

HG Energy II Appalachia, LLC
Well No. Vaneck 1215 N-6H MOD

1,771' to Top Hole
3,543' to Bottom Hole

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

BTM LONGITUDE 80 - 32 - 30
TOP LONGITUDE 80 - 32 - 30

2,935' to Top Hole

3,177' to Bottom Hole



Notes:
Well No. Vaneck 1215 N-6H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,552.75'
E: 1,768,692.54'
Landing Point Coordinates
N: 14,207,032.73'
E: 1,771,594.03'
Bottom Hole Coordinates
N: 14,220,472.39'
E: 1,766,844.93'

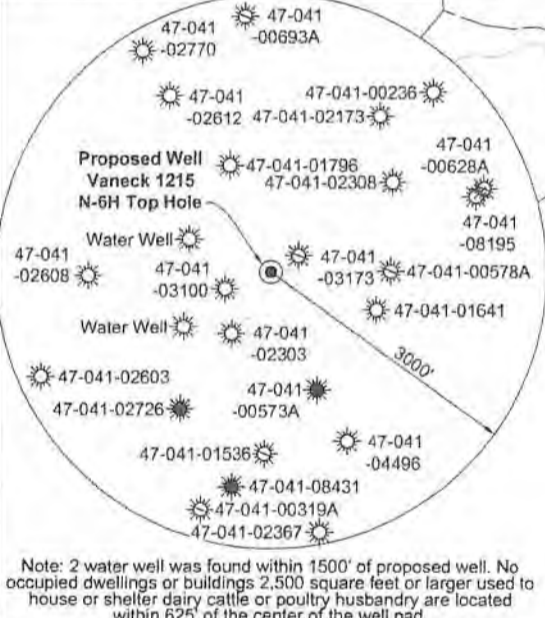
Tag	Bearing	Dist.	Description
L1	N 86°00' W	652.4'	1/2" Rebar
L2	N 19°39' W	605.1'	1/2" Rebar
L3	N 35°46' E	791.7'	#47-041-02303
L4	N 73°18' E	558.9'	#47-041-03100
L5	N 62°59' E	3,257.2'	Landing point

Notes: Well No. Vaneck 1215 N-6H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'00.98" Longitude: 80°32'52.48"
Bottom Hole coordinates Latitude: 39°09'28.59" Longitude: 80°33'15.00"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,329,861.182m E: 539,098.568m
Bottom Hole Coordinates N: 4,334,408.653m E: 538,535.412m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



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.

Kevin S. James
Kevin S. James, P.S. 2305



FILE NO: 156-36-UFC-20
DRAWING NO: Vaneck 1215 N-6H MOD 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: June 24 2022
OPERATOR'S WELL NO. Vaneck 1215 N-6H MOD
API WELL NO
47 - 041 - 05730
STATE COUNTY PERMIT

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

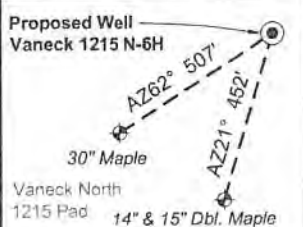
LOCATION: ELEVATION: 1254.8' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: HG Energy II, Appalachia, LLC, et al
ROYALTY OWNER: George W. Waggoner, et ux, et al LEASE NO: ACREAGE: 56.00

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH-MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,789' TVD 22,800' 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



Well Location References
Not to Scale

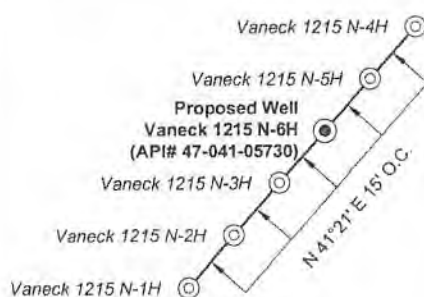


ID	Lease
1	George W. Waggoner, et ux
5	F. White
6	J.A. Burnside, et ux
7	Blonda S. Hall, et al
8	Fielding B. Riley, et al
9	Flossie Riley, et al
10	N.A. Lovett, et ux
11	Hudson Bailey, et ux
12	Hunter M. Bennett, et ux
23	George I. Davison, et al
26	Francis M. McKinley, et ux
36	J.A. White, et ux
37	Guffey Oil and Gas Royalties, Inc.
39	Dovener C. Burnside, et ux
50	William A. Booth, et ux

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.)
- Adjoinder surface tracts (approx.)

Wellhead Layout (NTS)



Lewis Co. - Freeman Creek Dist.

No.	TM / Par	Owner	Bk / Pg	Ac.
1	5C / 29	HG Energy II Appalachia, LLC	765 / 894	55.00
2	5C / 25	Raymond C. & Colona J. Waggoner	567 / 416	45.48
3	5C / 27.2	Jack E. & Cerilda M. Waggoner	547 / 691	57.97
4	5C / 22	Linda L. Waggoner	W33 / 157	57.76
5	5C / 37	Phillip E. Burnside	766 / 831	83.75
6	5C / 32	Robert S. Glotfelty	399 / 241	94.40
7	5C / 31	Nancy Hayhurst, et al	F30 / 392	13.75
8	5C / 30	Woody Lumber Co., Inc.	590 / 438	140.50
9	5B / 17	Mike Ross, Inc.	659 / 215	3.50
10	5B / 18	Mike Ross Inc.	659 / 215	279.97
11	5B / 19	Theodore J. & Jacqueline Riley	578 / 99	35.00
12	5B / 21	Theodore J. & Jacqueline Riley	467 / 254	140.00
13	5B / 31	Mark D. & Lisa A. Griffith	652 / 69	64.04
14	5B / 25.1	Jeffrey P. & Anessa E. Griffith	745 / 338	118.29
15	5B / 29	Kelly Joanne Bowie	622 / 463	32.00
16	5B / 27	Kelly Joanne Bowie	622 / 463	6.25
17	5B / 43	Brian K. & Debra D. Lough	728 / 285	43.77
18	5B / 26	Dawna Jo Burnside	762 / 219	52.00
19	5C / 55	Debra Burnside Garrett, et al	WB R / 525	25.00
20	5A / 12	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
21	5A / 12.1	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
22	5A / 8	Robert F. Burnside	710 / 276	32.81
23	5A / 7	Robert F. Burnside	710 / 276	1.50
24	5A / 6	Jeffrey P. & Anessa E. Griffith	692 / 498	78.00
25	5C / 39	Phillip E. Burnside	666 / 503	47.00
26	5C / 38	Phillip E. Burnside	766 / 831	4.25

Harrison Co. - Union-Outside Dist.

No.	TM / Par	Owner	Bk / Pg	Ac.
27	421 / 44	Matthew C. & Shana L. Gould	1468 / 1020	51.21
28	421 / 36	Sterling & Sheila Smith	1416 / 875	23.00

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Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: Lewis
ACREAGE: 55.00

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