

1,771' to Top Hole

5,186' to Bottom Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 12 - 30

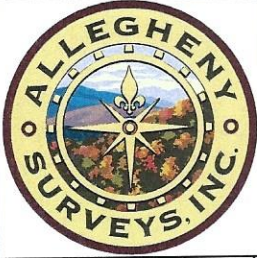
BTM LONGITUDE 80 - 32 - 30
TOP LONGITUDE 80 - 32 - 30

2,935' to Top Hole

13,623' to Bottom Hole

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

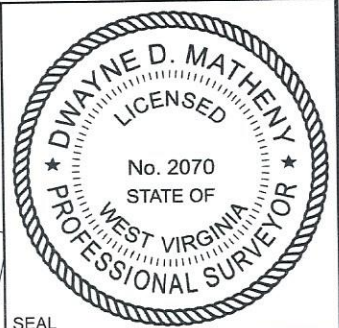
Page 1 of 2



Notes:
Well No. Vaneck 1215 N-6H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,552.75'
E: 1,768,692.53'
Landing Point Coordinates
N: 14,207,032.73'
E: 1,771,594.03'
Bottom Hole Coordinates
N: 14,225,188.37'
E: 1,765,178.46'

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

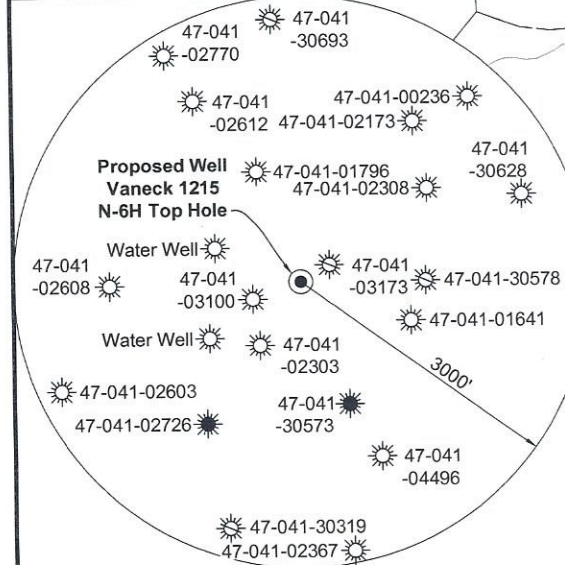
Notes: Well No. Vaneck 1215 N-6H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'00.98" Latitude: 39°10'15.31"
Longitude: 80°32'52.48" Longitude: 80°33'35.87"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,861.138m N: 4,335,846.087m
E: 539,098.561m E: 538,027.471m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



SEAL

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 well was 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: 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: February 28 2023
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

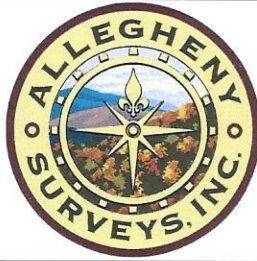
QUADRANGLE: Btm: Big Isaac
Top: Camden

SURFACE OWNER: HG Energy II, Appalachia, LLC, et al
ROYALTY OWNER: George W. Waggoner, et ux, et al

COUNTY: Lewis
ACREAGE: 56.00

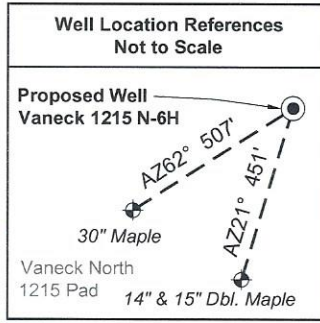
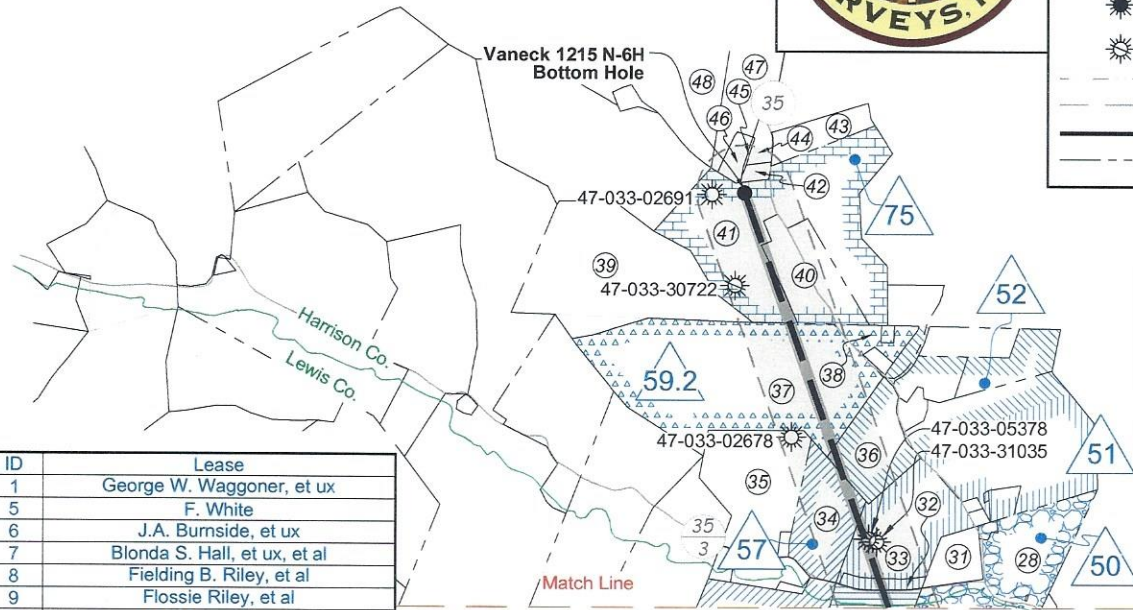
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ BH-MOD _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 28,246' MD

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

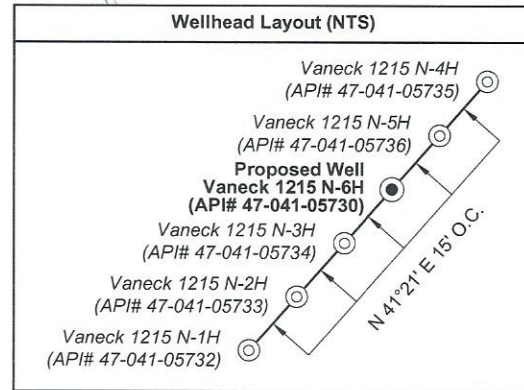


Legend

- 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.)
- Adjoiner surface tracts (approx.)



ID	Lease
1	George W. Waggoner, et ux
5	F. White
6	J.A. Burnside, et ux
7	Blonda S. Hall, et ux, 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. Davisson, et al
26	Francis M. McKinley, et ux
36	J.A. White, et ux
37	Guffey Oil and Gas Royalties, Inc.
39.2	Dovener C. Burnside, et ux
50	William A. Booth, et ux
51	Harvey Morris, et ux
52	CNX Gas Company, LLC
57	James Bradford Halcums
58	John M. Flanagan
59.2	Christopher D. & Nikki B. Curry, JTWROS
75	Martha Lewis



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 / 39	Phillip E. Burnside	666 / 503	47.00
6	5C / 38	Phillip E. Burnside	766 / 831	4.25
7	5C / 37	Phillip E. Burnside	766 / 831	83.75
8	5C / 32	Robert S. Gloffely	399 / 241	94.40
9	5C / 31	Nancy Hayhurst, et al	F30 / 392	13.75
10	5C / 30	Woody Lumber Co., Inc.	590 / 438	140.50
11	5B / 18	Mike Ross Inc.	659 / 215	279.97
12	5B / 19	Theodore J. & Jacqueline Riley	578 / 99	35.00
13	5B / 55	Debora Burnside Garrett, et al	WB R / 525	25.00
14	5B / 17	Mike Ross, Inc.	659 / 215	3.50
15	5B / 21	Theodore J. & Jacqueline Riley	467 / 254	140.00
16	5B / 31	Mannie R. & Doris Griffith (L/E)	652 / 69	64.04
17	5B / 25.1	Jeffrey P. & Anessa E. Griffith	745 / 338	118.29
18	5B / 29	Kelly Joanne Bowie	622 / 463	32.00
19	5B / 27	Kelly Joanne Bowie	622 / 463	6.25
20	5B / 43	Brian K. & Debra D. Lough	728 / 285	43.77
21	5B / 26	Dawna Jo Burnside	762 / 219	52.00
22	5A / 12	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
23	5A / 12.1	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
24	5A / 8	Robert F. Burnside	710 / 276	32.61
25	5A / 6	Jeffrey P. & Anessa E. Griffith	692 / 498	78.00
26	5A / 2	Jerry Tomes	W17 / 336	42.00
27	5A / 7	Robert F. Burnside	710 / 276	1.50

Harrison Co. - Union-Outside Dist.

No.	TM / Par	Owner	Bk / Pg	Ac.
28	421 / 44	Matthew C. & Shana L. Gould	1468 / 1020	51.21
29	421 / 36	Sterling & Sheila Smith	1416 / 875	23.00
30	421 / 35	Marion Dougherty	1464 / 1331	34.00
31	421 / 38	Atlantic Coast Pipeline	1616 / 421	6.00
32	421 / 43.4	John Puddister	1536 / 225	2.39
33	421 / 43.3	Ray M. Moser, Jr.	1291 / 1136	29.11
34	421 / 37	Ray M. Moser, Jr.	1291 / 1136	17.32
35	421 / 31	Albert L. Lewis	1294 / 989	28.00
36	421 / 25	Scott H. Curry	1536 / 282	14.34
37	421 / 11.2	Christopher D. & Nikki B. Curry	1616 / 417	70.00
38	421 / 11	Matthew Curry	1627 / 405	6.05
39	421 / 10	Christopher D. & Nikki B. Curry	1616 / 417	46.00
40	421 / 12	Ernest L. & Carol Coffindaffer	1247 / 891	15.60
41	421 / 13	Burl L. Post & Susan L. Carr	1356 / 775	59.21
42	401 / 15.3	Justin S. Clowser	1468 / 893	1.09
43	401 / 15.1	Harold D. Devericks, Jr.	1709 / 422	7.20
44	401 / 15	Lisa M. Rue	1625 / 867	3.33
45	401 / 15.2	Trustees Mt. Lebanon Cemetery	1319 / 325	0.18
46	401 / 14	Mt. Lebanon Baptist Church	337 / 466	2.50
47	401 / 13	Betty J. Mitchell & Violet J. Critchfield	W116 / 910	32.91
48	401 / 12	Betty J. Mitchell & Violet J. Critchfield	W116 / 910	36.12

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Parkersburg, WV 26101 Parkersburg, WV 26101

08/25/2023