

HG Energy II Appalachia, LLC  
Well No. Van Wie 1221 S-11H

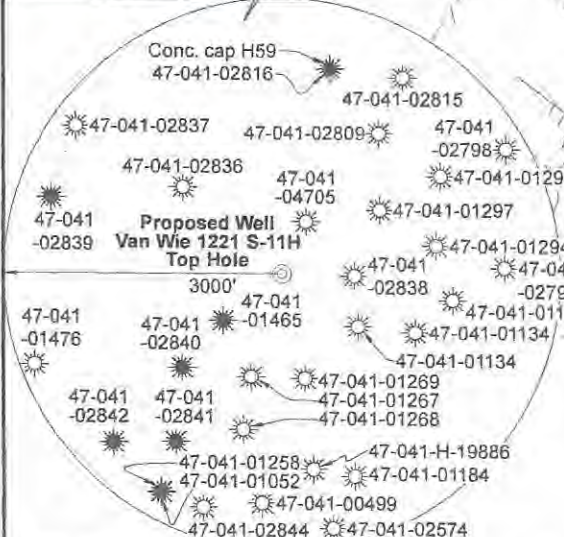


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I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

*Dwayne D. Matheny*  
Dwayne D. Matheny, P.S. 2070



Note: 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.

FILE NO: 170-12-30-FC-22  
DRAWING NO: Van Wie 1221 S-11H Well Plat-S  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

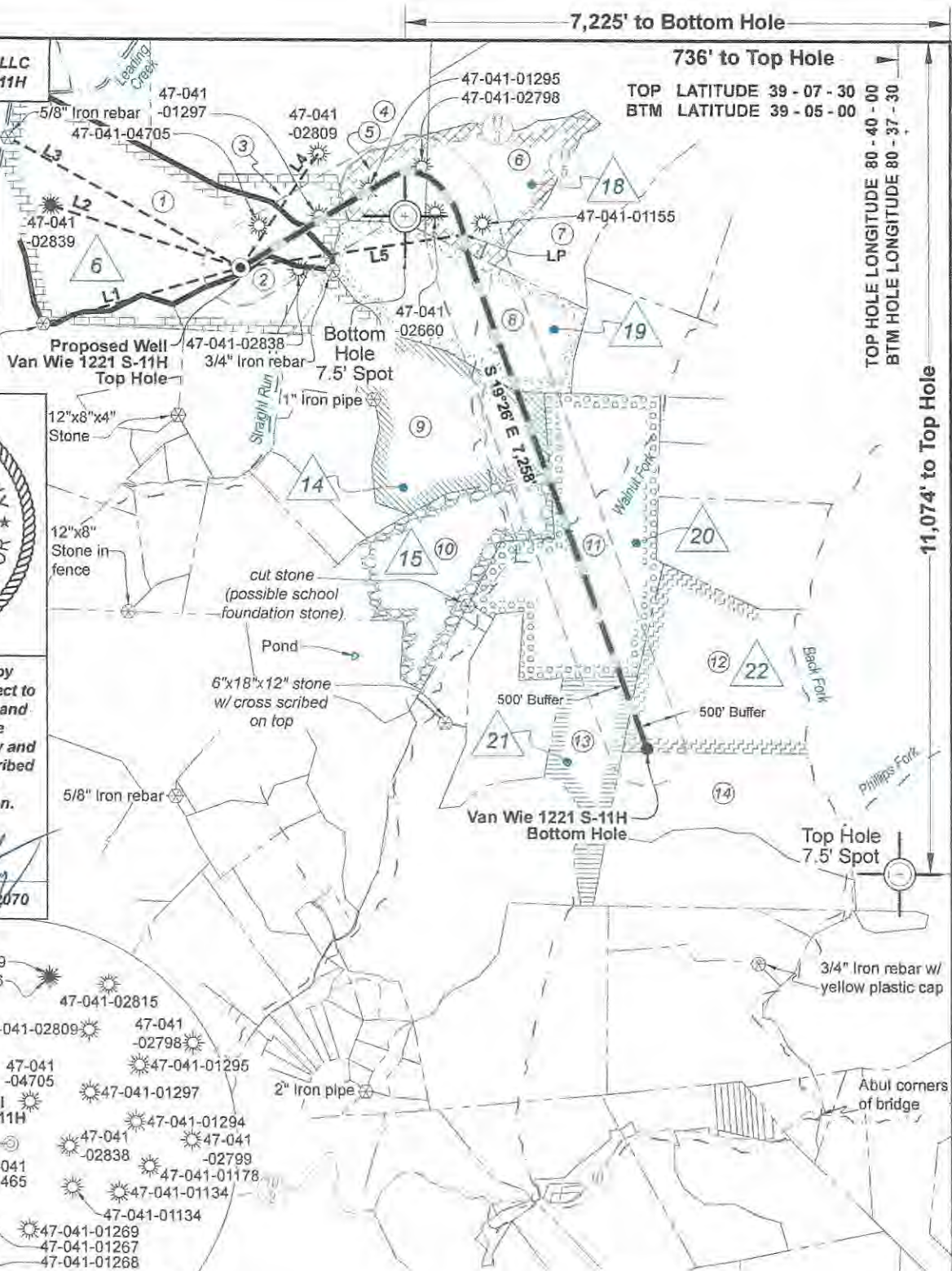
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: September 13, 2024  
OPERATOR'S WELL NO. Van Wie 1221 S-11H  
API WELL NO  
47 - 041 - 05770  
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 QUADRANGLE: Vadis  
DISTRICT: Freemans Creek COUNTY: Lewis  
SURFACE OWNER: HG Energy II Appalachia, LLC, et al ACREAGE: 131.85  
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: 7,035' TVD 15,989' 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



Tag	Bearing	Dist.	Description
L1	N 73°56' E	2,711.4'	5/8" Iron rebar
L2	S 71°58' E	2,634.1'	47-041-02839
L3	S 60°38' E	3,518.7'	5/8" Iron rebar
L4	S 34°03' W	1,832.5'	47-041-02809
L5	N 81°26' E	2,981.1'	Landing Point

TOP HOLE LONGITUDE 80 - 40 - 00  
BTM HOLE LONGITUDE 80 - 37 - 30

11,074' to Top Hole

2,321' to Bottom Hole

11/08/2024

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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 1221 S-11H  
WVCS 1927, North Zone  
Top Hole Coordinates  
Lat: 39°05'40.50"  
Lon: 80°40'09.34"  
Landing Point Coordinates  
Lat: 39°05'44.78"  
Lon: 80°39'31.92"  
Bottom Hole Coordinates  
Lat: 39°04'37.06"  
Lon: 80°39'01.65"

Notes: Well No. Van Wie 1221 S-11H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,197,264.51'  
E: 1,734,302.55'  
Landing Point Coordinates  
N: 14,197,708.28'  
E: 1,737,250.45'  
Bottom Hole Coordinates  
N: 14,190,868.15'  
E: 1,739,662.75'

Notes: Well No. Van Wie 1221 S-11H  
UTM NAD 1983 (Meters)  
Top Hole Coordinates  
N: 4,327,334.877m  
E: 528,616.474m  
Landing Point Coordinates  
N: 4,327,470.139m  
E: 529,514.996m  
Bottom Hole Coordinates  
N: 4,325,385.263m  
E: 530,250.267m

Well Location References  
Not to Scale

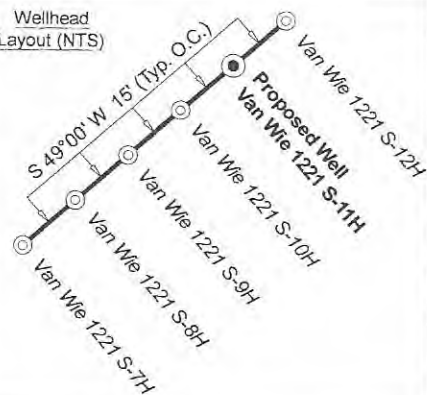


Legend

- 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.)

ID	Lease
6	Joseph Krenn, et ux
14	C.K. Gibson, et ux
15	Elsie & J.P. Linder, et al
18	HG Energy II Appalachia, LLC.
19	J.C. & A.C. Starcher
20	HG Energy II Appalachia, LLC.
21	Riverside Farm Livestock and Woodland, LLC
22	Michael N. Cullen, et ux, et al

Wellhead  
Layout (NTS)



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 / 3.1	HG Energy II Appalachia, LLC	800 / 637	20.00
4	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
5	2D / 38	William J. & Ann McCutchan	793 / 173	26.96
6	2D / 40	Judith A. Rioch	403 / 270	63.89
7	2D / 45	Matthew D. & Linda S. Richards	553 / 117	54.00
8	2D / 37	Jacob R. Straley Heirs	728 / 53	97.00
9	2D / 36	Eugene C. Groah, Jr.	705 / 777	93.12
10	2D / 35	Eugene C. Groah, Jr.	705 / 777	80.00
11	2D / 47	Frances McCutchan, et al	726 / 551	151.00
12	3E / 1	David B. Lang	620 / 45	110.00
13	2E / 44	David B. Lang	662 / 726	43.00
14	3E / 2	Thomas Quinn, et al	W46 / 21	95.50

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