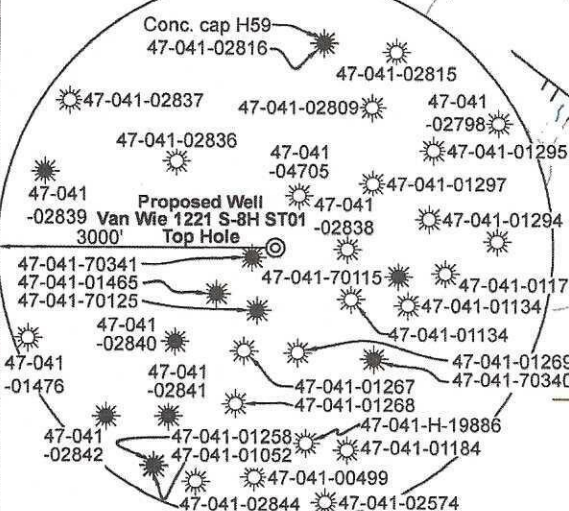


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.


Dwayne D. Matheny, P.S. 2070



Note: 0 water wells, 0 cistern, and 0 pond 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.	Description
L1	N 74°21' E	2,670.7'	5/8" Iron rebar
L2	S 71°07' E	2,611.2'	47-041-02839
L3	S 59°56' E	3,503.9'	5/8" Iron rebar
L4	S 34°24' W	1,876.0'	47-041-02809
L5	S 13°06' E	478.2'	Landing Point

FILE NO: 170-12-30-FC-22

DRAWING NO: Van Wie 1221 S-8H ST01 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: September 15 2025

OPERATOR'S WELL NO. Van Wie 1221 S-8H ST01

API WELL NO

47 — 041 — 05767
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,251.77' WATERSHED: Fink Creek

DISTRICT: Freemans Creek

SURFACE OWNER: HG Energy II Appalachia, LLC, et al

ROYALTY OWNER: Joseph Krenn, et al

LEASE NO: _____ ACREAGE: 245

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: 6,826' TVD
32,515' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

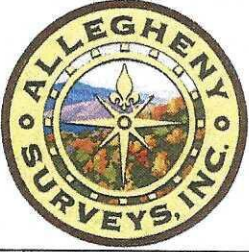
DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

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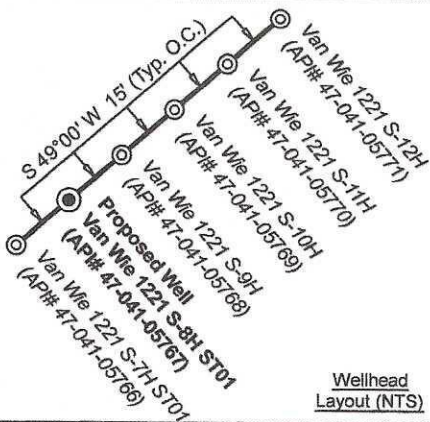


Well Location References
Not to Scale



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.)



Wellhead
Layout (NTS)

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

Notes: Well No.
Van Wie 1221 S-8H ST01
WVCS 1927, North Zone

Top Hole Coordinates
Lat: 39°05'40.21"
Lon: 80°40'09.78"

Landing Point Coordinates
Lat: 39°05'35.60"
Lon: 80°40'08.42"

Bottom Hole Coordinates
Lat: 39°01'45.95"
Lon: 80°38'25.50"

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 1221 S-8H ST01
UTM NAD 1983 (USSF)

Top Hole Coordinates
N: 14,197,235.00'
E: 1,734,268.60'

Landing Point Coordinates
N: 14,196,769.26'
E: 1,734,376.99'

Bottom Hole Coordinates
N: 14,173,574.79'
E: 1,742,580.49'

Notes: Well No.
Van Wie 1221 S-8H ST01
UTM NAD 1983 (Meters)

Top Hole Coordinates
N: 4,327,325.883m
E: 528,606.126m

Landing Point Coordinates
N: 4,327,183.925m
E: 528,639.164m

Bottom Hole Coordinates
N: 4,320,114.236m
E: 531,139.596m

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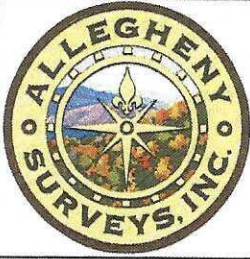
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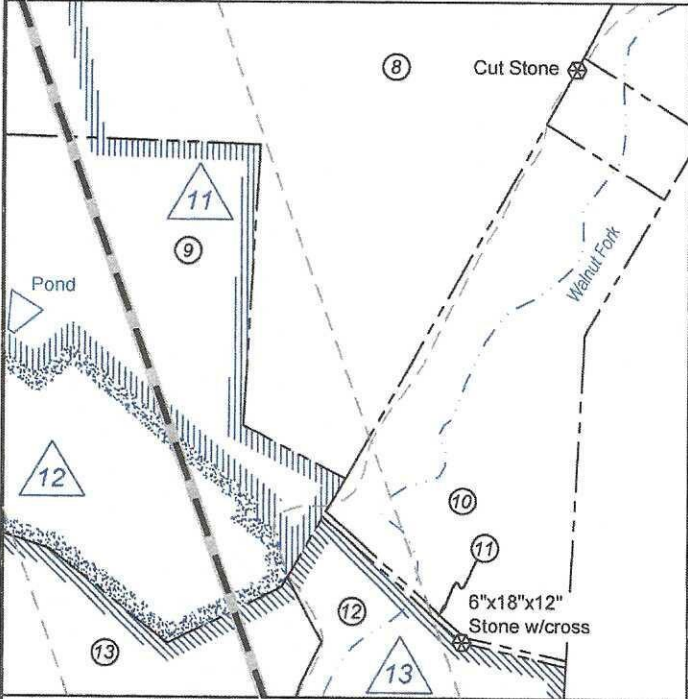
ADDRESS: 5260 Dupont Road

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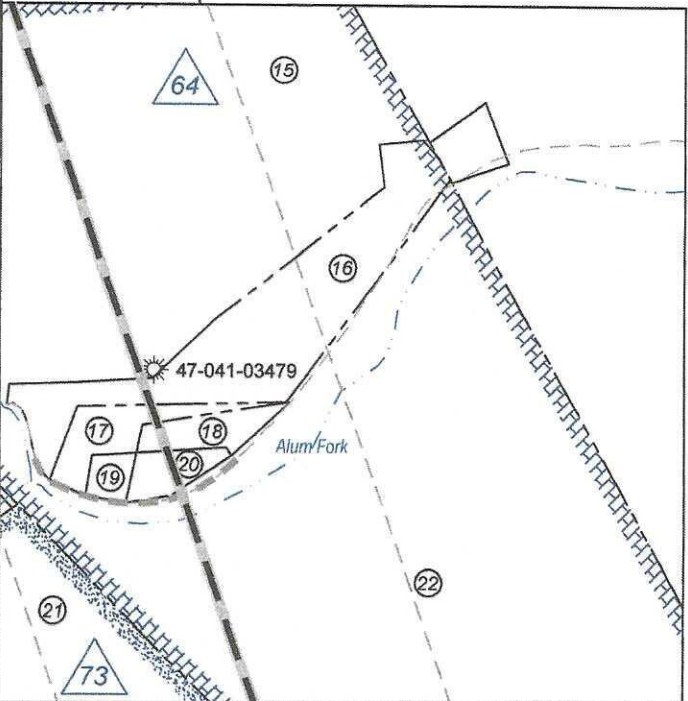
Parkersburg, WV 26101



Detail 1 (1"=500')



Detail 2 (1"=500')



ID	Lease
6	Joseph Krenn, et ux
7	HG Energy II Appalachia, LLC
8	L.M.Reed, et ux
9	L.M.Reed, et ux
11	L.B. Gaston, et ux, et al
12	HG Energy II Appalachia, LLC
13	H.P. Queen, et ux, et al
51	Riverside Farm Livestock and Woodland, LLC
52	S.R. Harrison, Jr., et ux, et al
64	Marie S. Hinkle, et vir
73	Ryan C. Radtka
75	D.L. & Alice Moody, et al
76	Robert P. Phillips
78	O.V. & Sarah Rohr, et al
81	Frank A. Mertz, et al
82	John J. Kenney, et al
84	Mary M. Allman, et al
85	William H. Dean
TPK-1.2	State of WV, Department of Transportation

Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	2D / 3	HG Energy II Appalachia, LLC	800 / 637	131.85
2	2D / 29	Anthony S. & Dawn H. VanWie	732 / 622	26.63
3	2D / 30	Anthony S. & Dawn H. VanWie	732 / 622	19.00
4	2D / 31	Anthony S. & Dawn H. VanWie	732 / 622	73.10
5	2D / 34	Anthony S. & Dawn H. VanWie	732 / 622	43.81
6	2D / 33	Anthony S. & Dawn H. VanWie	732 / 622	19.00
7	2D / 32	Arthur A. Ruble	544 / 536	58.00
8	2D / 35	Eugene C. Groah, Jr.	705 / 777	80.00
9	2E / 41.1	David B. Lang	717 / 614	72.75
10	2E / 41	Charles M. & Katie D. Groah	575 / 205	15.50
11	2E / 43.1	David B. Lang	662 / 726	0.25
12	2E / 45	Paul J. Groah & James C. Empoules	723 / 719	173.00
13	2E / 42	Elana D. Burnett, et al	W21 / 187	50.00
14	2E / 46	Emily M. & Carlton E. Jones, II	734 / 928	130.00
15	2E / 54	Emily M. & Carlton E. Jones, II	734 / 928	47.44
16	2E / 54.3	Emily M. & Carlton E. Jones, II	712 / 767	4.56
17	2E / 54.1	Carlton E. & Barbara L. Jones	439 / 563	1.29
18	2E / 54.2	Carlton E. & Barbara L. Jones	439 / 561	0.72
19	2E / 53	Emily M. & Carlton E. Jones, II	603 / 57	0.42
20	2E / 53.1	Carlton E. & Barbara L. Jones	439 / 557	0.58
21	2F / 109	John H. Winans	W49 / 61	20.00
22	2E / 52	John H. Winans	W49 / 61	45.00
23	2F / 61	Melene Moody & Kris Pares	774 / 600	62.00
24	2F / 62.4	David S. Rexroad	603 / 535	1.00
25	2F / 62	Pamela F. Coulbourne & Dean Fluharty	653 / 466	34.25
26	2F / 62.3	Pamela F. Coulbourne & Dean Fluharty	653 / 466	19.75
27	2F / 66	Jack B. & Melody J. Atchison	451 / 402	114.00
28	3F / 4	Maria Zemel & Robert A. Hughes	699 / 668	114.75
29	2F / 90	Richard & Ashley Detamore	663 / 403	75.00
30	3F / 7	Charles T. Raines, Sr. & Ada B. Raines	637 / 776	57.00
31	2F / 91	Richard & Ashley Detamore	663 / 403	52.76
32	3F / 5	Lynn Money Penny	465 / 514	21.00
33	3G / 1	John J. & Tonya S. Moran	550 / 439	28.44
34	3G / 3	Dana R. & Catherine Lattea	476 / 645	12.70
35	3G / 4	Denise A. Stonesifer & Anna C. Stonesifer	786 / 229	55.04
36	3G / 4.2	Alice A. Godfrey	W46 / 401	0.74
37	3G / 2	Rick Lawson	DR17 / 548	7.30
38	3G / 1.3	Ralph W. & Mary E. Stanton	550 / 420	19.53
39	3G / 11	David W. Aman	W46 / 30	78.00
40	3G / 17	Brian E. Stark	W54 / 483	86.00
41	3G / 1.4	John W. & Janice L. McCarty	550 / 431	87.96

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