720 / 879	0.34
85	1 / 10	Roberta R. Lamb	642 / 262	3.57
86	1 / 8	Betty M. Paugh	304 / 404	1.08
87	1 / 9	Betty M. Paugh	304 / 404	0.55
88	1 / 9.2	Betty G. & Freddie L. Fox, Sr.	702 / 171	0.57
89	1 / 9.1	William C. & Mable A. Smarr	--- / ---	0.38
90	1 / 9.3	William C. & Mable A. Smarr	--- / ---	0.03
91	1 / 90.1	David G. & Eileen F. Sellers	548 / 325	0.03
92	1 / 50	David G. & Eileen F. Sellers	530 / 436	1.19
93	1 / 74	Joshua V. & Marsha T. Garton	262 / 821	16.92
94	7C / 52.7	Jeremy R. & Jennifer L. Garton	549 / 377	14.03
95	7C / 52.13	Joseph A. & Malissa McWhorter Miller	584 / 422	1.58
96	7C / 62.8	Joseph & Beverly Butcher	550 / 324	1.29
97	7D / 57	Erin B. & William M. Hunt, II	--- / ---	0.74
98	7D / 55	Erin B. & William M. Hunt, II	--- / ---	0.81
99	7D / 52	Erin B. & William M. Hunt, II	--- / ---	1.09
100	7D / 48	Mary E. Rittenhouse	--- / ---	0.69
101	7D / 46	Ericka & Ricky D. Bailey, II, et al	--- / ---	6.12
102	7C / 52.6	Jeremy R. & Jennifer L. Garton	588 / 136	1.00
103	7D / 45	Shirley A. Grewe	--- / ---	5.19
104	7D / 56	Christopher R. & Ginger R. Franklin	--- / ---	1.55
105	7D / 53	Eric T. & Stephanie M. Smith	687 / 79	0.93
106	7D / 49	Eric T. & Stephanie M. Smith	687 / 79	0.53
107	7D / 50	William P. & Amy W. Goldsmith	685 / 391	1.97
108	7D / 47	Steven B. & Valerie E. Corley	688 / 328	1.00
109	7D / 51	William P. & Amy W. Goldsmith	685 / 391	8.89
110	7D / 11	Ricky W. Frame	677 / 723	31.50
111	7D / 22	James Alonzo & Carol Tretz Smith	342 / 89	37.85

FEB 03 2020

FILE NO: 79-36-12-U-F-18  
 DRAWING NO: 1211 S-9H Well Plat  
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 CORS, Bridgeport, WV



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