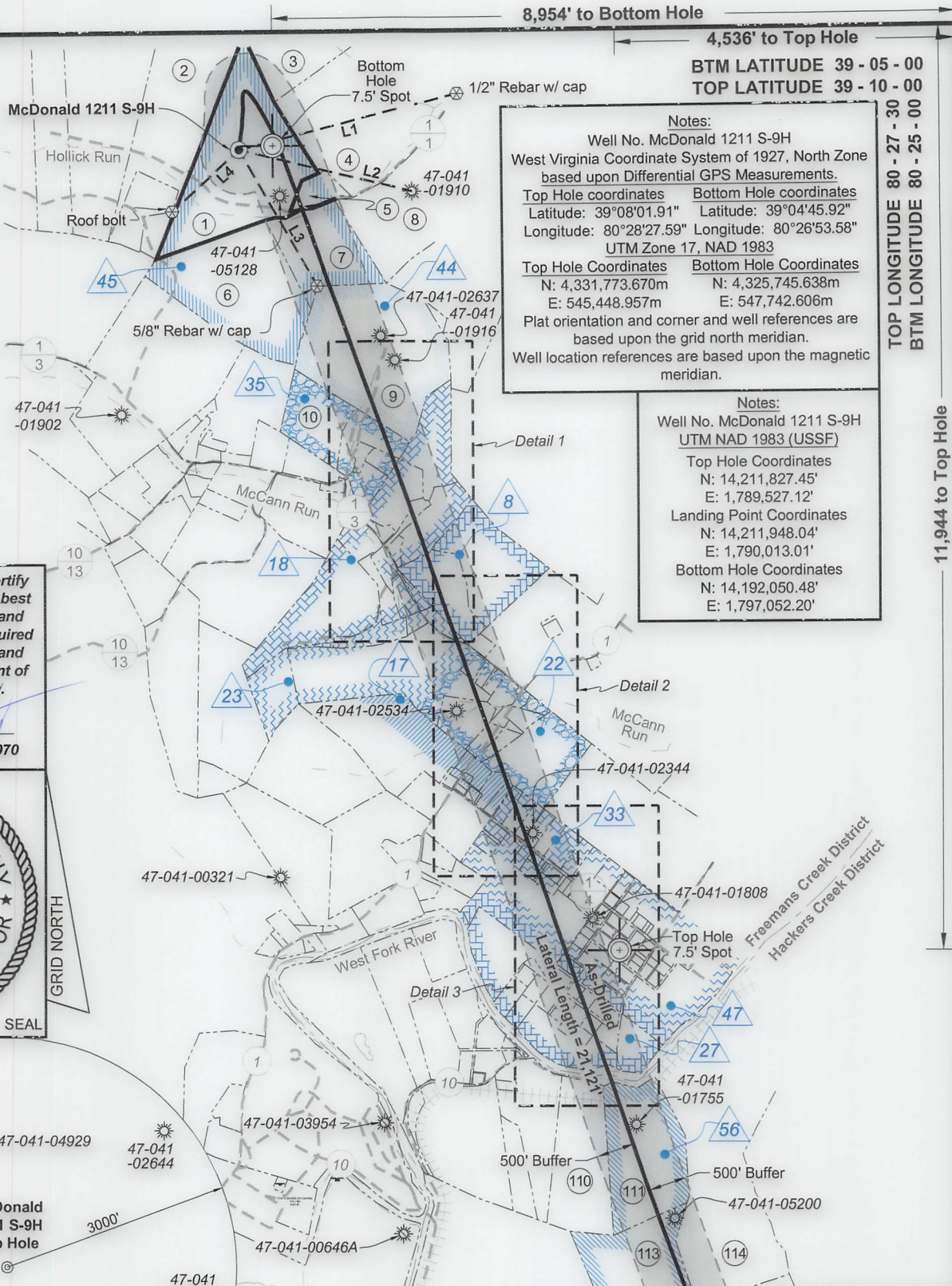


**HG Energy II  
Appalachia, LLC**  
Well No. McDonald  
1211 S-9H As-Drilled



Page 1 of 5

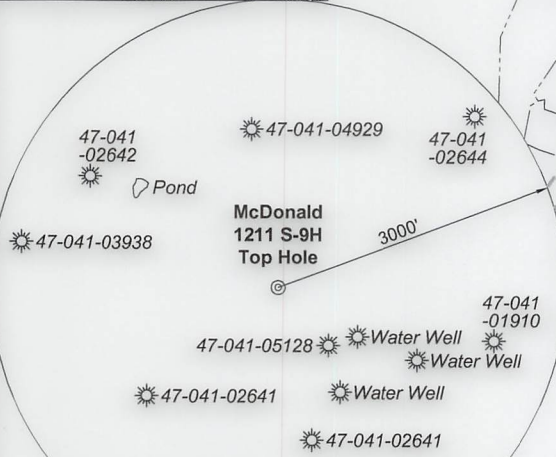
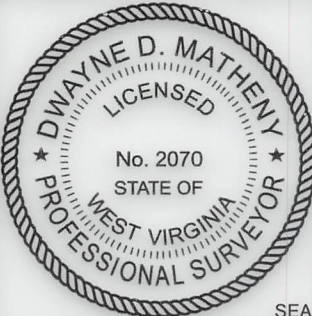


**Notes:**  
Well No. McDonald 1211 S-9H  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°08'01.91" Latitude: 39°04'45.92"  
Longitude: 80°28'27.59" Longitude: 80°26'53.58"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,331,773.670m N: 4,325,745.638m  
E: 545,448.957m E: 547,742.606m  
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. McDonald 1211 S-9H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,211,827.45'  
E: 1,789,527.12'  
Landing Point Coordinates  
N: 14,211,948.04'  
E: 1,790,013.01'  
Bottom Hole Coordinates  
N: 14,192,050.48'  
E: 1,797,052.20'

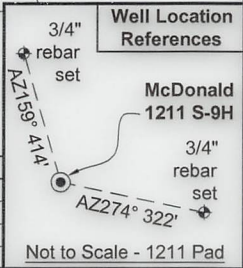
I, the undersigned, hereby certify  
that this plat is correct to the best  
of my knowledge and belief and  
shows all the information required  
by law and the rules issued and  
prescribed by the Department of  
Environmental Protection.

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



Note: 1 Pond and 3 water wells were found within 2000' of proposed well. No occupied dwellings or buildings 2,500 square feet or larger used to house or shelter dairy cattle or poultry husbandry are located within 625' of the center of the well pad.

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'



FILE NO: 79-36-12-U-F-18  
DRAWING NO: McDonald 1211 S-9H As-Drilled  
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 22 2021  
OPERATOR'S WELL NO. McDonald 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: 28,416' 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

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

11,944 to Top Hole

1,424 to Bottom Hole

05/31/2024



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



Page 2 of 5



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	167.89
4	7B / 22	HG Energy II Appalachia, LLC	730 / 677	73.68
5	7B / 10.1	Charles H. & Vanessa D. Brosius	616 / 527	5.00
6	7B / 11	HG Energy II Appalachia, LLC	730 / 677	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. Himelrick	666 / 409	8.51
12	7C / 34.1	Timothy L. & Leann Kerns	714 / 779	13.38
13	7C / 32.1	Brad Hudson	746 / 364	1.31
14	7C / 32.2	Richard E. Stutler II	543 / 369	2.07
15	7C / 32.3	Martin T. & Betty A. Queen	544 / 566	4.36
16	7C / 30.1	Carolyn Hamric	729 / 833	9.46
17	7C / 34	Carolyn Hamric	W49 / 455	1.80

Continued on Page 5

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

Wellhead Layout (Not to Scale)



FILE NO: 79-36-12-U-F-18  
 DRAWING NO: McDonald 1211 S-9H As-Drilled  
 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 22 20 21  
 OPERATOR'S WELL NO. McDonald 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

TH - West Milford  
 QUADRANGLE: BH - Weston  
 COUNTY: Wayne  
 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: 7,046' TVD  
28,416' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

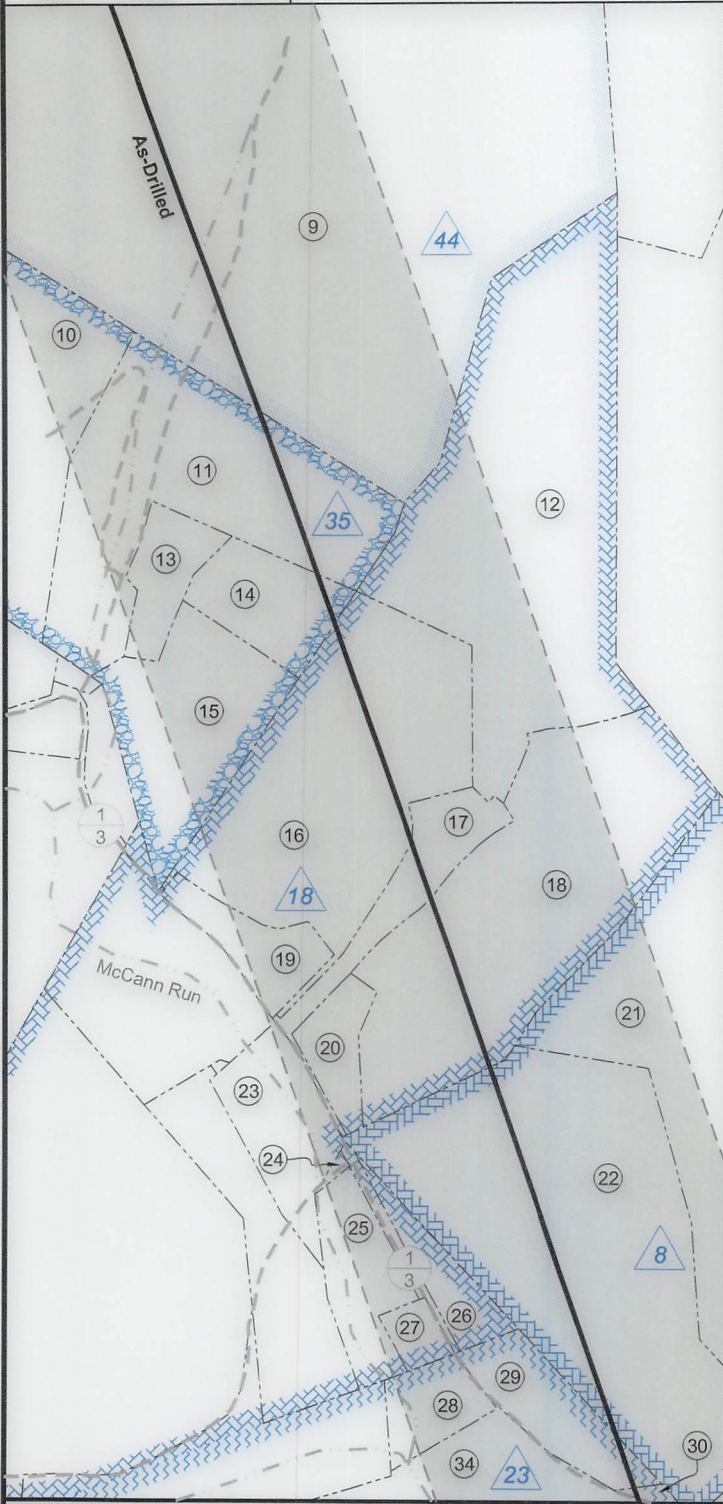
ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101





Detail 1 - Scale: 1" = 500'



ID	Lease
2	Prudence M. O'hara, et al
8	T.S. Allman, et al
17	Maggie Cottrill
18	Cordelia Bailey
21	Dwight L. Rinehart, et ux
22	C. Burke Morris, et al
23	C. Burke Morris, et al
27	E.R. Bennett, et al
27.4	Betty M. Paugh
33	H.A. Fletcher, et al
35	Jesse Leeson, et al
44	Thomas .P. Barb, et al
45	Mary E. Post, et al
47	Minter E. Bailey
56	Mary J. Hayes
58	A.W. Woodford, et al

FILE NO: 79-36-12-U-F-18  
DRAWING NO: McDonald 1211 S-9H As-Drilled  
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 22 2021  
OPERATOR'S WELL NO. McDonald 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

TH - West Milford  
QUADRANGLE: BH - Weston  
COUNTY: Lawrence  
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: 7,046' TVD 28,416' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

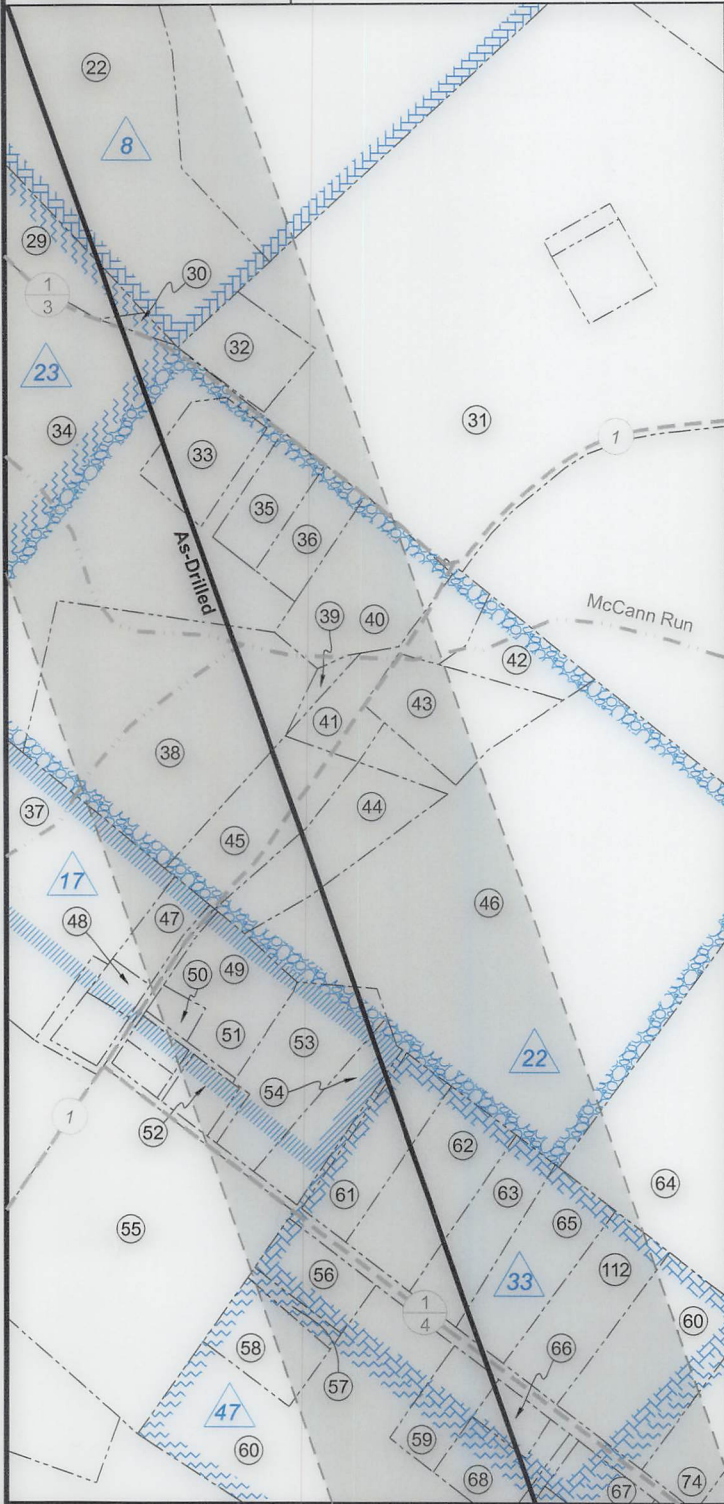
ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

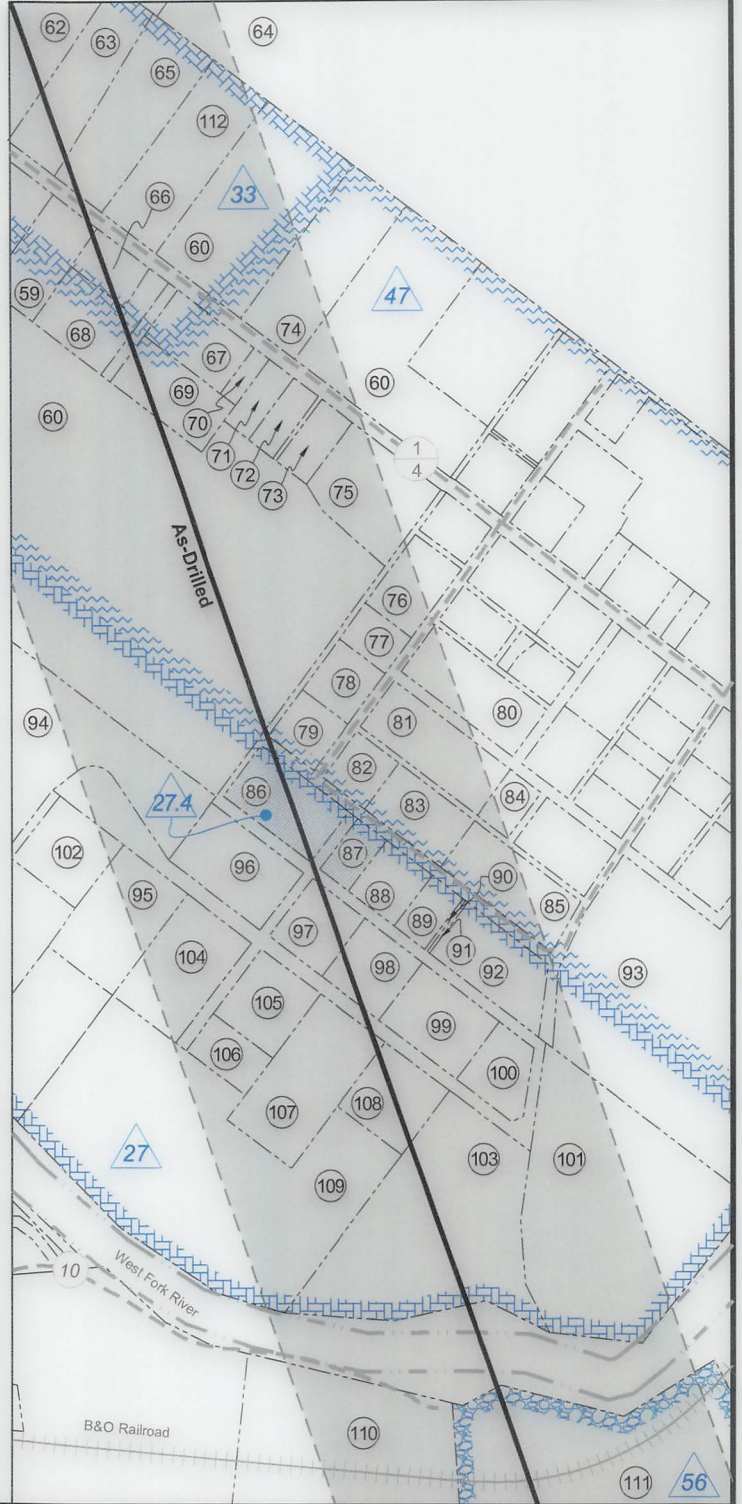




Detail 2 - Scale: 1" = 500'



Detail 3 - Scale: 1" = 500'



FILE NO: 79-36-12-U-F-18  
 DRAWING NO: McDonald 1211 S-9H As-Drilled  
 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 22 20 21  
 OPERATOR'S WELL NO. McDonald 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

TH - West Milford  
 QUADRANGLE: BH - Weston

DISTRICT: Freemans Creek

COUNTY: Putnam

SURFACE OWNER: HG Energy II Appalachia, LLC

ACREAGE: 61.50

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: 28,416' 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

**05/31/2024**





No.	TM / Par	Owner	Bk / Pg	Ac.
18	7C / 34.2	Richard A. & Carolyn M. Hamric	714 / 783	10.89
19	7C / 30.2	Connie Riffle	W45 / 229	1.40
20	7C / 30.3	Barbara J. & Herman Watson Jr.	511 / 626	1.08
21	7C / 35	Mary E. & Robert J. Riffle	751 / 202	25.09
22	7C / 36	Mary E. & Robert J. Riffle	751 / 202	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	Penelope A. McCormick	W19 / 187	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 E. & Robert J. Riffle	725 / 202	0.12
31	7C / 57.4	Lynwood L. & Donna S. Wolfe	712 / 455	37.69
32	7C / 41	McCanns Run Church	110 / 398	1.13
33	7C / 26.4	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	746 / 523	1.16
37	7C / 25	Fred Allen 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. Lemon	571 / 293	2.50
41	7C / 56	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	665 / 309	20.29
47	7C / 49	Randal Lynn McVay	670 / 604	0.80
48	7C / 50.1	Christina N. & Stanley L. Herrod, II	751 / 222	0.30
49	3 / 1	Timothy & Cheryl Kelley	477 / 138	1.81
50	3 / 1.1	Timothy C. Kelley	697 / 589	0.26
51	3 / 3.1	Donna C. Wright, et al	758 / 381	0.26
52	3 / 4	Bobbie Jo & Carie O. Lockhart	650 / 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	Nathan King	720 / 789	9.75
56	3 / 9.1	Barbara L. & John T. Boore	579 / 504	0.99
57	3 / 9.4	Waitman Rutherford	580 / 493	0.26
58	3 / 9.2	Waitman Rutherford	353 / 198	1.02
59	7C / 53.2	Timothy W. & Twila Perkins	714 / 287	1.00
60	7C / 53.4	Jeremy & Jenny L. Garton	532 / 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 / 66.1	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	346 / 416	0.86

No.	TM / Par	Owner	Bk / Pg	Ac.
68	3 / 11.1	Sherry L. Strother & David A. Cosner	736 / 882	1.09
69	3 / 12	Robert L. & Nancy C. Montgomery	369 / 99	1.03
70	3 / 14	Robert L. & Nancy C. Montgomery	346 / 416	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. Riffle	544 / 318	0.46
74	7C / 53.11	Jeremy & Jenny Garton	591 / 768	2.00
75	7C / 53	Julianne Garton	597 / 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	Bruce Paugh, et al	W52 / 429	0.56
79	1 / 7	Bruce Paugh, et al	W52 / 429	0.54
80	1 / 15	Thorn Posey	762 / 647	1.26
81	1 / 13	Dawn Snyder Posey	720 / 879	1.31
82	1 / 12	Bruce Paugh	W52 / 429	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	Sherri Romans	W52 / 429	1.08
87	1 / 9	Bruce Paugh, et al	W52 / 429	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	426 / 13	0.38
90	1 / 9.3	William C. & Mable A. Smarr	--- / ---	0.03
91	1 / 50.1	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	476 / 408	16.92
94	7C / 52.7	Jeremy R. & Jennifer L. Garton	549 / 377	14.03
95	7D / 62	Joseph A. & Malissa McWhorter Miller	584 / 422	1.58
96	7D / 61	Joseph & Beverly Butcher	550 / 324	1.29
97	7D / 57	Erin B. & William M. Hunt, II	628 / 748	0.74
98	7D / 55	Joseph A. & Debra B. Thompson	595 / 70	0.81
99	7D / 52	Erin B. & William M. Hunt, II	621 / 776	1.09
100	7D / 48	Mary E. Rittenhouse	584 / 670	0.69
101	7D / 46	Ericka & Ricky D. Bailey, II, et al	565 / 1	6.12
102	7C / 52.6	Jeremy R. & Jennifer L. Garton	586 / 138	1.00
103	7D / 45	Shirley A. Grewe	522 / 342	5.19
104	7D / 56	Christopher R. & Ginger R. Franklin	640 / 358	1.55
105	7D / 53	Erla T. & Stephanie M. Smith	687 / 79	0.93
106	7D / 49	Erla T. & Stephanie M. Smith	687 / 79	0.53
107	7D / 50	William P. & Amy W. Goldsmith	665 / 391	1.97
108	7D / 47	Steven B. & Valerie E. Corley	668 / 328	1.00
109	7D / 51	William P. & Amy W. Goldsmith	665 / 391	8.89
110	7D / 11	Ricky W. Frame, et al	677 / 723	31.50
111	7D / 22	James Alonzo & Carol Trefz Smith	342 / 89	37.85
112	7C / 53.12	Michael L. & Jennifer N. Oldaker	748 / 450	2.00
113	7D / 10	Tamela B. Smith, et al	452 / 311	40.00
114	7C / 5	John L. & Sue Ann Spiker	549 / 219	135.30
115	7D / 5	WVU Board of Governors	584 / 524	323.00
116	7D / 9.1	Deerfield Country Club Inc.	359 / 409	572.21
117	7E / 30	B. Jean Nicholson	509 / 215	61.17

FILE NO: 79-36-12-U-F-18  
 DRAWING NO: McDonald 1211 S-9H As-Drilled  
 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 22 2021  
 OPERATOR'S WELL NO. McDonald 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 QUADRANGLE: BH - Weston  
 SURFACE OWNER: HG Energy II Appalachia, LLC COUNTY: **05/31/2024**  
 ROYALTY OWNER: Mary E. Post, et al, et al LEASE NO: ACREAGE: 61.50  
 PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_ 7,046' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 28,416' 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