

HG Energy II Appalachia, LLC
Well No. Winans 1216 N-1H

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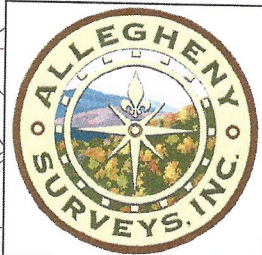
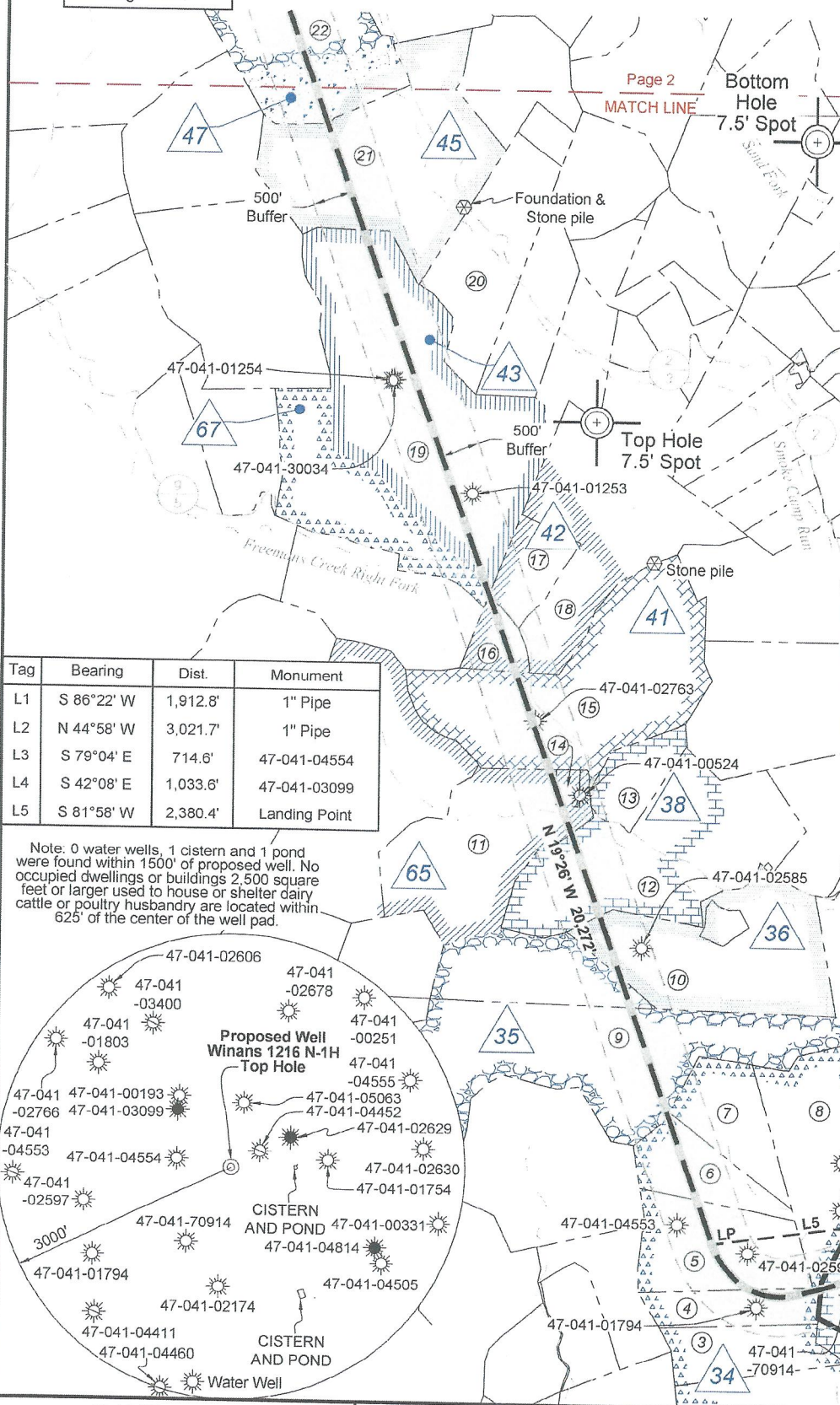
7,913' to Top Hole

5,105' to Bottom Hole
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

TOP HOLE LONGITUDE 80 - 32 - 30
BTM HOLE LONGITUDE 80 - 35 - 00

6,370' to Top Hole

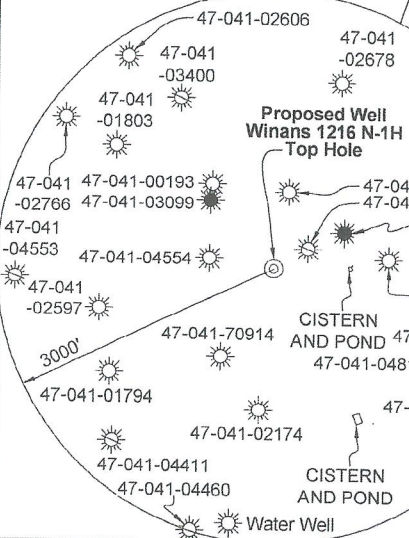
2,722' to Bottom Hole



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

Tag	Bearing	Dist.	Monument
L1	S 86°22' W	1,912.8'	1" Pipe
L2	N 44°58' W	3,021.7'	1" Pipe
L3	S 79°04' E	714.6'	47-041-04554
L4	S 42°08' E	1,033.6'	47-041-03099
L5	S 81°58' W	2,380.4'	Landing Point

Note: 0 water wells, 1 cistern and 1 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: 43-12-FC-21
DRAWING NO: Winans 1216 N-1H 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

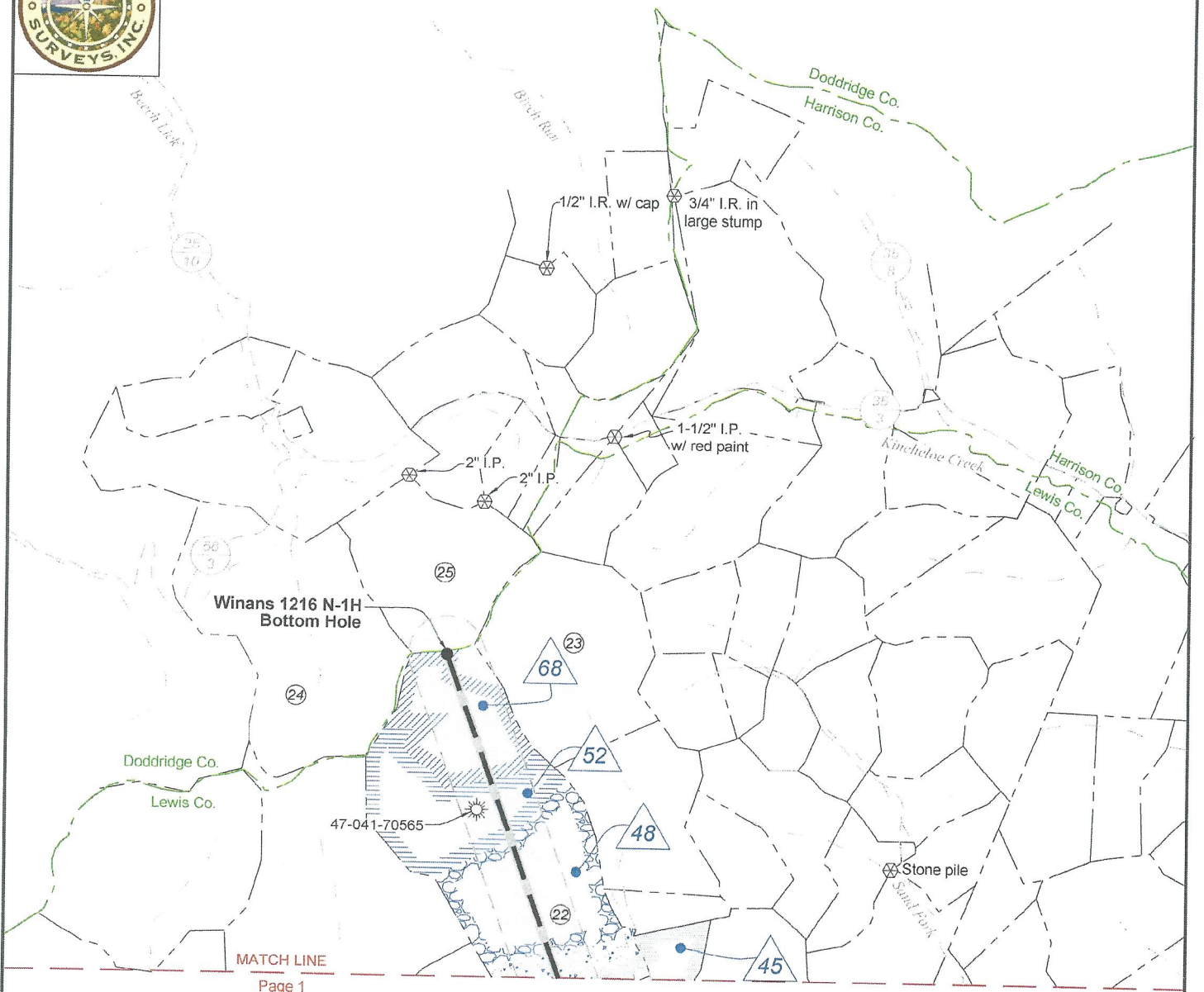
DATE: August 2 2023
OPERATOR'S WELL NO. Winans 1216 N-1H
API WELL NO
47 - 041 - 05153
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek
DISTRICT: Freemans Creek
SURFACE OWNER: Stephen B. Winans
ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: ACREAGE: 123
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: 7,175' TVD 29,012' MD

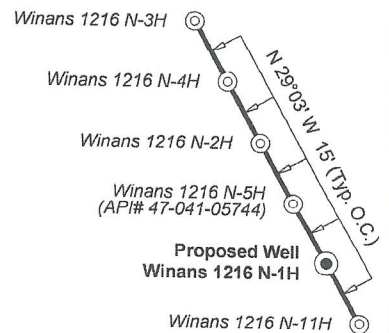
WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road Parkersburg, WV 26101
DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road Parkersburg, WV 26101

Top: Camden
Btm: Big Isaac
COUNTY: Lewis
ACREAGE: 10/06/2023



MATCH LINE
Page 1

Wellhead Layout (NTS)



Notes: Well No. Winans 1216 N-1H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,202,087.58'
E: 1,762,568.04'
Landing Point Coordinates
N: 14,201,754.63'
E: 1,760,211.04'
Bottom Hole Coordinates
N: 14,220,864.56'
E: 1,753,469.86'

Notes: Well No. Winans 1216 N-1H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'27.02" Latitude: 39°09'33.09"
Longitude: 80°34'10.42" Longitude: 80°36'04.83"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,328,804.952m N: 4,334,528.187m
E: 537,231.813m E: 534,458.682m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Well Location References
Not to Scale

Winans 1216 North Pad
Oak (Blazed) \odot AZ351° 326'
Proposed Well Winans 1216 N-1H \odot AZ165° 503'
Maple (Blazed) \odot

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DATE: August 2 2023
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47 - 041 - 05753
STATE COUNTY PERMIT

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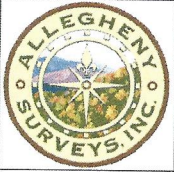
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Top: Camden
Bottom: Big Isaacs
QUADRANGLE: Lewis
COUNTY: Lewis
ACREAGE: 10/06/2023
LEASE NO: _____ ACREAGE: 123

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4704105753



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
34	J.P. Hull
35	W.J. Woofter, et ux
36	Charles Woofter, et ux
38	W.C. Cumpston, et ux, et al
41	Frances E. Straley, et al
42	J.A. Riffe, et ux, et al
43	Charles E. Gum
45	J.S. Hitt, et ux
47	J.S. Hitt, et ux
48	Delphia Garrett, et vir, et al
52	Delphia Garrett, et vir, et al
61	William & Mary Winans
65	A.H. Kemper, et ux
67	Charles E. Gum
68	The C.M. Garrett Trust

Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	4C / 21	Stephen B. Winans	630 / 50	45.00
2	4C / 31	Gerald P. Hull	W18 / 661	199.25
3	4D / 68	Robert & Brenda McKinley	777 / 635	29.75
4	4D / 70	Robert & Brenda McKinley	777 / 639	23.50
5	4C / 18	Robert & Brenda McKinley	777 / 635	52.80
6	4C / 17	Jeremy H. Bennett	602 / 716	29.25
7	4C / 16	Robert & Brenda McKinley	777 / 635	32.00
8	4C / 22	Robert & Brenda McKinley	777 / 635	74.00
9	4C / 10	Ricky Barnes, et al	598 / 747	294.98
10	4C / 15	Steven C. & Elizabeth A. Holden	512 / 270	90.25
11	4C / 13	Shirley Taylor, et al	FID / - - -	79.04
12	4C / 14	Roy A. & Kimberly J. Fisher	467 / 259	106.00
13	4C / 14.2	Larry Cutright	558 / 33	20.00
14	4C / 13.1	Robert E. Cutright	526 / 695	3.23
15	4C / 35	Nancy N. & Thomas M. Salvetti	783 / 902	124.88
16	4B / 14.2	Nancy N. & Thomas M. Salvetti	701 / 196	11.00
17	4B / 14.1	Robert & Melissa Swiger, et al	740 / 478	20.00
18	4B / 14	Martin E. McHenry, et al	739 / 3	111.74
19	4B / 6	Jacob & Laura K. Johnson	622 / 33	240.15
20	4B / 9	James J. Hitt Trust	674 / 376	68.00
21	4B / 7	James J. Hitt Trust	674 / 379	96.23
22	4A / 10	David N. Hitt	723 / 640	225.00
23	4A / 5	Edward E. Garrett, et al	429 / 245	109.00
Doddridge Co. (Greenbrier Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
24	17 / 5	Wayne A. Gorby	436 / 333	158.46
25	17 / 13	Wayne A. Gorby	436 / 333	84.04

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