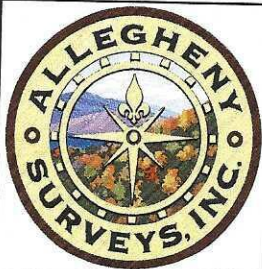
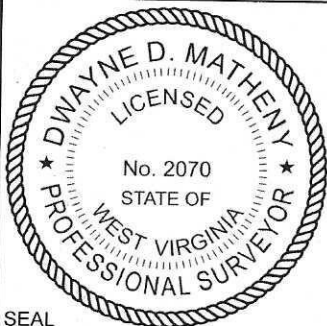


HG Energy II Appalachia, LLC
Well No. Gum 1217 N-4H



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

(Page 2)
Match Line

5/8" Rebar

5/8" Rebar (MSES)

Bottom
Hole
7.5'
Spot

47-041-00185

3/4" rebar
(Losh #674)

Top
Hole
7.5'
Spot

11,322' to Top Hole

7,787' 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-4H

5/8" rebar
w/yellow
plastic cap

AZ165° 385'

AZ274° 461'

Stone pile

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

2,612' to Bottom Hole

9,449' to Top Hole

47-041-04504

47-041-05062

47-041-01824

47-041-02294

47-041-03263

47-041-70920

47-041-70923

47-041-30260

47-041-30013

47-041-70922

47-041-30101

Proposed Well
Gum 1217 N-4H
Top Hole

3000'

47-041-01748

Water Well

47-041-04048

Water Well

47-041-70062

47-041-02269

47-041-30662

47-041-30377

47-041-70921

47-041-01858

47-041-30824

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.

1/2" rebar

See Detail 1

3/4" rebar (Gilbertson)

47-041-05044

47-041-00071

500' Buffer

Flat rock on ridge

47-041-02581

47-041-02589

47-041-01824

4x8x12 planted stone

(chisel mark)

47-041-03263

03263

47-041-70062

47-041-70920

Proposed
Well
Gum 1217
N-4H
Top Hole

FILE NO: 100-12-FC-21

DRAWING NO: Gum 1217 N-4H 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: August 13 20 25

OPERATOR'S WELL NO. Gum 1217 N-4H

API WELL NO

47-041-05773
STATE OF WEST VIRGINIA
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
30,636' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

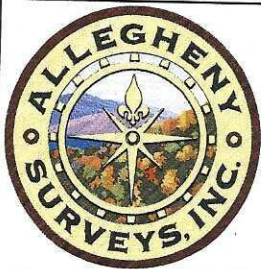
ADDRESS: 5260 Dupont Road

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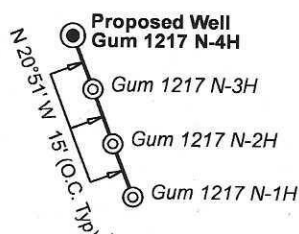
Parkersburg, WV 26101

Parkersburg, WV 26101

OCT 07 2025
WV Department of Environmental Protection
Camden
COUNTY
ACREAGE: 101.00

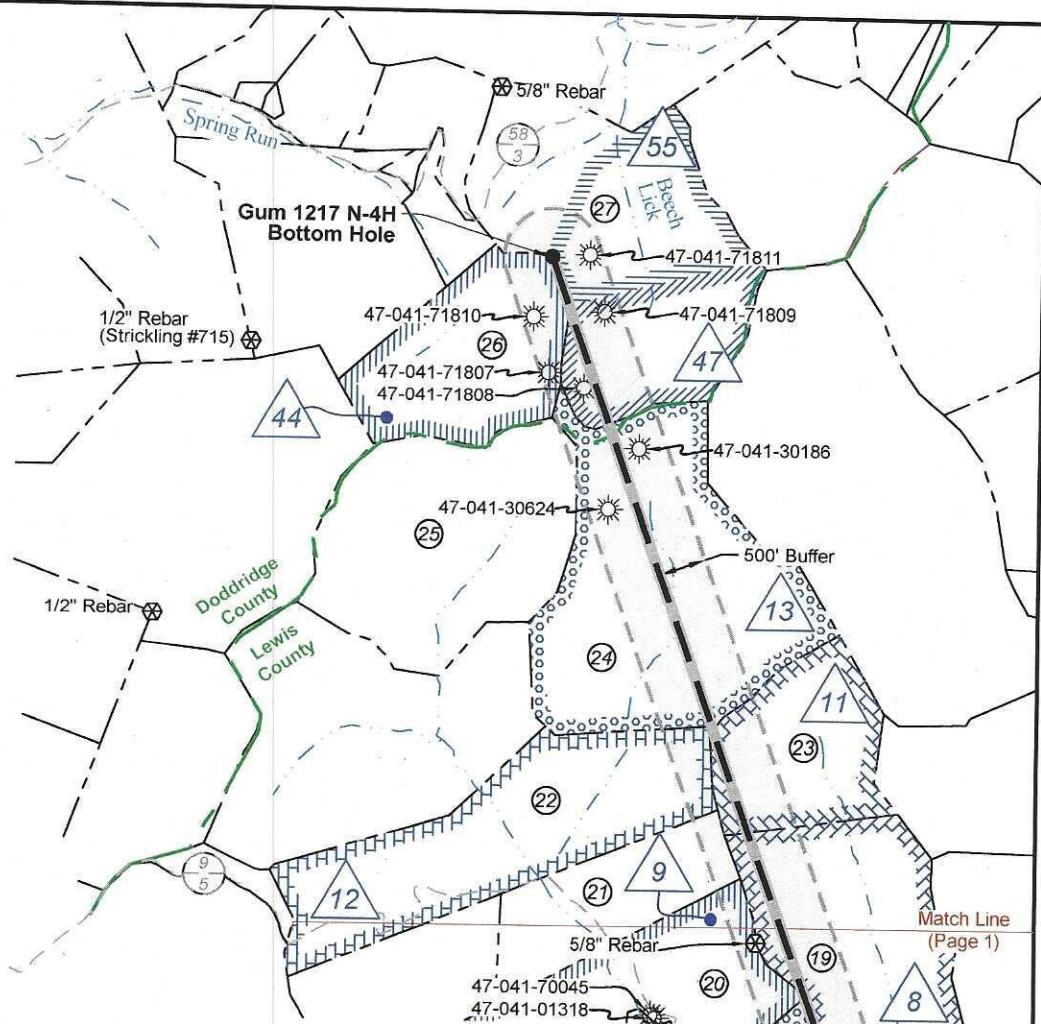


Wellhead
Layout (NTS)



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°00' W	1,485.5'	4x8x12 planted stone (chisel mark)
L2	N 68°16' W	1,276.9'	47-041-01748
L3	N 04°51' E	855.7'	47-041-04048
L4	S 31°07' E	737.5'	47-041-02294
L5	N 71°29' W	760.1'	Landing Point

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

Notes: Well No.
Gum 1217 N-4H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°05'56.57"
Lon: 80°34'53.66"
Landing Point Coordinates
Lat: 39°05'58.99"
Lon: 80°35'02.80"
Bottom Hole Coordinates
Lat: 39°09'34.18"
Lon: 80°36'38.90"

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 N-4H
UTM NAD 1983 (USF)
Top Hole Coordinates
N: 14,198,992.12'
E: 1,759,174.63'
Landing Point Coordinates
N: 14,199,233.53'
E: 1,758,453.89'
Bottom Hole Coordinates
N: 14,220,963.18'
E: 1,750,786.61'

Notes: Well No.
Gum 1217 N-4H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,327,861.454m
E: 536,197.500m
Landing Point Coordinates
N: 4,327,935.036m
E: 535,977.818m
Bottom Hole Coordinates
N: 4,334,558.246m
E: 533,640.826m

FILE NO: 100-12-FC-21

DRAWING NO: Gum 1217 N-4H Well Plat

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Submeter

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

DATE: August 13 2025

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API WELL NO

47 - 041 - 05773

STATE COUNTY PERMIT

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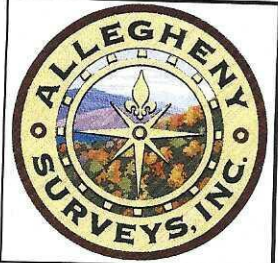
DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

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Parkersburg, WV 26101

Parkersburg, WV 26101



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 Shackleford	670 / 280	46.00
3	4D / 43.2	William L. & Martha S. Gum	385 / 534	12.00
4	4D / 40.2	William L. & Martha S. Gum	332 / 226	15.01
5	4D / 40.1	William L. & Martha S. Gum	332 / 226	14.00
6	4C / 8.1	Donna J. Goldsmith	577 / 690	21.39
7	4C / 8	Donna J. Goldsmith	577 / 690	32.60
8	4C / 7	William L. & Martha S. Gum	320 / 568	52.00
9	4C / 9	Betty Arbogast, et al	740 / 849	84.00
10	4C / 10	Ricky Barnes, et al	598 / 747	294.98
11	4C / 11	Donna M. Walls	498 / 388	32.50
12	4C / 13	Shirley Taylor, et al	FID / -	79.04
13	4C / 12	Randell L. White, et al	547 / 426	118.00
14	4C / 1	Randell L. White, et al	547 / 421	237.00
15	4B / 5	Maryella D. Hitt Trust	674 / 383	67.25
16	4B / 4	Allen M. & Diane J. Jerden	571 / 507	262.09
17	4B / 3	Thomas J. Fahey Heirs	WB K / 65	34.75
18	4B / 6	Jacob & Laura K. Johnson	622 / 33	240.15
19	4B / 2	Thomas J. Fahey, et al	WB K / 65	109.50
20	3B / 23	Dominion Transmission, Inc.	591 / 761	122.38
21	3B / 22	John H. & Stephanie A. Smith	578 / 434	52.50
22	3B / 21	Joseph Fahey, et al	751 / 390	120.00
23	4B / 1	Thomas J. Fahey, et al	WB K / 65	60.00
24	3A / 2	State of West Virginia, Bureau of Commerce, DNR	531 / 663	148.75
25	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.
26	21 / 8	Herbert & Betty Bickford	363 / 488	77.57
27	17 / 5	Wayne A. Gorby	436 / 333	158.46

ID	Lease
1	W.J. Woofter & Susan Woofter, his wife
2	A.F. Gum & M.L. Gum, his wife
3	A.H. Kemper & Sarah Kemper, his wife
4	Perry C. Gum & Dora Gum, his wife, et al
5	Jemima K. Cumpston & W.C. Cumpston, her husband
6	Edward Foley & Ellen A. Foley, his wife, et al
7	Thomas J. Fahey & Mary E. Fahey, his wife
8	Mary Fahey, et al
9	Joseph P. Fahey, attorney-in-fact for John J. Fahey, widower, et al
11	T.J. Fahey & Mary E. Fahey, his wife
12	T.J. Fahey & Mary E. Fahey, his wife
13	Edward Foley, Sr. & Catherine Foley, his wife
41	Henry Snyder & Margaret Snyder, his wife
44	David L. Nicholson, Jr.
47	Edward Foley, Jr. & Ellen A. Foley, his wife
55	Carl M. Smith
56	Joseph Gum & Margaret Gum, his wife, et al
60	P.L. Hull & M.E. Hull, his wife
65	J.P. Hull

FILE NO: 100-12-FC-21

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