

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



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 S-10H 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

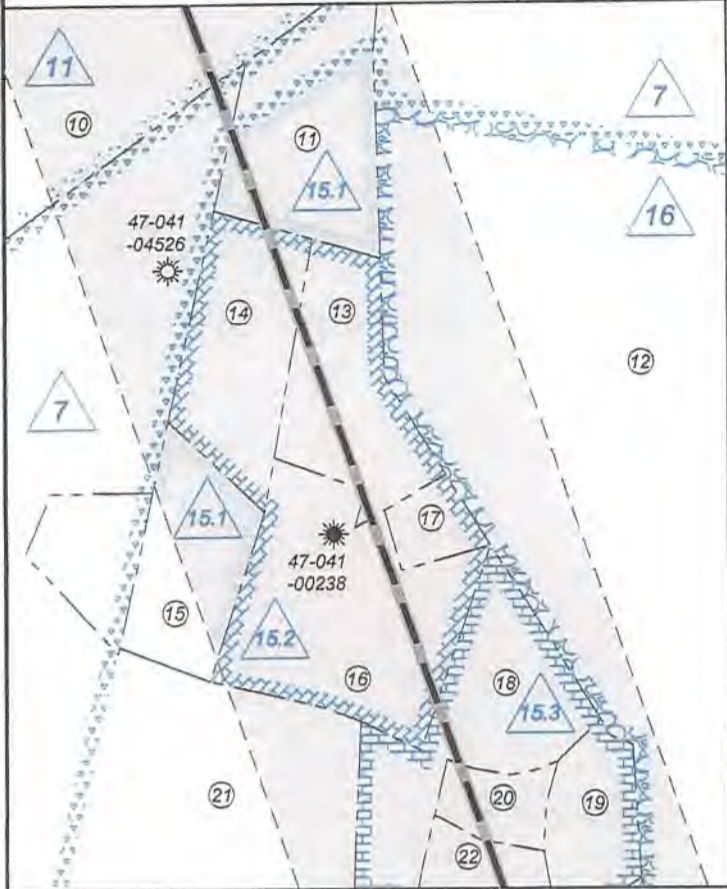
DATE: September 9 2022
 OPERATOR'S WELL NO. Vaneck 1215 S-10H
 API WELL NO
 47 - 041 - 05140
 STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1254.8' WATERSHED: Middle West Fork Creek QUADRANGLE: Camden
 DISTRICT: Freemans Creek COUNTY: Lewis
 SURFACE OWNER: HG Energy II, Appalachia, LLC, et al ACREAGE: 55.00
 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) 6,790' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,266' 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

Detail 2 (1"=500')

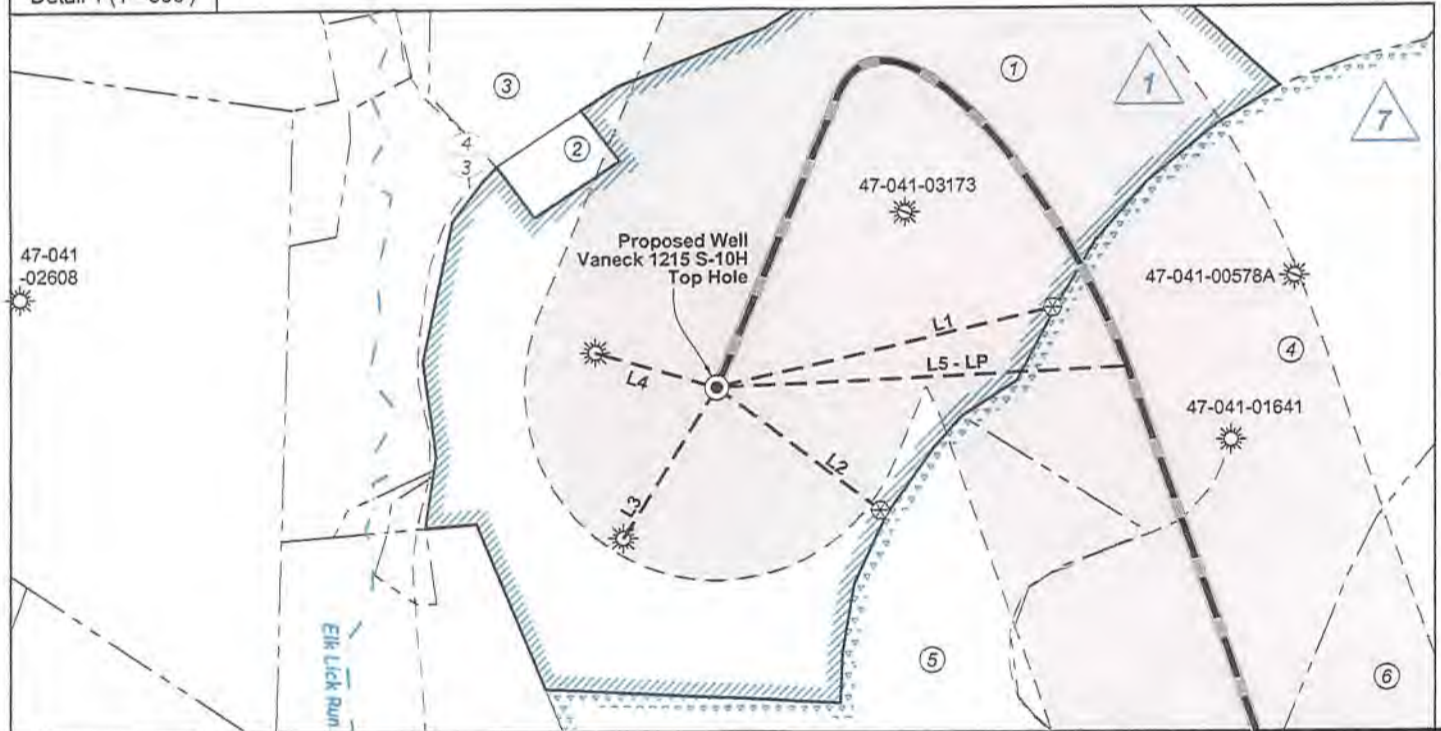


Notes:
Well No. Vaneck 1215 S-10H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,300.73'
E: 1,768,472.10'
Landing Point Coordinates
N: 14,205,351.38'
E: 1,769,537.18'
Bottom Hole Coordinates
N: 14,189,662.33'
E: 1,775,081.10'

Notes: Well No. Vaneck 1215 S-10H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'58.50" Latitude: 39°04'23.54"
Longitude: 80°32'55.29" Longitude: 80°31'32.45"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,329,784.321m N: 4,325,017.729m
E: 539,031.374m E: 541,045.800m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.

Tag	Bearing	Dist.	Description
L1	S 76°40' W	895.3'	1/2" Rebar
L2	N 53°08' W	529.8'	1/2" Rebar
L3	N 31°49' E	459.5'	47-041-02303
L4	S 73°48' E	327.9'	47-041-03100
L5	N 87°17' E	1,066.3'	Landing point

Detail 1 (1"=500')



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DATE: September 9 2022
OPERATOR'S WELL NO. Vaneck 1215 S-10H
API WELL NO
47 - 041 - 05740
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

QUADRANGLE: Camden
COUNTY: 09/23/2022
ACREAGE: 55.00

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

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PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,266' MD 6,790' TVD

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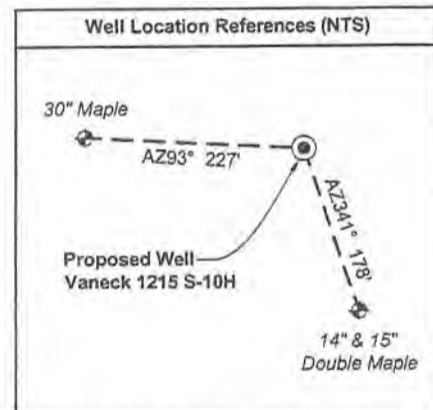
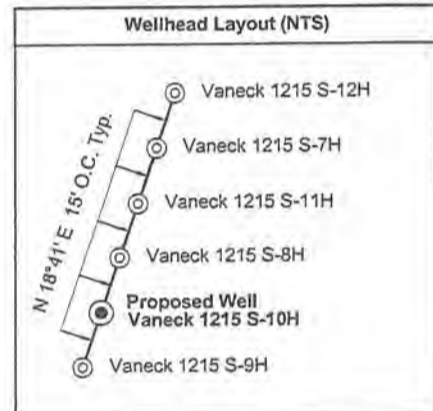
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ID	Lease
1	George W. Waggoner, et ux
7	F. White
11	Thornton Taylor, et al
13	Israel Simmons
15.1	Phillis Ann Greer, et al
15.2	Donna Jean Taylor Wilson, et al
15.3	Mike Ross, Inc., et al
16	Clark White, et ux
17	A.T. Simmons
30	Alfred Woofier, et ux
37	Ruth M. Gerstner, Attorney-in-fact for Cornelia E. Fury, et vir.

Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	5C / 29	H.G. Energy II Appalachia, LLC	765 / 894	55.00
2	5C / 28	Judith G. Piercy	F30 / 596	1.00
3	5C / 30	Woody Lumber Co. Inc.	590 / 438	140.50
4	5C / 27.2	Jack E. & Cerilda M. Waggoner	547 / 691	57.97
5	5C / 25	Raymond C. & Colona J. Waggoner	567 / 416	45.48
6	5C / 22	Linda Lou Waggoner	W33 / 157	57.76
7	5C / 22.1	Janet L. & Joseph C. Waggoner, Sr.	705 / 183	57.53
8	5C / 19	Randal D. & Martika Mick	763 / 674	78.23
9	5C / 45	Phillip E. Burnside, et al	666 / 503	121.42
10	5C / 21	Billy E. Davisson	661 / 708	54.11
11	5C / 20	Edward E. Garrett, et al	429 / 245	5.70
12	5D / 35	Edward E. Garrett, et al	429 / 245	130.47
13	5D / 21.3	Cherri A. Neth	671 / 495	4.09
14	5D / 21.2	Michelle D. Harter	671 / 396	4.00
15	5D / 21	Dawn Tomey	706 / 877	3.37
16	5D / 21.1	Rusty Wilfong (LE)	712 / 574	7.93
17	5D / 21.4	Rusty Wilfong (LE)	727 / 800	0.90
18	5D / 23	Patrick W. Halterman	F2 / 215	5.00
19	5D / 24	Jeff Quesenberry	681 / 561	2.19
20	5D / 24.1	Bruce & Pamela Morrison	503 / 169	1.18
21	5D / 19	Smoke Camp Crafts, LLC	767 / 832	124.75
22	5D / 24.2	Bruce & Pamela Morrison	503 / 169	1.63
23	5D / 25	Dorothy M. Davis	Inv173 / 846	35.75
24	5D / 36.2	Clifford B. Messenger	625 / 166	27.32
25	5D / 36	Carroll G. Gum, et al	625 / 343	9.71
26	5D / 26	Verna E. & Paul J. Heater, Jr.	561 / 371	34.80
27	5D / 33	Carroll G. Gum, et al	625 / 343	14.32
28	5D / 39.3	Janice W. Sundstrom	W41 / 517	35.09
29	5D / 33.2	Trudy D. Gum	616 / 539	0.48
30	5D / 34	Betty E. Rhoades	W35 / 524	16.90
31	5D / 33.1	Trudy D. Gum	450 / 516	1.49
32	5D / 32	Burce Garrett, et al	577 / 351	100.60
33	5D / 51.1	Tonya K. Shiver	722 / 383	1.80
34	5D / 51.4	Carl E. & Pearlina Mealey	748 / 611	1.27
35	5D / 51	Michael & Glodell Morris	621 / 412	13.55
36	5D / 31	Edward E. Garrett	334 / 565	81.27
37	5D / 30.2	Matthew R. & Linda R. Blake	603 / 372	0.62
38	5D / 30	Kathleen L. Ables	W24 / 417	3.94
39	5D / 30.1	Kathleen L. Ables	W24 / 417	3.94
40	5D / 29	Edward E. Garrett	334 / 565	70.25
41	5E / 18.2	Robert P. Snuffer	FR31 / 197	49.16
42	5E / 40	Michael G. & Laura S. Meixner	681 / 31	38.00
43	5E / 39	Ronald L. Cunningham, Jr. & Vicky A. Browning	426 / 546	34.09
44	5E / 39.1	Ronald L. Cunningham, Jr. & Vicky A. Browning	493 / 31	4.66
45	5E / 37	James E. & Edith A. Browning	486 / 387	17.88
46	5E / 34	Ronald L. Cunningham, Jr. & Vicky A. Browning	426 / 546	37.47

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.)



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09/23/2022

SUBJECT WELL
Vaneck 1215 S-10H



◆ Denotes Possible Water Supply Source to be Tested

Section of
Camden and Big Isaac
7.5' Quadrangles

SCALE 1"=1000'

09/23/2022