

Antero Resources Corporation
Well No. Gum 1217 N-2H
BHL-MOD

ALLEGHENY

SURVEYS, INC.

Page 1 of 4

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, P.S. 2070

11,327' to Top Hole

9,971' to Bottom Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

Well Location References
Not to Scale

5/8" rebar w/yellow
plastic cap

Gum 1217
North Pad

Proposed
Well Gum
1217 N-2H

5/8" rebar
w/yellow
plastic cap

AZ165° 37'0"

AZ275° 468'

Stone pile

TOP HOLE LONGITUDE 80 - 32 - 30
BTM HOLE LONGITUDE 80 - 35 - 00

9,435' to Top Hole

3,945' to Bottom Hole

(Page 2)
Match Line

5/8" Rebar

5/8" Rebar (MSES)

Bottom Hole
7.5' Spot

47-041-02599

56" Oak

47-041-00177

3/4" rebar
(Losh #674)

Top Hole
7.5' Spot

47-041-05043

47-041-00179

500' Buffer

47-041-00928

47-041-03263

47-041-03263

Proposed Well
Gum 1217 N-2H
Top Hole

3000'

47-041-01748
Water Well

47-041-04048
Water Well

47-041-70062
Water Well

47-041-02269

47-041-04509

47-041-30688

47-041-01987

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.

See Detail 1

3/4" rebar (Gilbertson)

5/8" rebar

56" Oak

Flat rock on ridge

4x8x12
planted stone
(chisel mark)

47-041-70920

47-041-70062

TPK-2.2

FILE NO: 98-12-FC-26

DRAWING NO: Gum 1217 N-2H 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: May 21 20 26

OPERATOR'S WELL NO. Gum 1217 N-2H

API WELL NO

47 - 041 - 05780

STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,162.0' WATERSHED: Leading Creek

DISTRICT: Freemans Creek

SURFACE OWNER: Garnett A. Gum Trust

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) BHL-MOD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG

TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 33,900' MD

WELL OPERATOR: Antero Resources Corporation

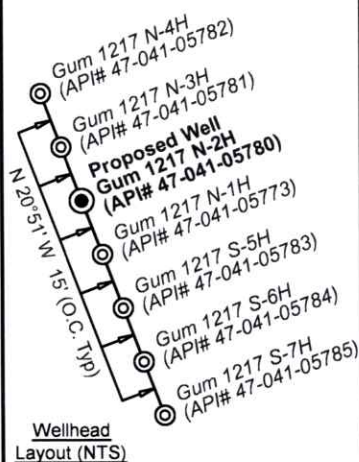
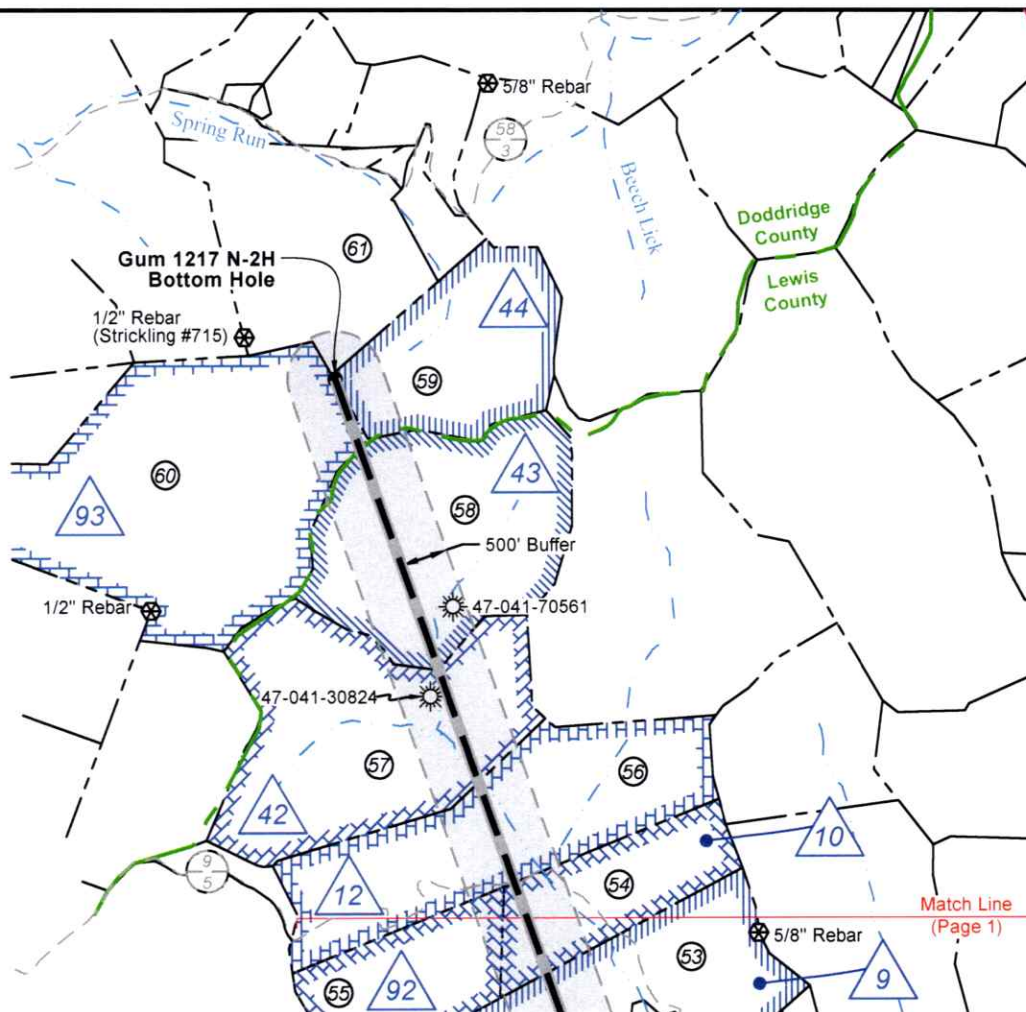
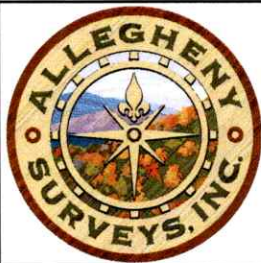
DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street

ADDRESS: 535 White Oaks Blvd.

Denver, CO 80202

Bridgeport, WV 26330



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 21°23' W	1,474.3'	4x8x12 planted stone (chisel mark)
L2	N 67°47' W	1,287.1'	47-041-01748
L3	N 04°25' E	869.2'	47-041-04048
L4	S 31°20' E	722.7'	47-041-02294
L5	S 82°09' W	3,213.7'	Landing Point

Notes:
Well No. Gum 1217 N-2H
UTM Zone 17, NAD 1927
Top Hole Coordinates
N: 14,198,289.77'
E: 1,759,120.83'
Point of Entry Coordinates
N: 14,197,850.60'
E: 1,755,937.27'
Bottom Hole Coordinates
N: 14,218,904.37'
E: 1,748,561.22'

Notes
West Virginia Coordinate System
of 1927, South Zone
based upon Differential GPS Measurements.
Well No. Gum 1217 N-2H Top Hole coordinates are
N: 764,650.87' Latitude: 39°05'56.71"
E: 2,118,757.35' Longitude: 80°34'53.73"
Bottom Hole coordinates are
N: 785,275.62' Latitude: 39°09'21.00"
E: 2,108,194.87' Longitude: 80°37'06.62"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,327,865.727m N: 4,334,148.975m
E: 536,195.872m E: 532,977.181m
Plat orientation and corner and well references
are based upon the grid north meridian.
Well location references are based upon the magnetic
meridian.

FILE NO: 98-12-FC-26

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Submeter

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: May 21 20 26

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DISTRICT: Freemans Creek

SURFACE OWNER: Garnett A. Gum Trust

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) BHL-MOD

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 33,900' MD 7,400' TVD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street

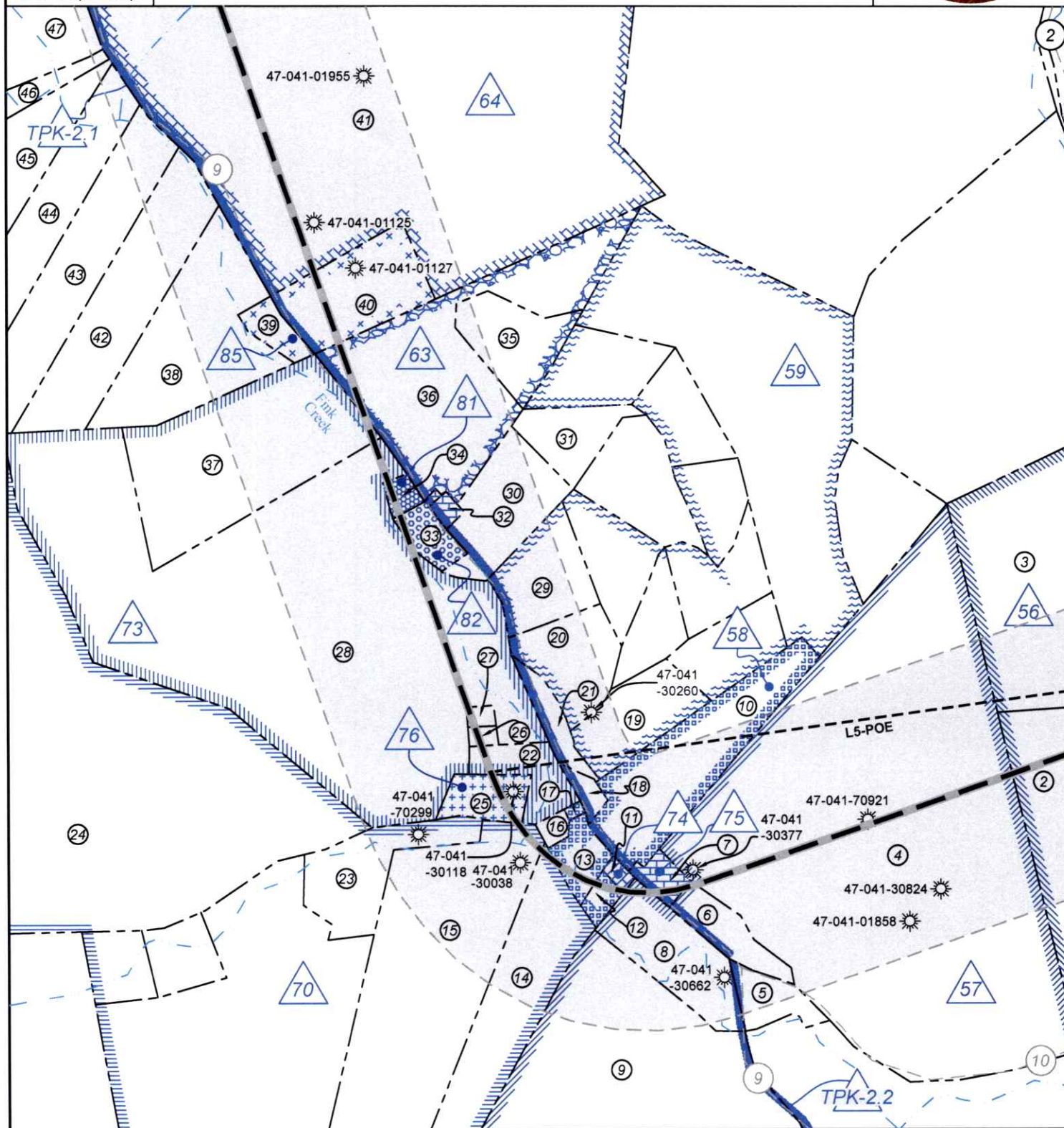
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Denver, CO 80202

Bridgeport, WV 26330



Detail 1 (1"=500')



FILE NO: 98-12-FC-26
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Submeter
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CORS, Bridgeport, WV

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LOCATION: ELEVATION: 1,162.0' WATERSHED: Leading Creek
DISTRICT: Freemans Creek

QUADRANGLE: Camden
COUNTY: 06/19/2026
ACREAGE: 101.00

SURFACE OWNER: Garnett A. Gum Trust
ROYALTY OWNER: Joseph Gum, et al

LEASE NO: ACREAGE: 305.49

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Denver, CO 80202

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Bridgeport, WV 26330



Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	4D / 43	Garnett A. Gum Trust	W25 / 37	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 / 34	William L. & Martha S. Gum	355 / 91	1.10
6	4D / 41	William L. & Martha S. Gum	484 / 181	1.20
7	4D / 41.1	Churchville Baptist Church	562 / 122	0.54
8	4D / 25	William L. & Martha S. Gum	484 / 181	2.60
9	4D / 27	John A. Cole	W13 / 628	204.30
10	4D / 36	William L. & Martha S. Gum	371 / 506	5.25
11	4D / 65	Churchville Baptist Church	440 / 588	0.18
12	4D / 24	Thomas J. Maisey	F30 / 826	0.40
13	4D / 23	Garnet Gas Corp.	631 / 564	1.00
14	4D / 26.2	Sue E. & David M. Woofter, II	767 / 220	7.09
15	4D / 26	David & Korrene Woofter	444 / 324	14.37
16	4D / 22	Wilma M. Teague, et al	378 / 279	0.24
17	4D / 21	William L. & Martha S. Gum	371 / 505	0.07
18	4D / 37	Churchville United Methodist Church	xxx / xxx	0.34
19	4D / 39.5	William A. Hawkins	762 / 848	2.43
20	4D / 40.13	Thomas B. & Deana Lefever	776 / 506	2.47
21	4D / 38	Randell L. White	733 / 772	0.50
22	4D / 10	Sondra D. Hull	600 / 410	1.39
23	4D / 19	Brenda & Barton Foster	776 / 60	3.10
24	4D / 11	Judy B. Beemon, et al	W18 / 312	44.30
25	4D / 20	Janet F. Short (L/E)	699 / 43	1.00
26	4D / 10.3	Bessie J. White	W14 / 143	0.17
27	4D / 10.1	Bessie J. White	W14 / 143	0.17
28	4D / 10.2	Curtis M. Holden	W29 / 280	34.25
29	4D / 40.12	Thomas B. & Deana Lefever	776 / 506	2.48
30	4D / 39	Gregory A. Leiving & Samantha B. Adams	767 / 851	2.76
31	4D / 40.9	Ricky L. Gum	650 / 365	1.67
32	4D / 6	George W. Smith	457 / 215	0.21
33	4D / 7	Anna L. Rowan	763 / 6	0.78
34	4D / 8	Jo Ann Lewis	732 / 17	0.33
35	4D / 5	Ricky L. Gum	457 / 471	2.32
36	4D / 5.1	Anthony S. & Lisa D. Toms	608 / 498	9.46
37	4D / 9	Ernest & Robin Bailey	591 / 582	8.00
38	4D / 3.3	Nelson & Judith Kincaid	732 / 255	6.00
39	4D / 4	Cledith N. & Judith J. Barnes Kincaid	563 / 698	0.54
40	4D / 4.1	Ronal L. Bonnett	627 / 728	3.46
41	4C / 6	Anthony S. & Lisa D. Toms	608 / 498	52.92
42	4D / 3.2	Steve C. & Elizabeth A. Holden	771 / 766	6.00
43	4D / 3.1	Steve C. & Elizabeth A. Holden	771 / 766	6.00
44	4D / 3	Steve C. & Elizabeth A. Holden	771 / 766	6.00
45	4D / 2	Steve C. & Elizabeth A. Holden	771 / 766	10.40
46	4D / 1	Steve C. & Elizabeth A. Holden	771 / 766	42.80
47	4C / 4	Elizabeth Lang & Johnnie D. Brooks	569 / 648	66.50
48	4C / 10	Ricky Barnes, et al	598 / 747	294.98
49	4C / 3	Donna M. Walls	498 / 388	244.00
50	3C / 28	David L. & Kimberly A. Gum	621 / 445	72.21
51	4C / 1	Randell L. White, et al	547 / 421	237.00
52	4B / 4	Allen M. & Diane J. Jerden	571 / 507	262.09
53	3B / 23	Dominion Transmission, Inc.	591 / 761	122.38
54	3B / 22	John H. & Stephanie A. Smith	578 / 434	52.50
55	3B / 19	Joann Lewis	744 / 947	53.63
56	3B / 21	Joseph Fahey, et al	751 / 390	120.00
57	3B / 20	Peter C. McDonald	602 / 223	110.00
58	3A / 1	State of West Virginia, Bureau of Commerce, DNR	531 / 663	103.00
Doddridge Co. (New Milton Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
59	21 / 8	Herbert & Betty Bickford	363 / 488	77.57
60	25 / 2	Patrick D. Boyle	276 / 339	183.40
61	21 / 5	Eleanor R. Nicholson	156 / 390	95.72

ID	Lease
1	W.J. Woofter & Susan Woofter, his wife
2	A.F. Gum & M.L. Gum, his wife
4	Perry C. Gum & Dora Gum, his wife, et al
6	Edward Foley & Ellen A. Foley, his wife, et al
9	Joseph P. Fahey, attorney-in-fact for John J. Fahey, widower, et al
10	Tess C. Joyce, single, et al
12	T.J. Fahey & Mary E. Fahey, his wife
42	Anna Joyce, single, et al
43	Joseph P. Fahey, attorney-in-fact for Martin W. Fahey, widower, et al
44	David L. Nicholson, Jr.
56	Joseph Gum & Margaret Gum, his wife, et al
57	Ira P. Simmons & Adaline Simmons, his wife
58	W.C. Romine, et al
59	Oral C. Fuls, Committee for Jesse A. Chevront, an incompetent person
63	Oral C. Fuls, Committee for Jesse A. Chevront, an incompetent & M.A. Puffenbarger, unmarried
64	Oral C. Fuls, Committee for Jesse A. Chevront, an incompetent person
70	C.C. McCluster & Bessie McCluster, his wife, et al
73	Walter R. Simmons, Jr., single, et al
74	Baptist Church of Churchville, WV
75	Linda Mae Wyatt
76	Lewis Independent Coal Company
81	S.G. Romine & Georgia Romine, his wife, et al
82	Thomas J. Maisey
84	Homer Chevront & Nelle Chevront, his wife
85	A.W. Priest & Mable Priest, his wife, et al
86	Lemon Chevront
88	P.R. Woofter & Mary A. Woofter, his wife
89	Patrick F. Lydon, widower
92	Dominion Energy Transmission, Inc.
93	Ellen Call, et al
TPK-2.1	WVDOH
TPK-2.2	WVDOH

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