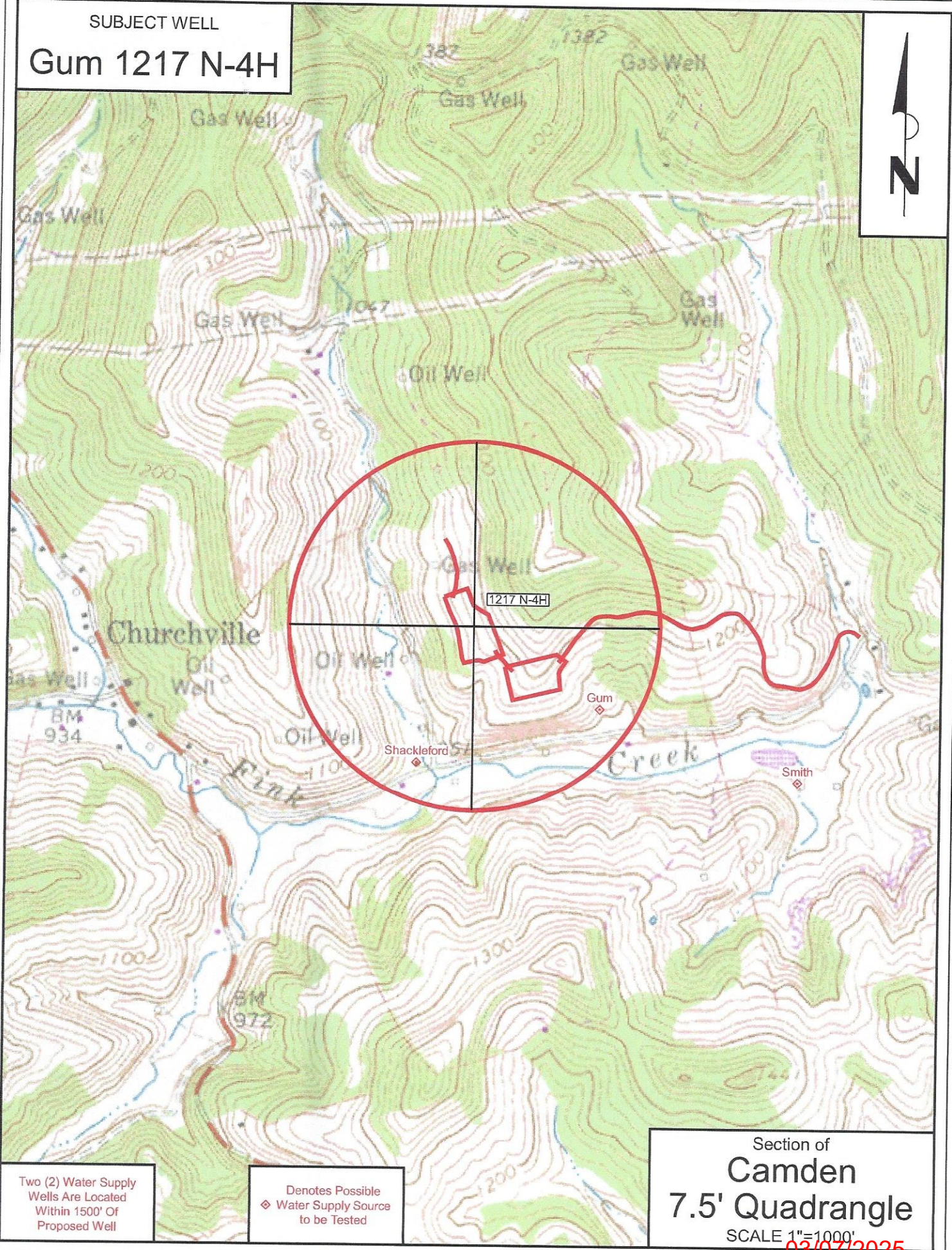


SUBJECT WELL

Gum 1217 N-4H



Two (2) Water Supply Wells Are Located Within 1500' Of Proposed Well

Denotes Possible Water Supply Source to be Tested

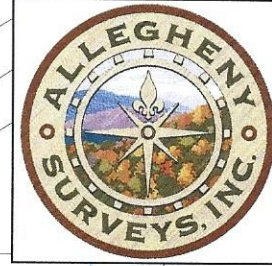
Section of Camden 7.5' Quadrangle
SCALE 1"=1000'

03/07/2025

11,322' to Top Hole

7,241' to Bottom Hole

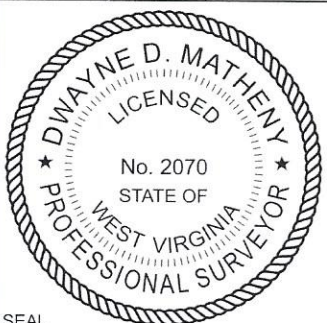
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00



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

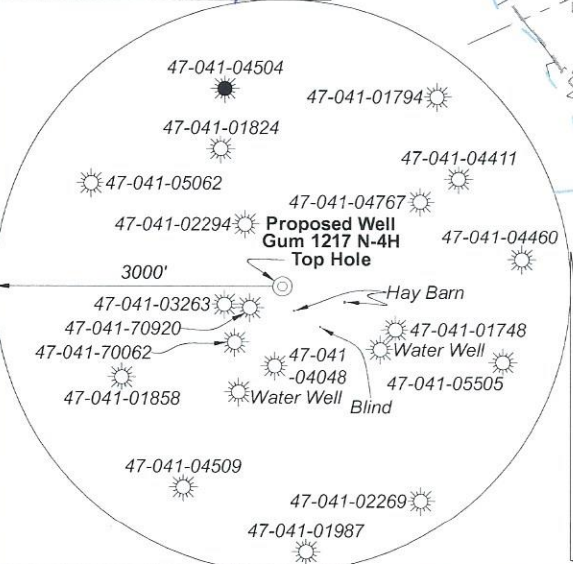
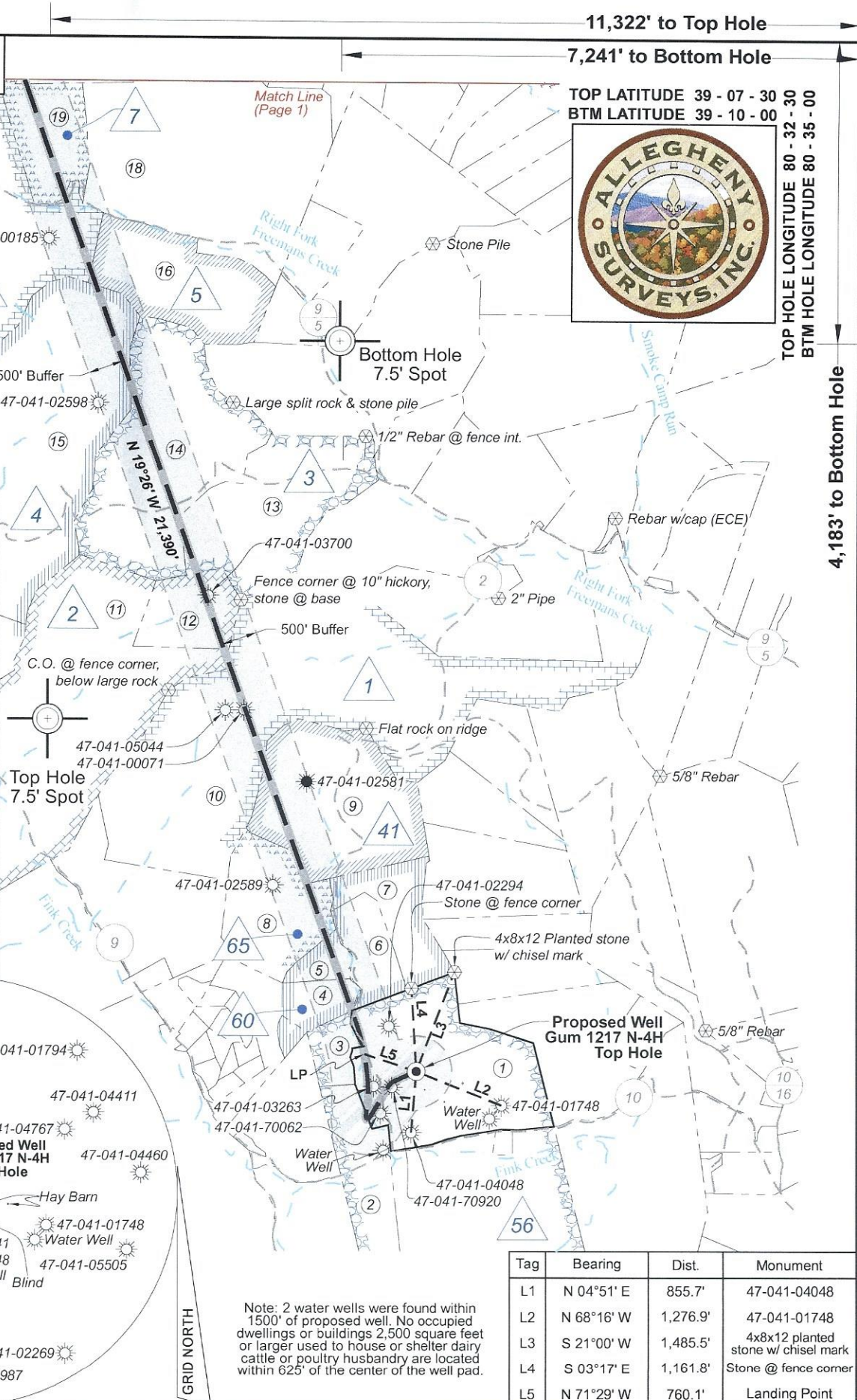
9,449' to Top Hole

4,183' to Bottom Hole



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.

Tag	Bearing	Dist.	Monument
L1	N 04°51' E	855.7'	47-041-04048
L2	N 68°16' W	1,276.9'	47-041-01748
L3	S 21°00' W	1,485.5'	4x8x12 planted stone w/ chisel mark
L4	S 03°17' E	1,161.8'	Stone @ fence corner
L5	N 71°29' W	760.1'	Landing Point

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: February 5 20 25
OPERATOR'S WELL NO. Gum 1217 N-4H
API WELL NO
47 - 041 - 05773
STATE COUNTY PERMIT

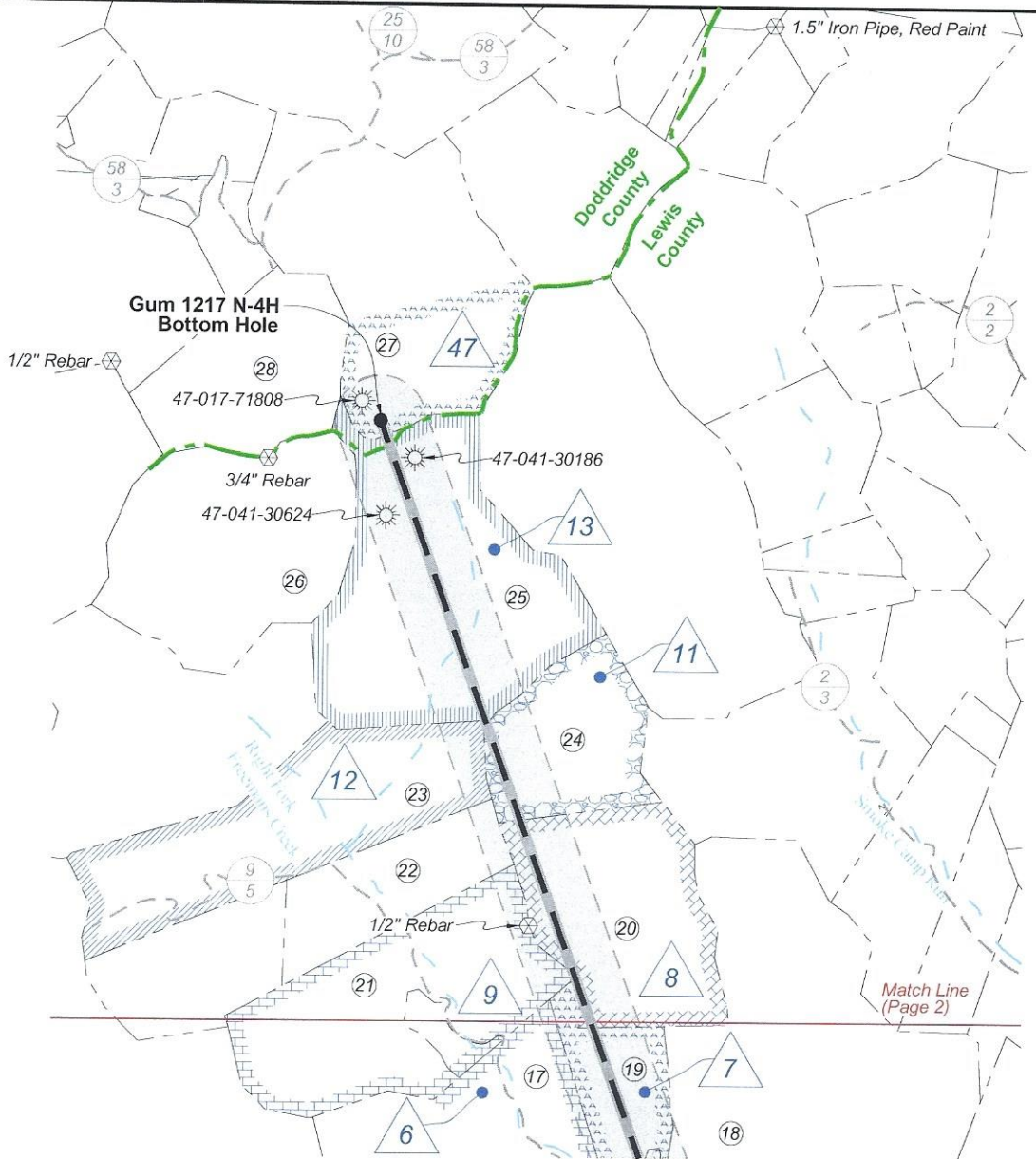
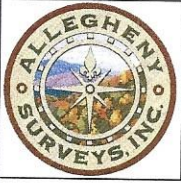
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,162.0' WATERSHED: Fink Creek
DISTRICT: Freemans Creek / Greenbrier / New Milton
SURFACE OWNER: Garrett A. Gum
ROYALTY OWNER: Joseph Gum, et al LEASE NO: ACREAGE: 305.49

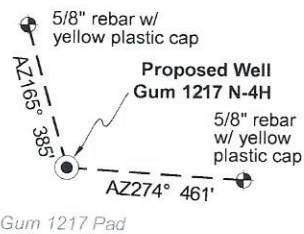
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 28,972' MD 6,900' TVD

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

03/07/2025



**Well Location References
Not to Scale**



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.)

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. Van Wie 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°09'18.65" Lon: 80°36'31.96"	Notes: Well No. Van Wie 1217 N-4H UTM NAD 1983 (USSF) 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: 14,219,394.66' E: 1,751,340.06'	Notes: Well No. Van Wie 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: 4,334,080.161m E: 533,809.518m

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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: February 5 20 25
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API WELL NO
47 — 041 — 05773
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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

QUADRANGLE: Top: Camden Btm: Big Issac

DISTRICT: Freemans Creek / Greenbrier / New Milton

COUNTY: Putnam

SURFACE OWNER: Garrett 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
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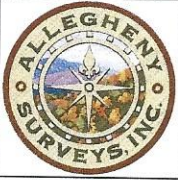
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WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

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ID	Lease
1	William J. Woofter
2	The Union National Bank of Clarksburg, as Trustee of S.A. Smith & Burke Morris Trust, et al
3	A.H. Kemper, et al
4	Perry Gum, et al
5	Jemima Cumpston, et vir
6	Edward Foley
7	George C. Fahey, Jr., et al
8	Trustee of the John J. Fahey, Jr. Trust, et al
9	Joseph P. Fahey, et al
11	T.J. & Mary Fahey, et al
12	T.J. & Mary Fahey
13	Edward Foley & Thomas T. Groves, et al
41	Henry Snyder, et al
47	Edward Foley, et al
56	Joseph Gum
60	P.L. Hull
65	A.W. Priest, et al

Lewis County (Freemans 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 / 40.2	William L. & Martha S. Gum	332 / 226	15.10
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 / 3	Donna M. Walls	498 / 388	244.00
12	4C / 11	Donna M. Walls	498 / 388	32.50
13	4C / 13	Shirley Taylor, et al	383 / 503	79.04
14	4C / 12	Randell L. White, et al	547 / 426	118.00
15	4C / 1	Randell L. White, et al	547 / 421	237.00
16	4B / 5	Maryalla D. Hitt Trust	674 / 383	67.25
17	4B / 4	Allen M. & Diana J. Jerden	571 / 507	262.09
18	4B / 6	Jacob & Laura K. Johnson	622 / 33	240.15
19	4B / 3	Thomas J. Fahey Heirs	WB K / 65	34.75
20	4B / 2	Thomas J. Fahey, et al	WB K / 65	109.50
21	3B / 23	Dominion Transmission, Inc.	591 / 761	131.22
22	3B / 22	John H. & Stephanie A. Smith	578 / 434	52.50
23	3B / 21	Joseph Fahey, et al	751 / 390	120.00
24	4B / 1	Thomas J. Fahey, et al	WB K / 65	60.00
25	3A / 2	State of WV, Bureau of Commerce, DNR	531 / 663	148.75
26	3A / 1	State of WV, Bureau of Commerce, DNR	531 / 663	103.00

Doddridge County (Greenbrier Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
27	17 / 5	Wayne A. Gorby	436 / 333	158.46

Doddridge County (New Milton Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
28	21 / 8	Herbert & Betty Bickford	363 / 488	77.57

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