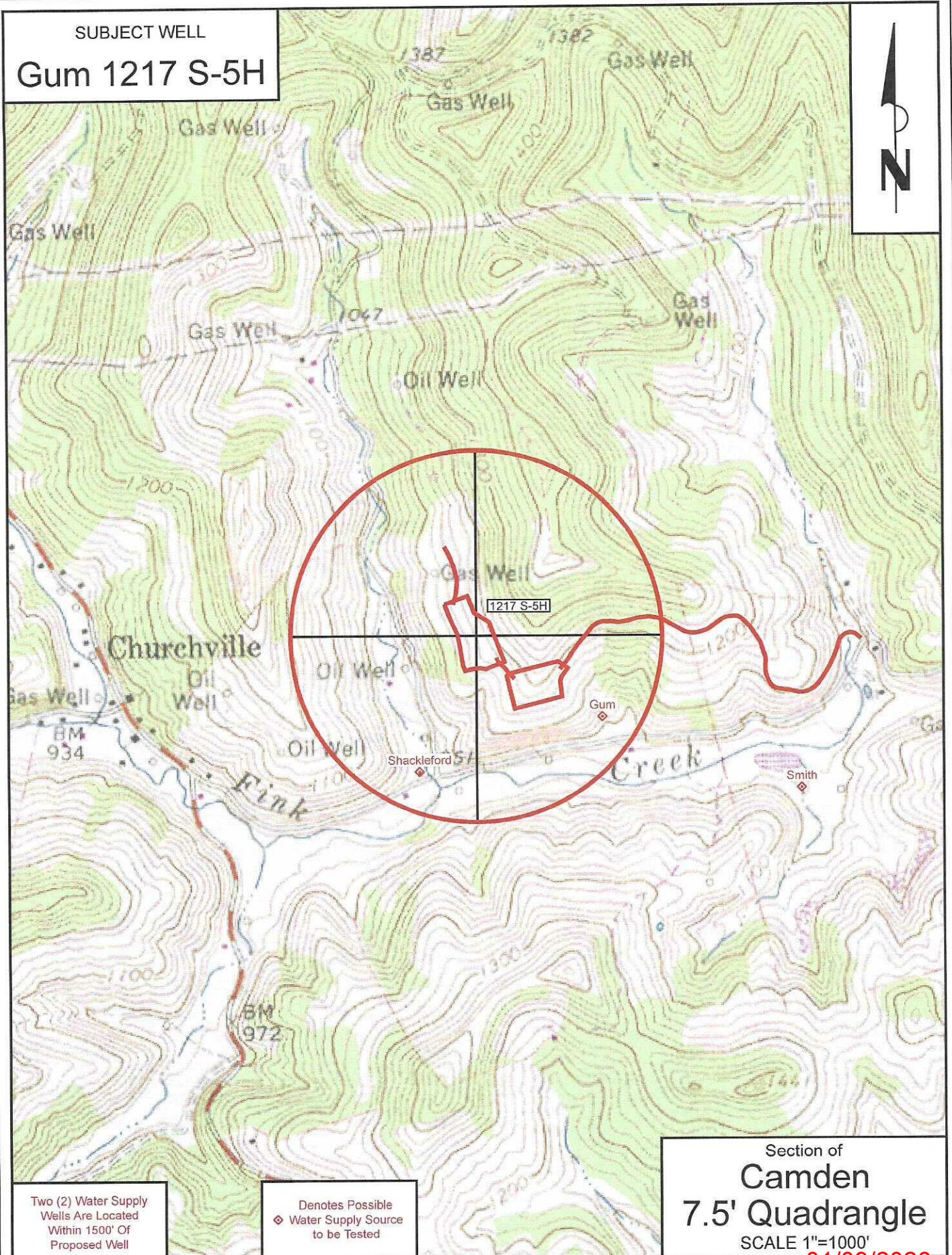
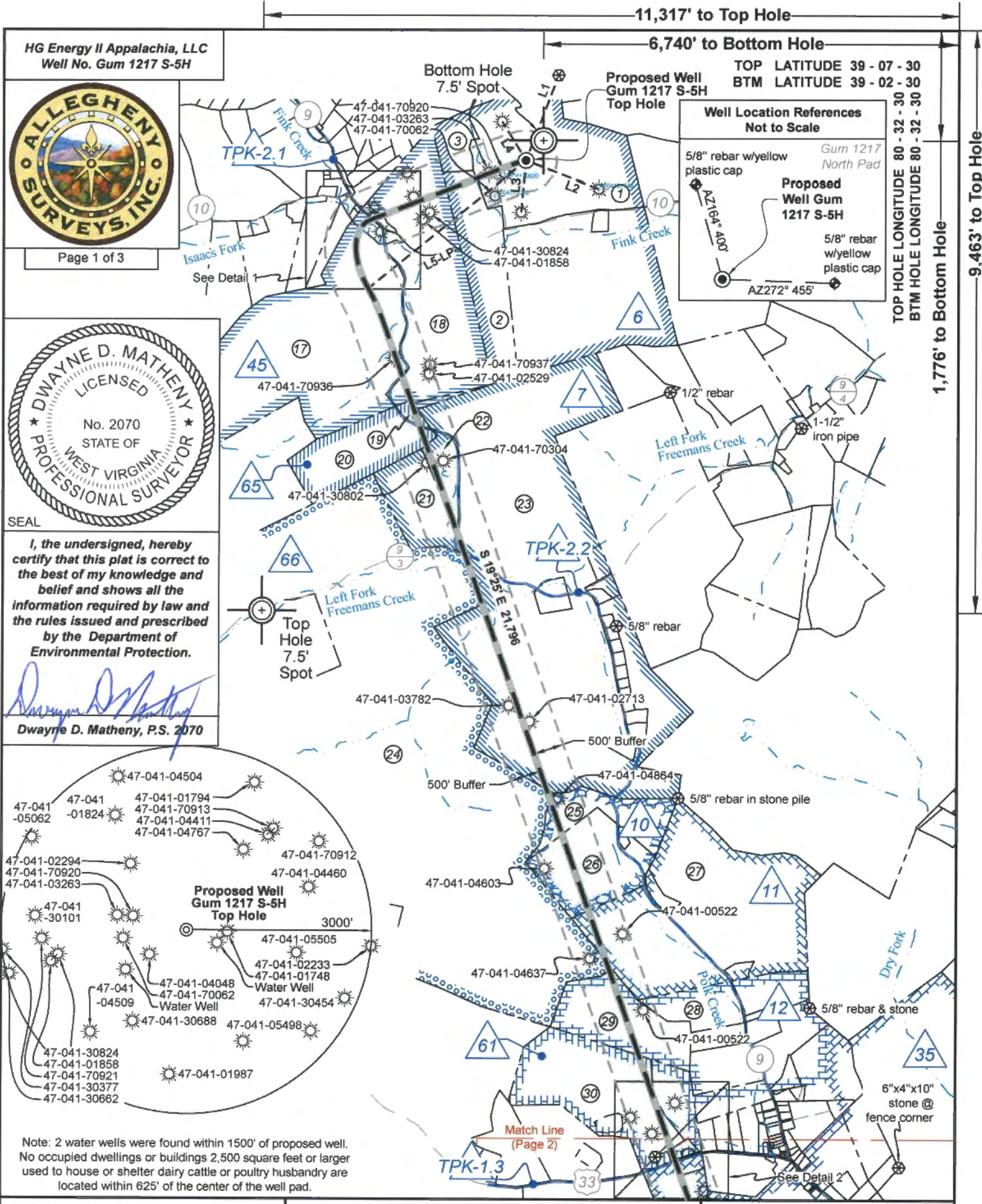


SUBJECT WELL

Gum 1217 S-5H



01/09/2026



HG Energy II Appalachia, LLC
Well No. Gum 1217 S-5H

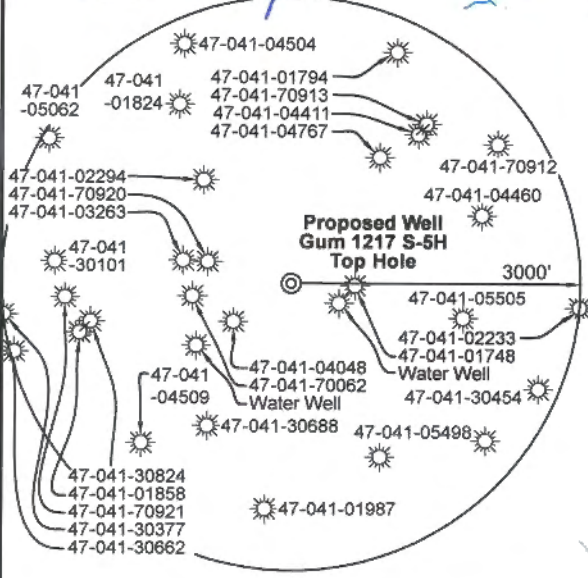
Page 1 of 3

DWAYNE D. MATHENY
LICENSED
No. 2070
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

SEAL

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: 2 water wells were found within 1500' 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.

FILE NO: 100-12-FC-21
DRAWING NO: Gum 1217 S-5H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

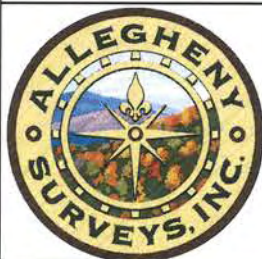
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: December 17 20 25
OPERATOR'S WELL NO. Gum 1217 S-5H
API WELL NO
47 - 041 - 05783
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,162.0' WATERSHED: Fink Creek
DISTRICT: Freemans Creek
SURFACE OWNER: Garnett A. Gum
ROYALTY OWNER: Joseph Gum, et al LEASE NO: ACREAGE: 305.49
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: 6,900' TVD 30,233' 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



Page 2 of 3



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.)

Tag	Bearing	Dist.	Description
L1	S 20°37' W	1,496.7'	4x8x12 planted stone (chisel mark)
L2	N 69°46' W	1,266.8'	47-041-01748
L3	N 05°17' E	842.2'	47-041-04048
L4	S 30°55' E	752.2'	47-041-02294
L5	S 50°45' W	3,295.0'	Landing Point

West Virginia Coordinate
System of 1927, North Zone
based upon Differential GPS
Measurements.

Notes: Well No.
Gum 1217 S-5H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°05'56.43"
Lon: 80°34'53.60"
Landing Point Coordinates
Lat: 39°05'35.93"
Lon: 80°35'26.10"
Bottom Hole Coordinates
Lat: 39°02'12.45"
Lon: 80°33'55.45"

UTM Zone 17, NAD 1983

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.
Gum 1217 S-5H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,198,978.11'
E: 1,759,179.96'
Landing Point Coordinates
N: 14,196,893.72'
E: 1,756,628.09'
Bottom Hole Coordinates
N: 14,176,348.12'
E: 1,763,871.21'

Notes: Well No.
Gum 1217 S-5H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,327,857.184m
E: 536,199.124m
Landing Point Coordinates
N: 4,327,221.860m
E: 535,421.313m
Bottom Hole Coordinates
N: 4,320,959.549m
E: 537,629.020m

FILE NO: 100-12-FC-21

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DISTRICT: Freemans Creek

SURFACE OWNER: Garnett A. Gum

ROYALTY OWNER: Joseph Gum, et al

LEASE NO: ACREAGE: 305.49

QUADRANGLE: Camden

COUNTY: 01/00/2026

ACREAGE: 101.00

PROPOSED WORK: ☒ DRILL ☐ CONVERT ☒ DRILL DEEPER ☐ FRACTURE OR STIMULATE ☐ PLUG OFF OLD FORMATION
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DESIGNATED AGENT: Diane C. White

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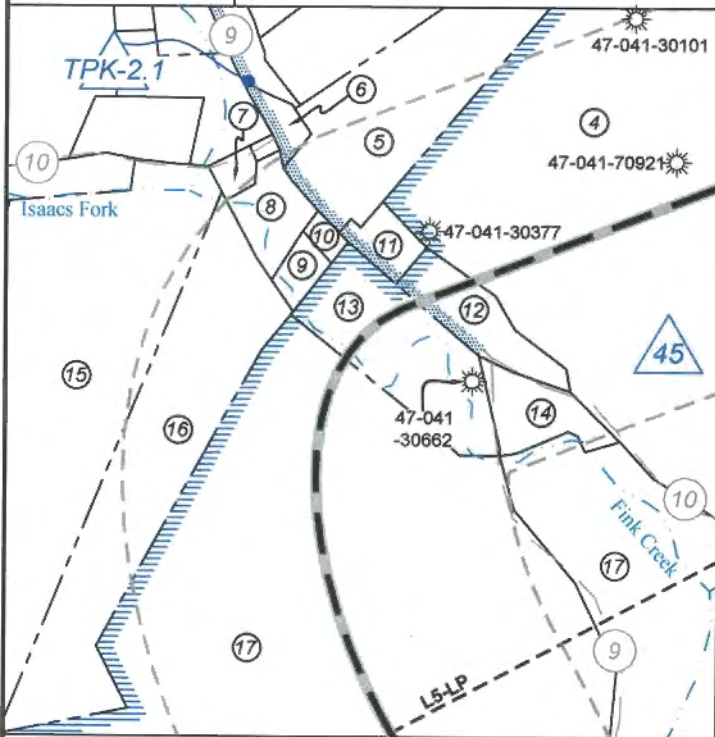
ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

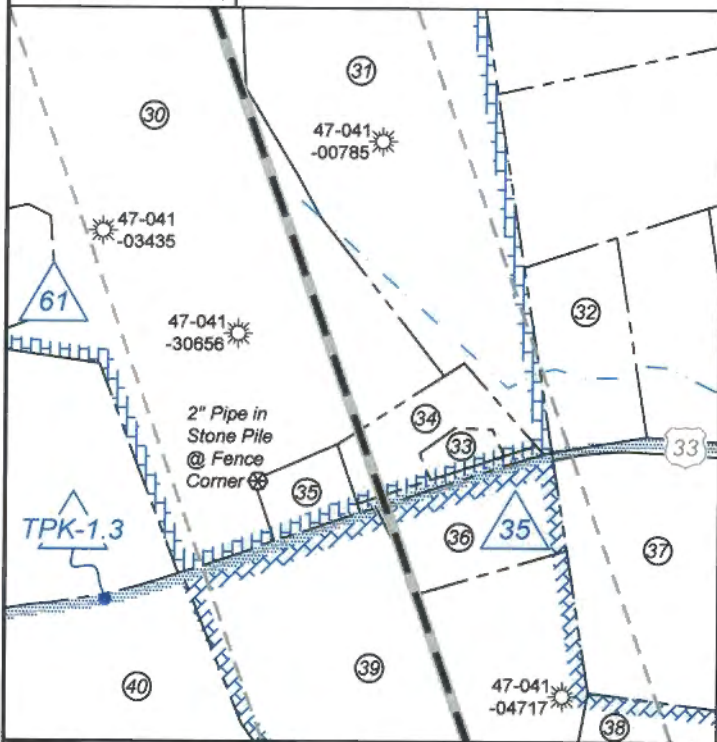
Parkersburg, WV 26101



Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



ID	Lease
6	Joseph Gum & Margaret Gum, his wife, et al
7	A.P. White & E.L. White, his wife
10	Roscoe V. Holden & Pauline Holden, his wife
11	Michael Eachus, single
12	P.E. Fetty & Lummie Fetty, his wife
35	S.D. Camden & Flora Camden
45	Ira P. Simmons & Adaline Simmons, his wife
61	Fred E. Beachy & Daisy D. Beachy, his wife
65	William H. Lively, Jr.
66	A.A. Rohrbough, et ux
69	David A. Cunningham, et al
TPK-1.3	WVDOH
TPK-2.1	WVDOH
TPK-2.2	WVDOH

Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	4D / 43	Garnett A. Gum	W11 / 74	101.00
2	4D / 43.1	Jesse & Amber Shackelford	670 / 280	46.00
3	4D / 43.2	William L. & Martha S. Gum	385 / 534	12.00
4	4D / 41.2	William L. & Martha S. Gum	385 / 538	44.70
5	4D / 36	William L. & Martha S. Gum	371 / 506	5.25
6	4D / 37	Churchville United Methodist Church	- / -	0.34
7	4D / 22	Wilma M. Teague, et al	378 / 279	0.24
8	4D / 23	HG Energy II Appalachia, LLC	812 / 12	1.00
9	4D / 24	Thomas J. Maisey	F30 / 826	0.40
10	4D / 65	Baptist Church of Churchville	440 / 588	0.18
11	4D / 41.1	Churchville Baptist Church	562 / 122	0.54
12	4D / 41	William L. & Martha S. Gum	484 / 181	1.20
13	4D / 25	William L. & Martha S. Gum	484 / 181	2.60
14	4D / 34	William L. & Martha S. Gum	355 / 91	1.10
15	4D / 26	David & Korrene Woofter	444 / 324	14.37
16	4D / 26.2	Sue E. & David M. Woofter, II	767 / 220	7.09
17	4D / 27	John A. Cole	W13 / 628	204.30
18	4D / 33	James D. & Avanell Metzgar	710 / 200	67.20
19	4D / 32.1	Chera Smith	617 / 403	2.55
20	4D / 32.2	John A. & Stachie M. Cole	597 / 617	41.98
21	4D / 30	Samuel L. Garrett	436 / 76	30.00
22	4D / 66	Samuel L. & Kathy J. Garrett	511 / 674	12.32
23	4E / 19	Charles J. Miller	505 / 697	397.73
24	4E / 5.1	Linda Kirby	569 / 810	590.59
25	4E / 23	Diane L. Walker, et al	W23 / 693	31.00
26	4E / 18	Laretta D. Walker, et al	601 / 76	46.75
27	4E / 24	Lee Ann & John A. Cole, Jr.	557 / 595	165.04
28	4E / 16	Daniel C. & Nancy E. Conkling	W20 / 223	19.50
29	4E / 14	John J. & Nancy L. Sargent	629 / 757	45.58
30	4F / 25.1	John J. & Nancy L. Sargent	629 / 757	74.91
31	4F / 25	Dannie J. Gum	536 / 548	15.46
32	4F / 30	Robert L. Pope	681 / 602	2.75
33	4F / 24	Dannie J. Gum	536 / 548	0.42
34	4F / 24.1	Dannie J. Gum	536 / 548	1.90
35	4F / 23	Wahneta Lattea, et al	781 / 768	0.95
36	4F / 22.1	Mark & Katherine White	570 / 631	2.29
37	4F / 34.2	Robert L. Pope	681 / 602	15.82
38	4F / 36	Samuel L. Garrett	502 / 510	132.03
39	4F / 22	David R. Lamb	682 / 175	19.61
40	4F / 21	Bernadette H. Law	W4 / 607	99.00
41	4F / 37	William R. Pratt	W52 / 329	119.00
42	5F / 10.1	Kenneth L. Nicholas, Jr.	606 / 547	27.86
43	4F / 9	Phillip Renzelli, Jr.	510 / 634	293.58
44	4F / 38.2	Charles G. & Veronica S. Cunningham	467 / 625	3.89
45	4F / 38	David A. Cunningham	556 / 586	73.42
46	5F / 10	Catherine J. Nicholas-Farley	606 / 552	27.86
47	4G / 16	David A. Cunningham	556 / 586	47.50

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