

HG Energy II Appalachia, LLC
Well No. Winans 1216 N-3H

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Page 2
MATCH LINE

7,942' to Top Hole

Bottom Hole 7.5' Spot
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

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

341' to Bottom Hole
6,318' to Top Hole

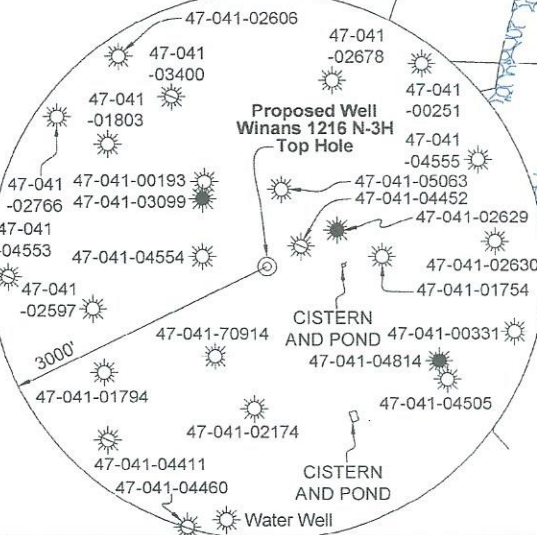


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070

Tag	Bearing	Dist.	Monument
L1	S 87°58' W	1,939.2'	1" Pipe
L2	N 44°39' W	3,079.4'	1" Pipe
L3	S 82°58' E	677.6'	47-041-04554
L4	S 42°56' E	975.3'	47-041-03099
L5	N 04°10' E	448.2'	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-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

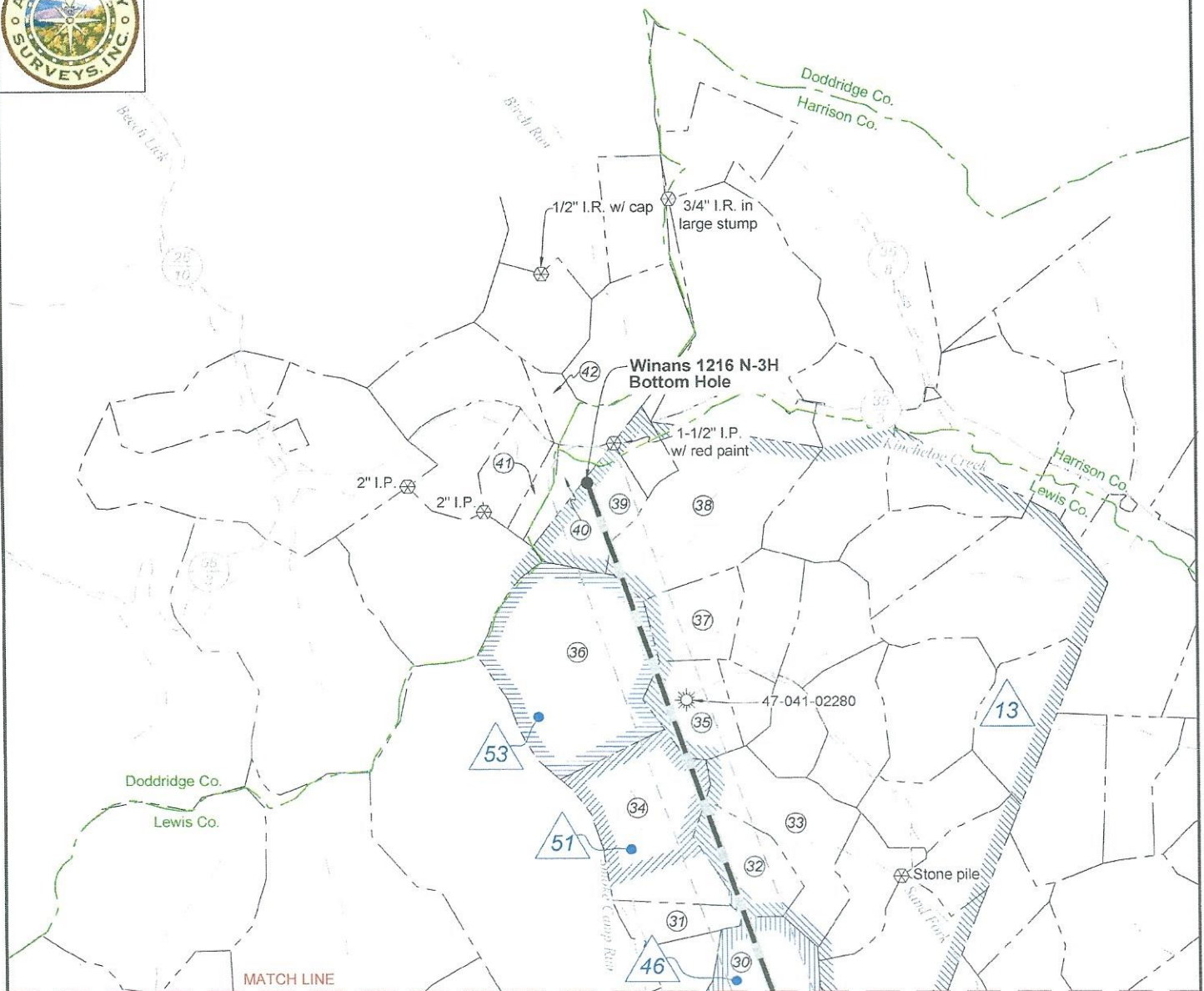
DATE: August 2 2023
OPERATOR'S WELL NO. Winans 1216 N-3H
API WELL NO
47 - 041 - 05747
STATE COUNTY PERMIT

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

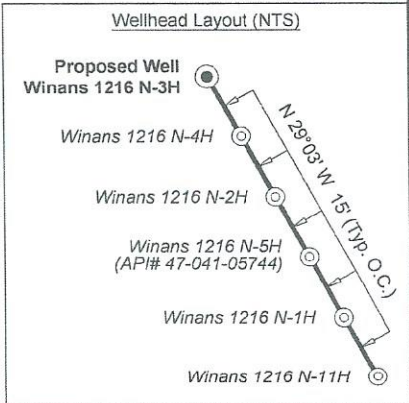
LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek QUADRANGLE: Top: Camden Btm: Big Isaac
DISTRICT: Freemans Creek COUNTY: Lewis
SURFACE OWNER: Stephen B. Winans ACREAGE: 09/29/2023
ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: ACREAGE: 123

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,175' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 29,756' 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



MATCH LINE
Page 1



Notes: Well No. Winans 1216 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,202,140.01'
E: 1,762,538.92'
Landing Point Coordinates
N: 14,202,587.03'
E: 1,762,571.44'
Bottom Hole Coordinates
N: 14,223,253.18'
E: 1,755,274.67'

Notes: Well No. Winans 1216 N-3H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'27.54" Latitude: 39°09'56.63"
Longitude: 80°34'10.79" Longitude: 80°35'41.77"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,328,820.933m N: 4,335,256.240m
E: 537,222.937m E: 535,008.789m
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) AZ355° 270'

Proposed Well
Winans 1216 N-3H AZ163° 562'

Maple (Blazed)

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47 — 041 — 65747
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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
3	Minor J. Hall, et ux
5	Lee Woofter
6	I.E. Waggoner, et ux
8	Alexander Brown, et ux
9	J.A. Riffée, et ux, et al
10	Mary J. McConkey, et vir, et al
13	W. Brent Maxwell, et al
34	J.P. Hull
35	W.J. Woofter, et ux
36	Charles Woofter, et ux
37	J.L. Straley
40	T.L. Straley, et ux, et al
41	Frances E. Straley, et al
44	Will E. Morris, et ux, et al
46	C.M. Garrett, et ux
51	L.G. Garrett
53	HG Energy, LLC, et al
61	William & Mary Winans
62	Boyd Gum, et ux

Lewis Co. (Freemans Creek Dist.)

No.	TM / Par	Owner	Bk / Pg	Ac.
1	4C / 21	Stephen B. Winans	630 / 50	45.00
2	4C / 22	Robert & Brenda McKinley	777 / 635	74.00
3	4C / 31	Gerald P. Hull	W18 / 661	199.25
4	4C / 30.1	Faye Isabella	654 / 202	36.88
5	4C / 23	Jason E. & Amy L. Hunt	627 / 224	76.25
6	4C / 10	Ricky Barnes, et al	598 / 747	294.98
7	4C / 15	Steven C. & Elizabeth A. Holden	512 / 270	90.25
8	4C / 25.2	Clara M. Sweeney, et al	573 / 424	0.04
9	4C / 25.3	Christopher N. Hitt, et al	781 / 435	1.26
10	4C / 25	David N. Hitt	732 / 27	44.21
11	4C / 14.1	Lewis County BOE	19 / 6	0.02
12	4C / 14	Roy A. & Kimberly J. Fisher	467 / 259	106.00
13	4C / 33	Crystal M. Mick	713 / 935	92.75
14	4C / 35	Nancy N. & Thomas M. Salvetti	783 / 902	124.88
15	4B / 17	Clarence O. Ferguson	552 / 612	96.50
16	4B / 14	Martin E. McHenry, et al	739 / 3	111.74
17	4B / 21	Karl H. & Theresa B. Skaggs, et al	712 / 704	24.00
18	4B / 22	Karl H. & Theresa B. Skaggs, et al	712 / 704	25.75
19	4B / 23	Karl H. & Theresa B. Skaggs, et al	712 / 704	26.00
20	4B / 13	Robert J. Bennett	W25 / 121	8.00
21	4B / 26	Robert J. Bennett	W25 / 121	16.67
22	4B / 12	Edward E. Garrett, et al	429 / 245	30.00
23	4B / 11	Edward E. Garrett, et al	429 / 245	30.00
24	4B / 31	Robert J. Bennett	W25 / 121	29.75
25	4B / 28	Robert J. Bennett	W25 / 121	19.78
26	4B / 29	Evan S. Bennett	736 / 327	35.72
27	4B / 9	James J. Hitt Trust	674 / 376	68.00
28	4B / 8	Edward E. Garrett, et al	429 / 245	7.50
29	4B / 7	James J. Hitt Trust	674 / 379	96.23
30	4B / 46	Edward E. Garrett, et al	429 / 245	30.33
31	4A / 11	Delphia Garrett Heirs	632 / 245	15.25
32	4A / 21	Edward E. Garrett, et al	429 / 245	27.75
33	4A / 22	John W. Morgan	601 / 74	48.21
34	4A / 9	Edward E. Garrett, et al	429 / 245	69.00
35	4A / 8	Edward E. Garrett, et al	429 / 245	26.00
36	4A / 5	Edward E. Garrett, et al	429 / 245	109.00
37	4A / 6	Melvin James, et al	FID / - - -	26.25
38	4A / 2	Haven Sullivan	789 / 834	81.23
39	4A / 3	Michael L. Small, et al	558 / 15	30.00
40	4A / 4	Michael L. Small, et al	558 / 15	11.60
Doddridge Co. (Greenbrier Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
41	17 / 12.1	Michael L. Small, et al	243 / 592	6.20
42	17 / 9.1	Hayward & Jane Phillips	425 / 36	24.00

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