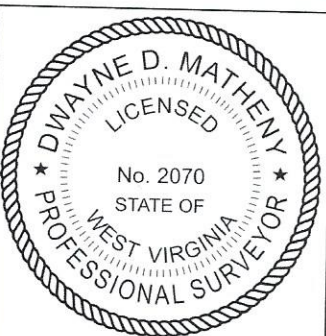


HG Energy II Appalachia, LLC
Well No. Van Wie 1221 N-3H MOD

ALLEGHENY SURVEYS, INC.

Page 1 of 2



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

Proposed Well Van Wie 1221 N-3H Top Hole

3000'

47-041-02812 Conc. cap H59
47-041-02816
47-041-02815
47-041-02814
47-041-02837
47-041-02809
47-041-02798
47-041-02836
47-041-01295
47-041-02839
47-041-04705
47-041-02839
47-041-02839
47-041-01294
47-041-02660
47-041-02838
47-041-01178
47-041-02799
47-041-01177
47-041-01134
47-041-01269
47-041-30127
47-041-01267
47-041-01268
47-041-02840
47-041-30128
47-041-02841
47-041-01264
47-041-01465
47-041-02842
47-041-01258
47-041-01052
47-041-01265
47-041-H-19886
47-041-01184
47-041-02844
47-041-00499
47-041-02574

FILE NO: 170-12-30-FC-22
DRAWING NO: Van Wie 1221 N-3H 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: October 14 20 24
OPERATOR'S WELL NO. Van Wie 1221 N-3H
API WELL NO
47 - 041 - 05762
STATE COUNTY PERMIT

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

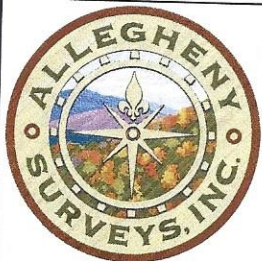
LOCATION: ELEVATION: 1,251.77' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Freemans Creek COUNTY: Lincoln

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) BHL - MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,035' TVD 30,081' MD

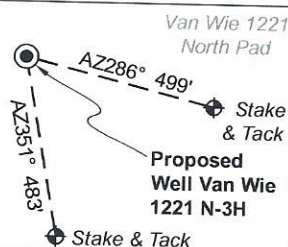
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

HG Energy II Appalachia, LLC
Well No. Van Wie 1221 N-3H MOD



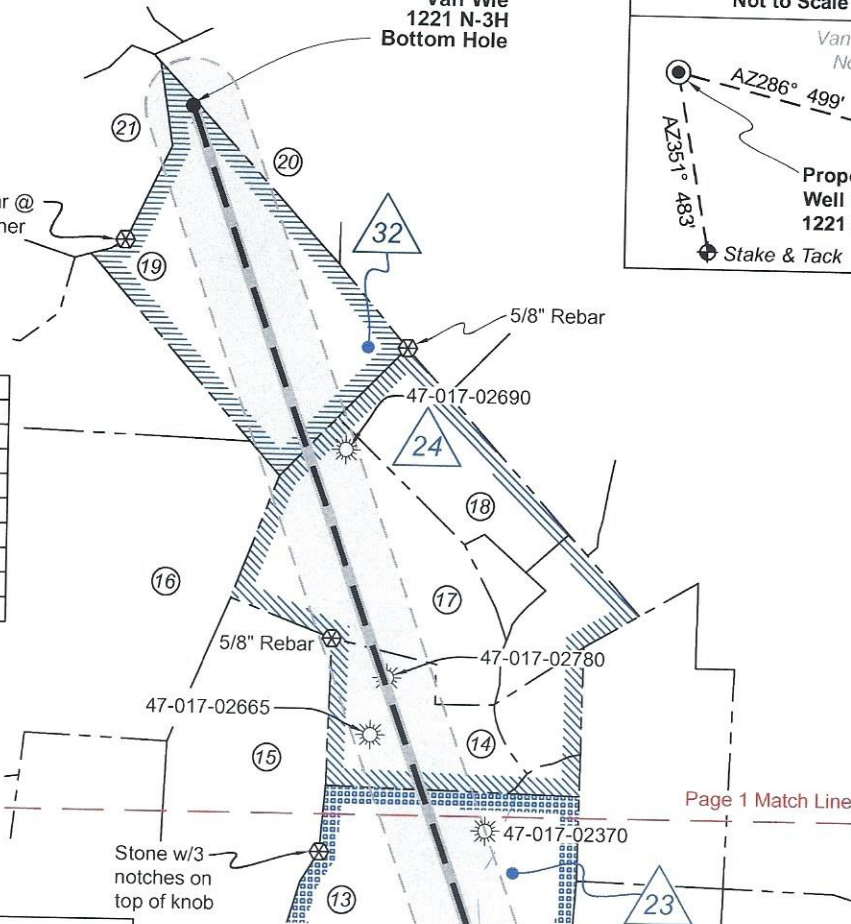
Page 2 of 2

Well Location References
Not to Scale



Van Wie
1221 N-3H
Bottom Hole

3/4" Rebar @
fence corner



ID	Lease
3	Joseph Krenn, et ux
5	John Tierney
7	William E. Ruppert, et al
10	Fonce Brown & Rita Brown
14	HG Energy II Appalachia, LLC
15	Tygart Resources, Inc., et al
23	HG Energy II Appalachia, LLC
24	Stella Severin, et al
32	George J. Determan, et ux

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

Notes: Well No.
Van Wie 1221 N-3H
WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°05'41.31"
Lon: 80°40'06.88"
Landing Point Coordinates
Lat: 39°05'47.14"
Lon: 80°39'59.84"
Bottom Hole Coordinates
Lat: 39°09'17.86"
Lon: 80°41'34.18"

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.)

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 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,197,346.51'
E: 1,734,496.23'
Landing Point Coordinates
N: 14,197,937.95'
E: 1,735,048.73'
Bottom Hole Coordinates
N: 14,219,223.18'
E: 1,727,542.09'

Notes: Well No.
Van Wie 1221 N-3H
UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,327,359.871m
E: 528,675.508m
Landing Point Coordinates
N: 4,327,540.142m
E: 528,843.911m
Bottom Hole Coordinates
N: 4,334,027.893m
E: 526,555.882m

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 / 37	Jacob R. Straley Heirs	728 / 53	97.00
5	2D / 3.1	HG Energy II Appalachia, LLC	800 / 637	20.00
6	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
7	2C / 4	Susanne Securro	725 / 199	111.75
8	2C / 3	Stephen Ruppert	666 / 428	102.46
9	2C / 2	Clarence D. Brown	W4 / 572	96.50
Doddridge Co. (Cove Dist.)				
10	10 / 13	Clarence D. Brown	W20 / 306	12.50
11	10 / 15.1	Scott Flanagan, et al	239 / 591	101.56
12	10 / 14	Clarence D. Brown	W20 / 306	180.00
13	6 / 11	Joseph D. & Darlene K. Church	244 / 451	107.60
14	6 / 10.1	Leah Kelly	488 / 492	52.83
15	10 / 5	Edith G. Wilson Trust	255 / 247	159.30
16	6 / 9	Marcella Yeater	328 / 667	193.00
17	6 / 10.3	Brandon W. Gilbert	211 / 126	104.90
18	6 / 10.2	Robert Johnson & Ricky Jenkins	505 / 637	51.84
19	6 / 4	Mary A. Ruddy & Teigh R. Byrne	226 / 360	140.00
20	3 / 1	Mary A. Ruddy & Teigh R. Byrne	218 / 120	52.25
Doddridge Co. (New Milton Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
21	19 / 12	Sandra E. Erwin	W80 / 32	79.30

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

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LEASE NO: _____ ACREAGE: 245

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