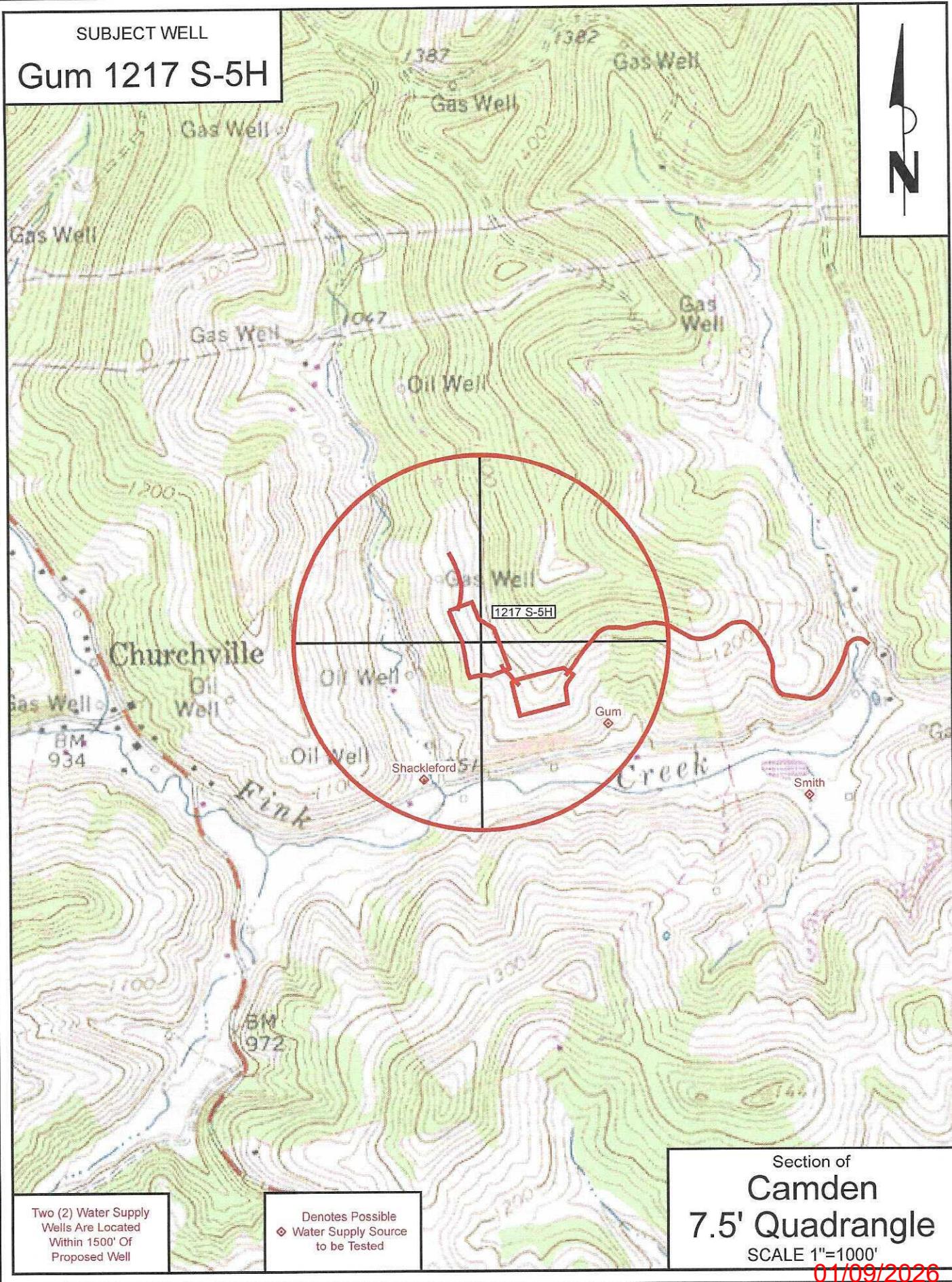
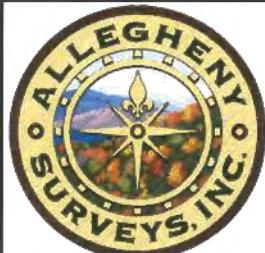


SUBJECT WELL

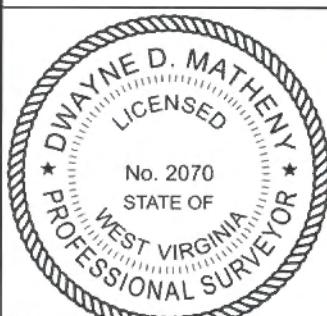
Gum 1217 S-5H

Section of
Camden
7.5' Quadrangle
 SCALE 1"=1000'
 01/09/2026



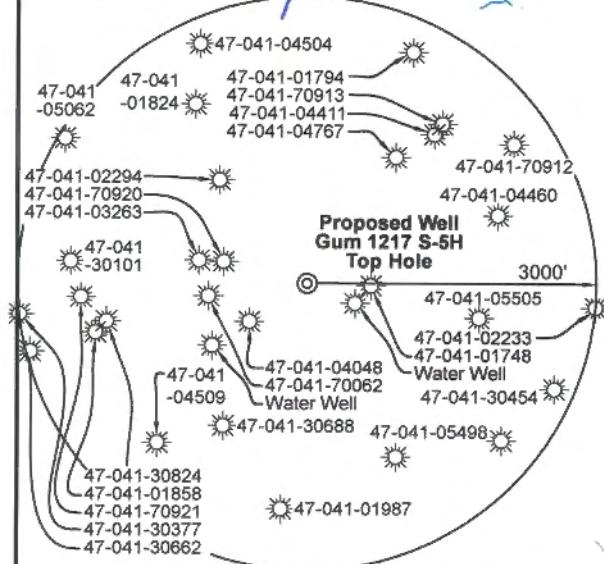
HG Energy II Appalachia, LLC
Well No. Gum 1217 S-5H

Page 1 of 3



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, 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



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

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-second

卷之三十一

WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

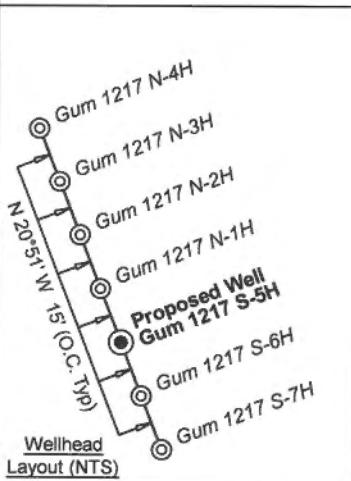
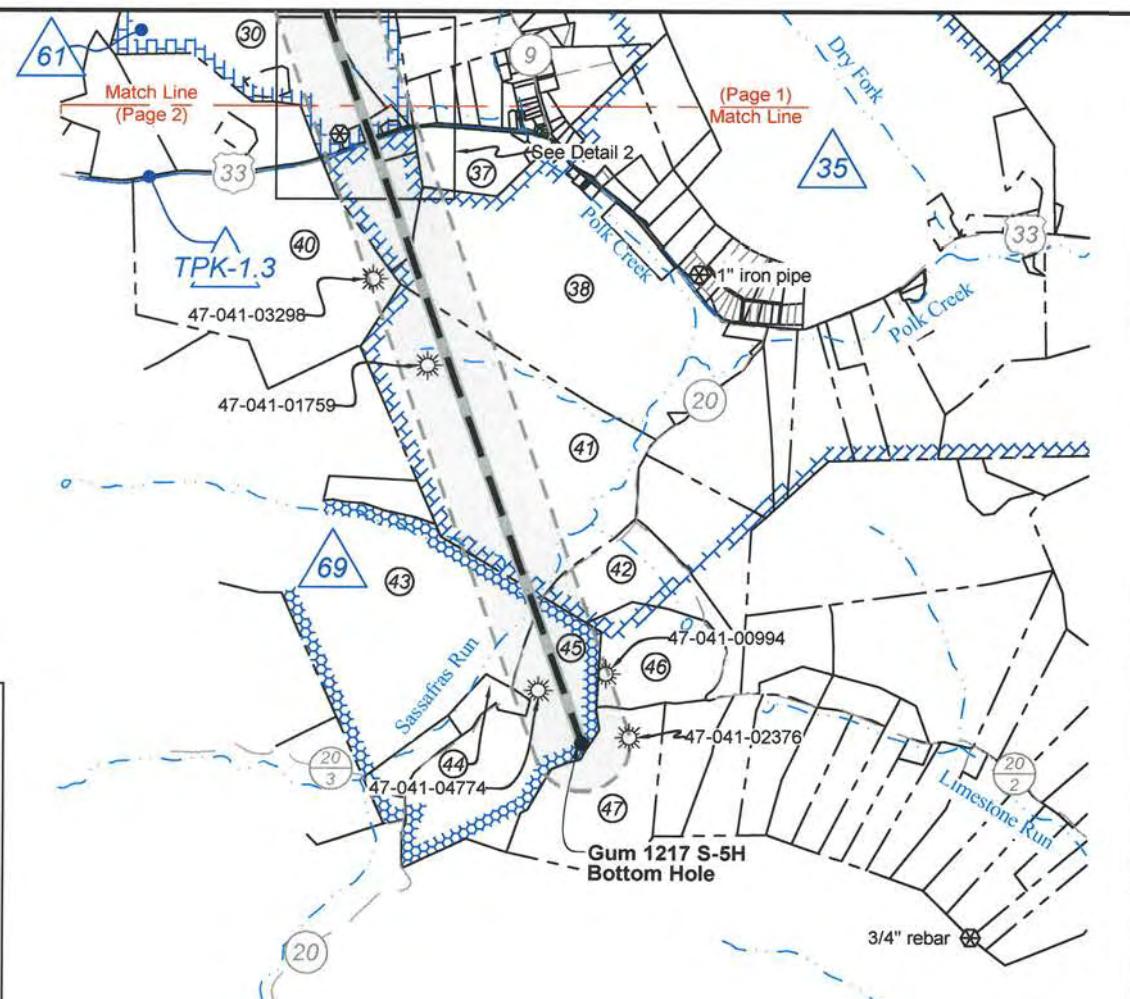
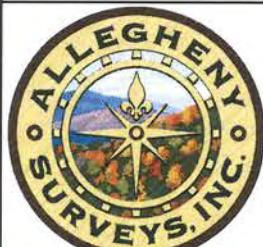
Parkersburg, WV 26101

DESIGNATED AGENT: Diane G. White

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Bedfordshire, MA 01821

Parkersburg, WV 26101



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.)

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

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
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"

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

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

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 2025

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

QUADRANGLE: Camden

DISTRICT: Freemans Creek

COUNTY: 01/00/2026

SURFACE OWNER: Garnett A. Gum

ACREAGE: 101.00

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

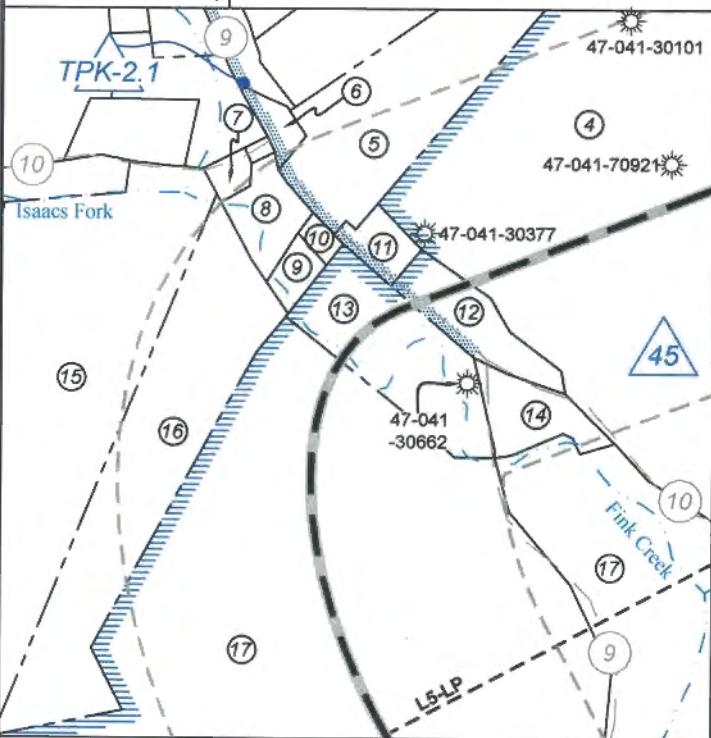
ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

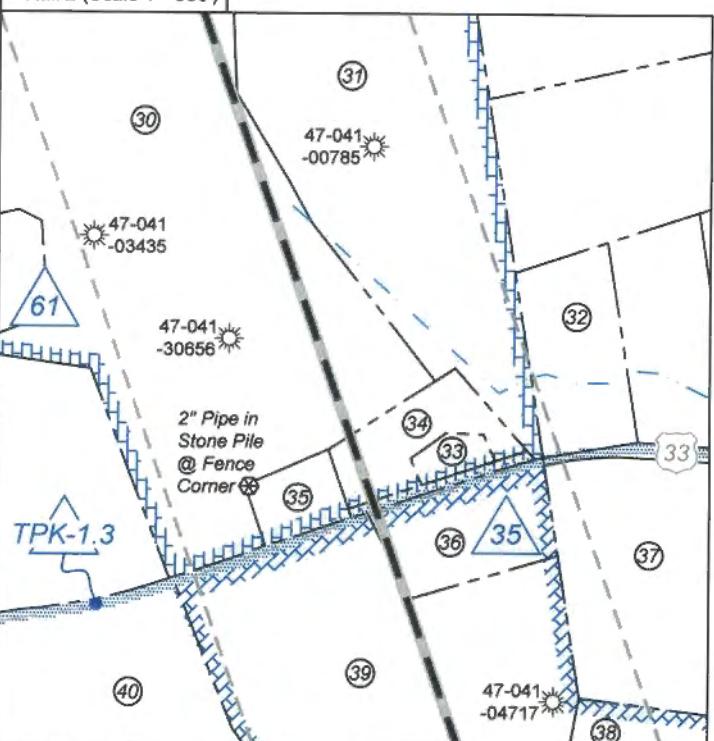
Parkersburg, WV 26101



Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



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 2025

OPERATOR'S WELL NO. Gum 1217 S-5H

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47 - 041 - 05783
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ADDRESS: 5260 Dupont Road

5260 Dupont Road

Parkersburg, WV 26101

Parkersburg, WV 26101

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
1	4D / 43	Garnett A. Gum	W11 / 74
2	4D / 43.1	Jesse & Amber Shackleford	670 / 280
3	4D / 43.2	William L. & Martha S. Gum	385 / 534
4	4D / 41.2	William L. & Martha S. Gum	385 / 538
5	4D / 36	William L. & Martha S. Gum	371 / 506
6	4D / 37	Churchville United Methodist Church	- / -
7	4D / 22	Wilma M. Teague, et al	378 / 279
8	4D / 23	HG Energy II Appalachia, LLC	812 / 12
9	4D / 24	Thomas J. Maisey	F30 / 826
10	4D / 65	Baptist Church of Churchville	440 / 588
11	4D / 41.1	Churchville Baptist Church	562 / 122
12	4D / 41	William L. & Martha S. Gum	484 / 181
13	4D / 25	William L. & Martha S. Gum	484 / 181
14	4D / 34	William L. & Martha S. Gum	355 / 91
15	4D / 26	David & Korrene Woofter	444 / 324
16	4D / 26.2	Sue E. & David M. Woofter, II	767 / 220
17	4D / 27	John A. Cole	W13 / 628
18	4D / 33	James D. & Avanell Metzgar	710 / 200
19	4D / 32.1	Chera Smith	617 / 403
20	4D / 32.2	John A. & Stacie M. Cole	597 / 617
21	4D / 30	Samuel L. Garrett	436 / 76
22	4D / 66	Samuel L. & Kathy J. Garrett	511 / 674
23	4E / 19	Charles J. Miller	505 / 697
24	4E / 5.1	Linda Kirby	569 / 810
25	4E / 23	Diane L. Walker, et al	W23 / 693
26	4E / 18	Laretta D. Walker, et al	601 / 76
27	4E / 24	Lee Ann & John A. Cole, Jr.	557 / 595
28	4E / 16	Daniel C. & Nancy E. Conkling	W20 / 223
29	4E / 14	John J. & Nancy L. Sargent	629 / 757
30	4F / 25.1	John J. & Nancy L. Sargent	629 / 757
31	4F / 25	Dannie J. Gum	536 / 548
32	4F / 30	Robert L. Pope	681 / 602
33	4F / 24	Dannie J. Gum	536 / 548
34	4F / 24.1	Dannie J. Gum	536 / 548
35	4F / 23	Wahneta Lattea, et al	781 / 768
36	4F / 22.1	Mark & Katherine White	570 / 631
37	4F / 34.2	Robert L. Pope	681 / 602
38	4F / 36	Samuel L. Garrett	502 / 510
39	4F / 22	David R. Lamb	682 / 175
40	4F / 21	Bernadette H. Law	W4 / 607
41	4F / 37	William R. Pratt	W52 / 329
42	5F / 10.1	Kenneth L. Nicholas, Jr.	606 / 547
43	4F / 9	Phillip Renzelli, Jr.	510 / 634
44	4F / 38.2	Charles G. & Veronica S. Cunningham	467 / 625
45	4F / 38	David A. Cunningham	556 / 586
46	5F / 10	Catherine J. Nicholas-Farley	606 / 552
47	4G / 16	David A. Cunningham	556 / 586