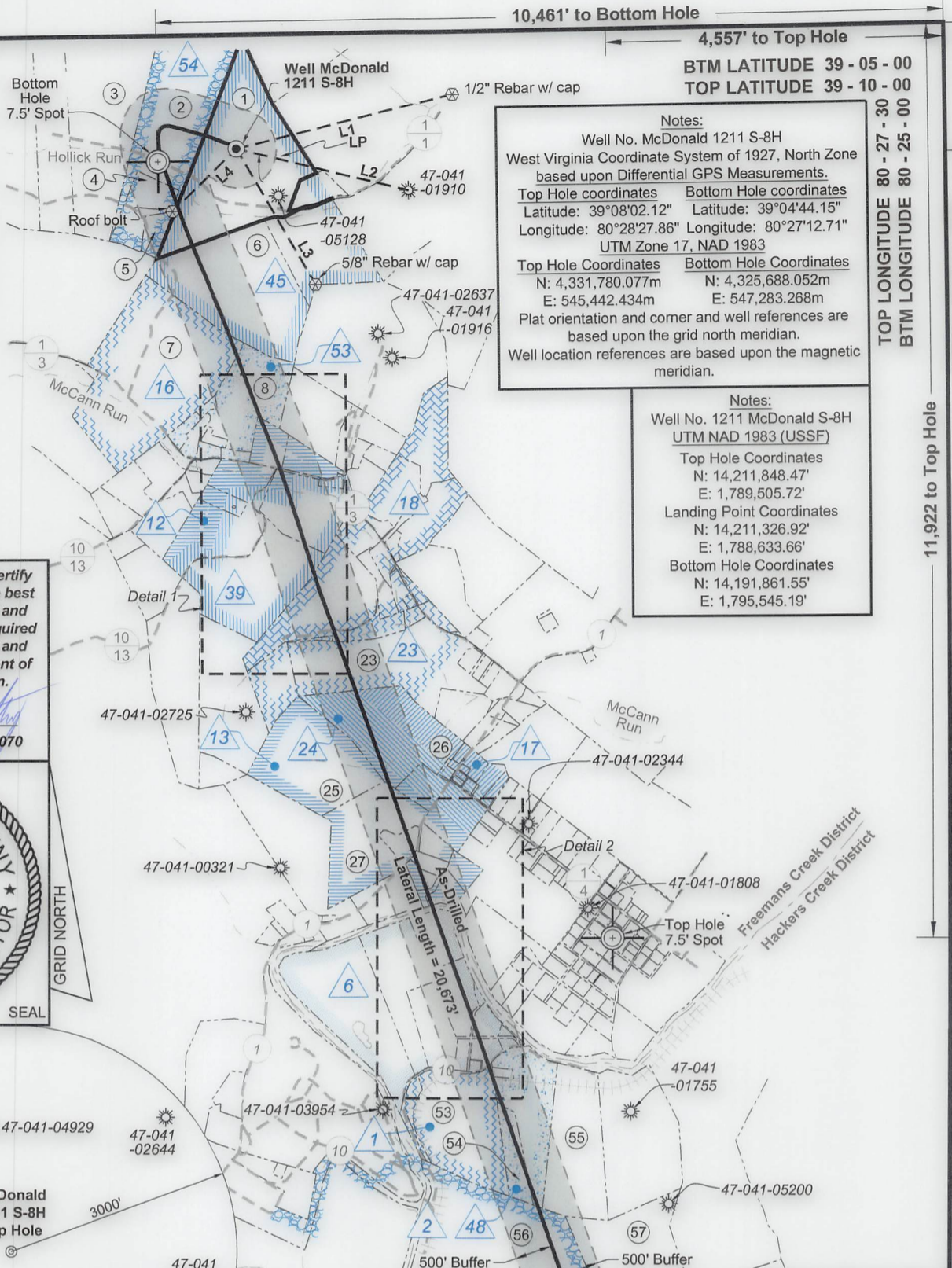


HG Energy II
Appalachia, LLC
Well No. McDonald
1211 S-8H As-Drilled



Page 1 of 4

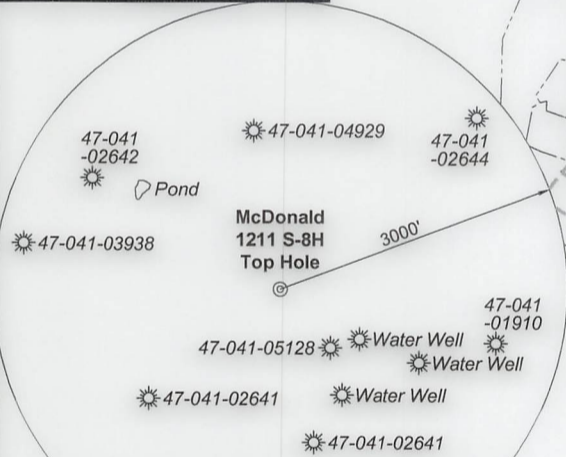
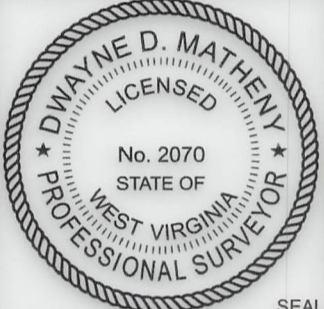


Notes:
Well No. McDonald 1211 S-8H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°08'02.12" Latitude: 39°04'44.15"
Longitude: 80°28'27.86" Longitude: 80°27'12.71"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,331,780.077m N: 4,325,688.052m
E: 545,442.434m E: 547,283.268m
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. 1211 McDonald S-8H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,211,848.47'
E: 1,789,505.72'
Landing Point Coordinates
N: 14,211,326.92'
E: 1,788,633.66'
Bottom Hole Coordinates
N: 14,191,861.55'
E: 1,795,545.19'

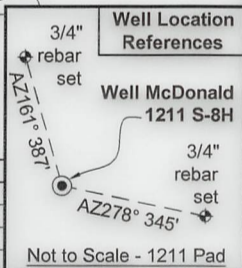
I, the undersigned, hereby certify
that this plat is correct to the best
of my knowledge and belief and
shows all the information required
by law and the rules issued and
prescribed by the Department of
Environmental Protection.

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°34' W	2,957.8'
L2	N 75°40' W	2,349.3'
L3	N 29°34' W	2,079.1'
L4	N 46°08' E	1,190.8'



FILE NO: 79-36-12-U-F-18
DRAWING NO: McDonald 1211 S-8H 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-8H
API WELL NO
47 - 041 - 05705
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: 7,057' TVD 28,120' 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

05/31/2024

HG Energy II
Appalachia, LLC
Well No. McDonald
1211 S-8H As-Drilled



Page 2 of 4



ID	Lease
1	Juliet P. Hayes
2	Prudence M. O'hara, et al
6	Mary E. Clark, et vir
12	G.C. Smith
13	Bertha H. Nay, et al
16	P.C. Allman, et al
17	Maggie Cottrill
18	Cordelia Bailey
23	C. Burke Morris, et al
24	A.B. College Inc.
39	Cyrus W. Smith, et al
45	Mary E. Post, et al
48	David Hays, et al
53	HG Energy II Appalachia, LLC
54	HG Energy II Appalachia, LLC
58	A.W. Woodford, et al

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-8H 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-8H
API WELL NO
47 - 041 - 05705
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: TH - West Milford
SURFACE OWNER: HG Energy II Appalachia, LLC COUNTY: Lewis
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: 28,120' MD 7,057' TVD

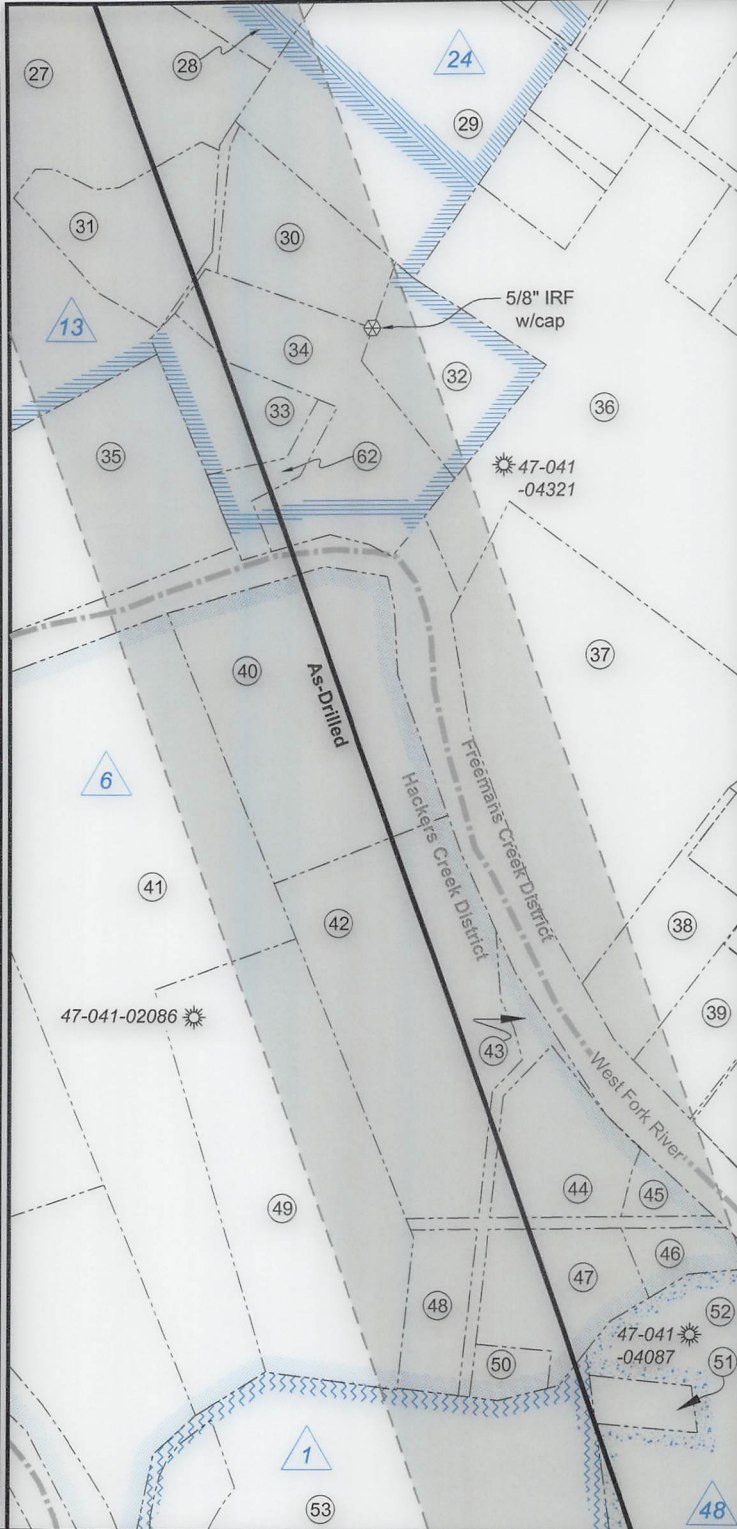
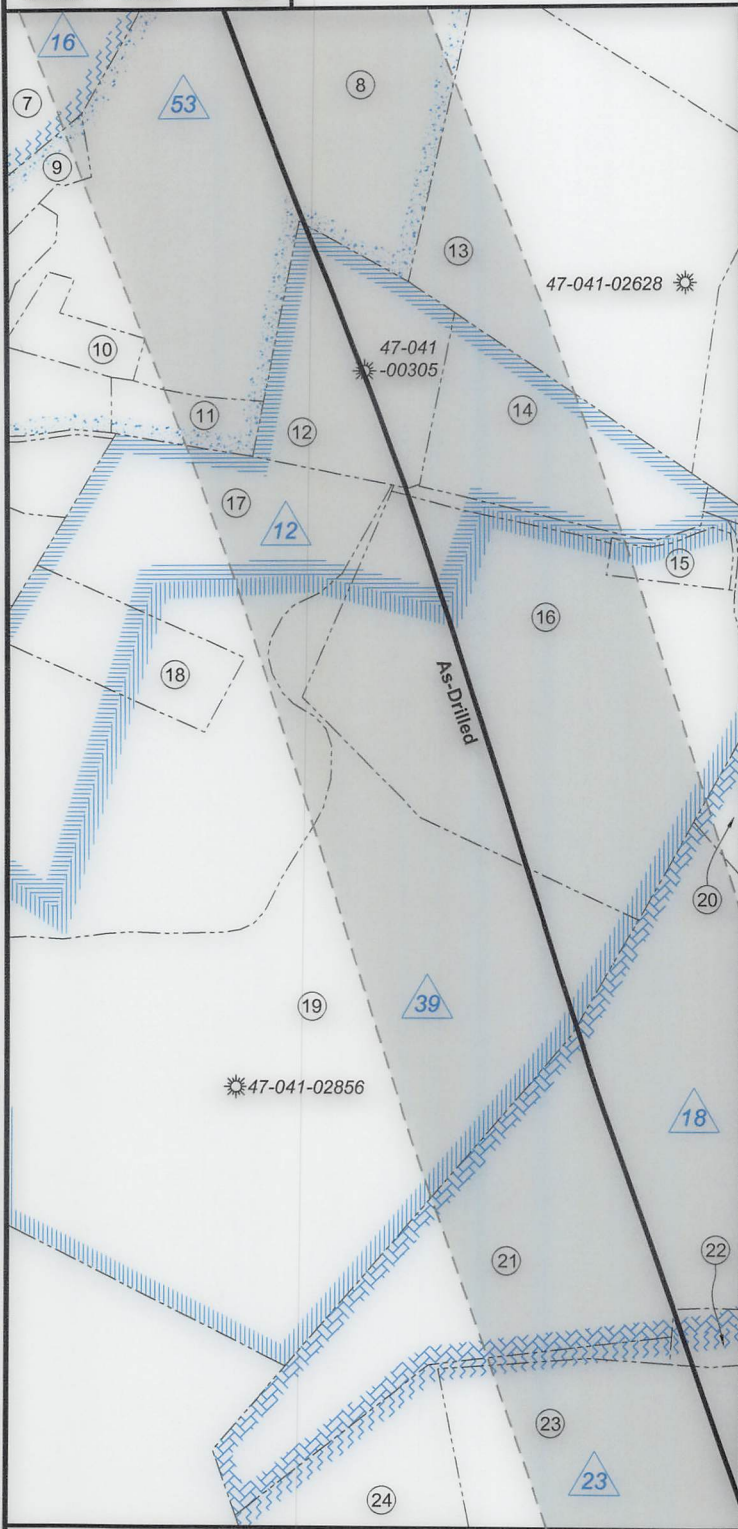
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

05/31/2024



Detail 1 - Scale: 1" = 500'

Detail 2 - Scale: 1" = 500'



FILE NO: 79-36-12-U-F-18
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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 22 20 21
OPERATOR'S WELL NO. McDonald 1211 S-8H
API WELL NO
47 - 041 - 05705
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: **05/31/2024**
COWS

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: 7,057' TVD 28,120' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

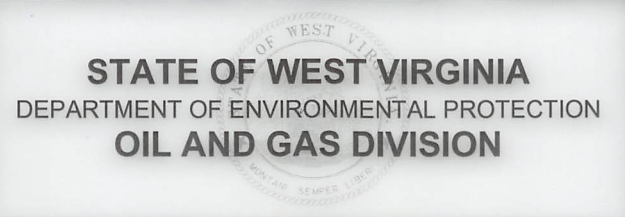
Parkersburg, WV 26101



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	6B / 41	Brincefield Family Trust	588 / 740	71.62
4	6B / 53	Brincefield Family Trust	588 / 740	10.51
5	6B / 52	Frank McDonald	479 / 8	3.73
6	7B / 11	HG Energy II Appalachia LLC	730 / 677	54.50
7	6B / 47	Michael A. & Christine A. Cutlip	648 / 51	71.00
8	7C / 1	Troy D. Wilsoncroft	724 / 241	22.76
9	7C / 1.2	Timothy J. & Tawney A. Wyatt	509 / 18	0.77
10	7C / 1.4	Joyce Lea Williams, et al	638 / 86	1.11
11	7C / 2	Jane E. Horn	F30 / 607	1.19
12	7C / 6	Beverly Ann Beam	W33 / 295	5.66
13	7C / 32	Kelvin G. & Trent M. Williston	673 / 669	16.08
14	7C / 30.5	Timothy E. Beam	537 / 254	5.32
15	7C / 31	Francis C. Smith	488 / 376	0.75
16	7C / 30	Bette Gerath	W20 / 230	19.16
17	7C / 6.3	Clinton C. & Geryln H. Beam	636 / 200	19.33
18	7C / 6.1	Clinton C. & Geryln H. Beam	556 / 174	3.00
19	7C / 6.2	Bette Gerath	W20 / 230	36.15
20	7C / 30.8	Russell E. & Catherine F. Kerns	652 / 128	4.75
21	7C / 29	Betsy L. & Miquel A. Rodriguez	717 / 329	24.43
22	7C / 29.1	Daniel L. Truman	712 / 544	4.82
23	7C / 46	Charles D. & Linda Bailey	653 / 713	42.15
24	7C / 8	Bette Gerath	W20 / 230	20.00
25	7C / 22	Fred Allen Bailey	452 / 268	35.35
26	7C / 25	Fred Allen Bailey	452 / 268	32.27
27	7C / 22.2	Donna J. Williams, et al	F31 / 405	28.69
28	7C / 23	Fred Allen Bailey	452 / 268	6.02
29	7C / 51	Nathan King	720 / 789	9.75
30	7C / 21	Michael S. & Mary Beth Furby	593 / 248	3.00
31	7C / 22.1	Allen B. Jerden	301 / 77	3.35

No.	TM / Par	Owner	Bk / Pg	Ac.
32	7C / 20.1	Daniel R. & Glenna M. Johnston	726 / 830	3.00
33	7C / 20.2	Timothy P. & Glenda R. Weber	603 / 649	2.10
34	7C / 20	Edward W. Holden	726 / 826	5.20
35	7C / 19	Nina R. Chapman, et al	665 / 345	9.11
36	7C / 53.4	Jeremy & Jenny L. Garton	532 / 605	37.21
37	7C / 52.7	Jeremy & Jenny L. Garton	549 / 373	14.03
38	7D / 59	Jeremy & Jenny L. Garton	586 / 138	2.58
39	7D / 54	Joseph & Malissa Miller	584 / 422	1.91
40	7C / 2	James A. & Carol Trefz Smith	343 / 62	9.60
41	7D / 2	Donna M. & Aubrey E. Smith, Jr.	677 / 726	20.25
42	7D / 60	John & Phylis Porterfield	427 / 687	10.00
43	7D / 61	John & Phylis Porterfield	427 / 687	0.46
44	7D / 17	Tyrone D. & Amy B. Campbell	584 / 543	2.73
45	7D / 18	John & Phylis Porterfield	427 / 687	0.58
46	7D / 21	Tyrone D. & Amy B. Campbell	597 / 615	0.67
47	7D / 19	John & Phylis Porterfield	427 / 687	2.50
48	7D / 15	John & Phylis Porterfield	427 / 687	1.57
49	7D / 16	Ricky W. & Kristine L. Frame	670 / 717	10.75
50	7D / 14	John & Phylis Porterfield	427 / 687	0.47
51	7D / 20	James A. & Carol Trefz Smith	343 / 62	0.74
52	7D / 12	James A. & Carol Trefz Smith	343 / 62	28.68
53	7D / 13	Christine G. & Paul R. Myers	657 / 110	33.36
54	7D / 12.1	Randall D. & Leanna M. Louk	575 / 73	7.21
55	7D / 11	Ricky W. Frame	677 / 723	31.50
56	7D / 5	WVU Board of Governors	584 / 524	323.00
57	7D / 10	Shelba J. Smith, et al	W46 / 649	40.00
58	7D / 9.3	Swisher LLC	739 / 833	473.38
59	7E / 29	John K. & Susan D. Butcher, et al	732 / 259	40.97
60	7E / 30	B. Jean Nicholson	509 / 215	61.17
61	7D / 9.1	Deerfield Country Club, Inc.	359 / 409	98.83
62	7C / 20.3	Timothy P. & Glenda R. Weber	726 / 833	0.90

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