

HG Energy II Appalachia, LLC
Well No. Winans 1216 N-4H MOD

Page 1 of 4

7,935' to Top Hole

2,814' to Bottom Hole

TOP LATITUDE 39 - 07 - 30

BTM LATITUDE 39 - 12 - 30

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

6,331' to Top Hole

13,050' to Bottom Hole

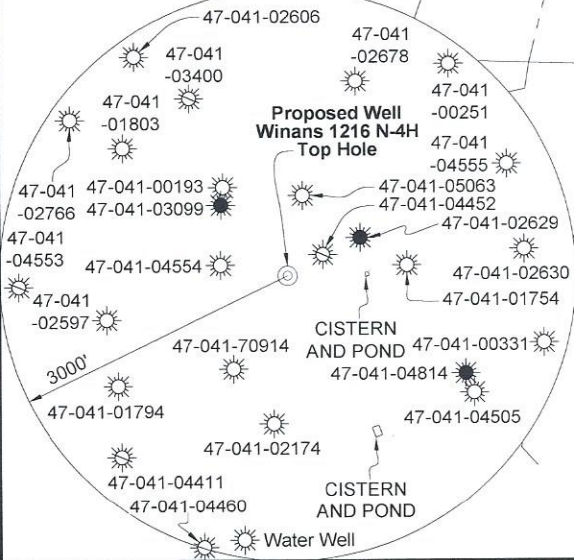


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

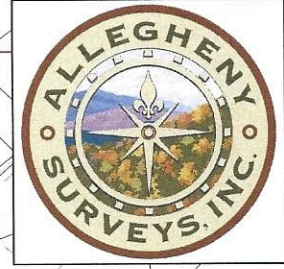
Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070

Tag	Bearing	Dist.	Monument
L1	S 87°34' W	1,932.5'	1" Pipe
L2	N 44°44' W	3,065.0'	1" Pipe
L3	S 81°57' E	686.6'	47-041-04554
L4	S 42°44' E	989.9'	47-041-03099
L5	N 53°58' E	1,488.4'	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.



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MAR 18 2024
WV Department of Environmental Protection



FILE NO: 43-12-FC-21
DRAWING NO: Winans 1216 N-4H 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: January 24 2024
OPERATOR'S WELL NO. Winans 1216 N-4H
API WELL NO
47 - 041 - 05748
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
ACREAGE: 45.00

SURFACE OWNER: Stephen B. Winans

ROYALTY OWNER: Elaina D. Yanceris, et al, et al

LEASE NO: ACREAGE: 123

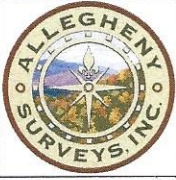
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Bottom Hole MOD 7,175' TVD

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 32,126' 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

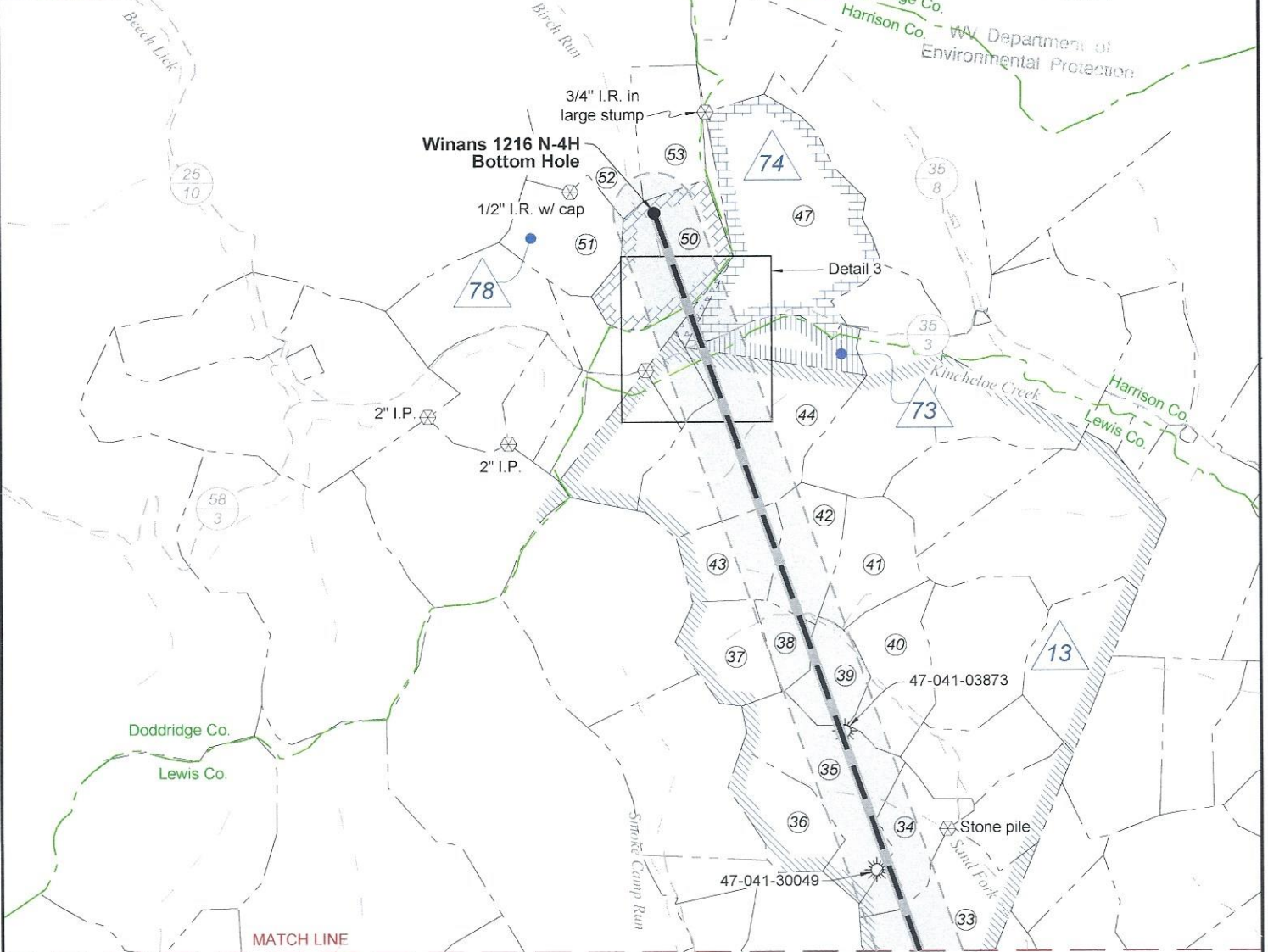
04/05/2024



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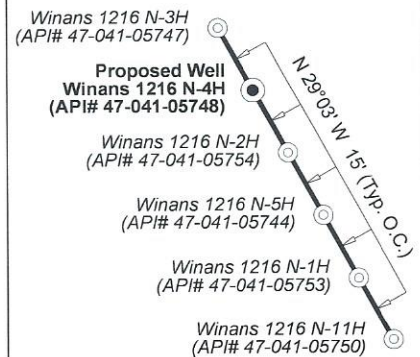
WV Department of
Environmental Protection



MATCH LINE

Page 1

Wellhead Layout (NTS)



Notes: Well No. Winans 1216 N-4H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,202,126.91'
E: 1,762,546.20'
Landing Point Coordinates
N: 14,203,002.60'
E: 1,763,749.79'
Bottom Hole Coordinates
N: 14,225,716.69'
E: 1,755,738.67'

Notes: Well No. Winans 1216 N-4H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°06'27.41" Latitude: 39°10'20.97"
Longitude: 80°34'10.69" Longitude: 80°35'35.74"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,328,816.940m N: 4,336,007.119m
E: 537,225.156m E: 535,150.217m
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



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Bottom: Big Isaac
QUADRANGLE:

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LEASE NO: _____ ACREAGE: 123

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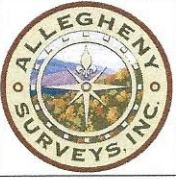
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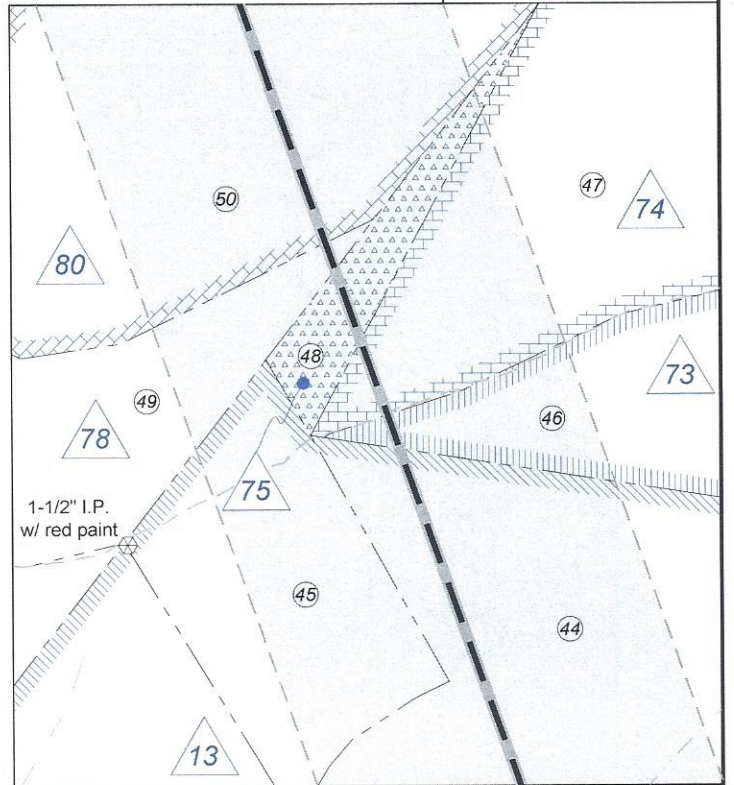
Parkersburg, WV 26101

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04/05/2024



Detail 3 (Scale 1"=500')

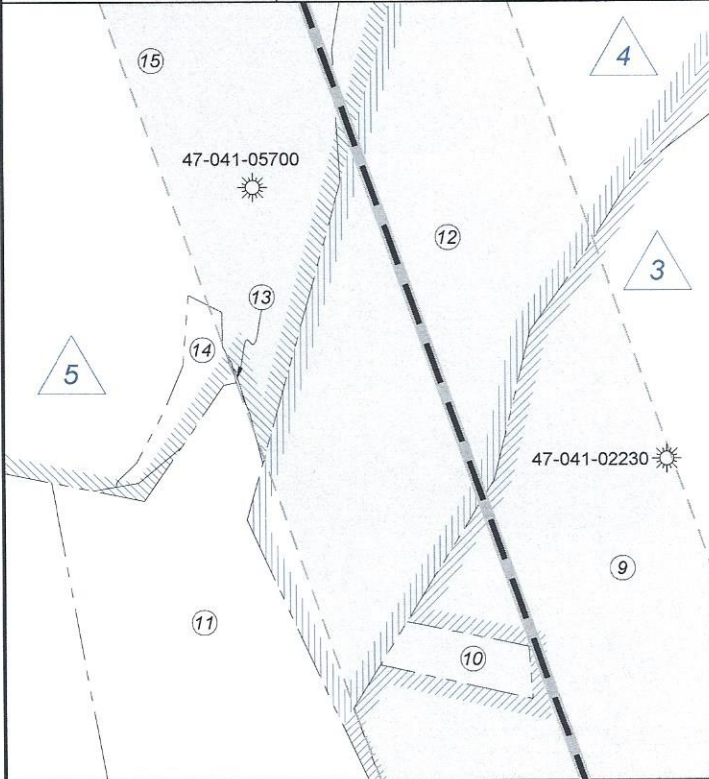


Legend

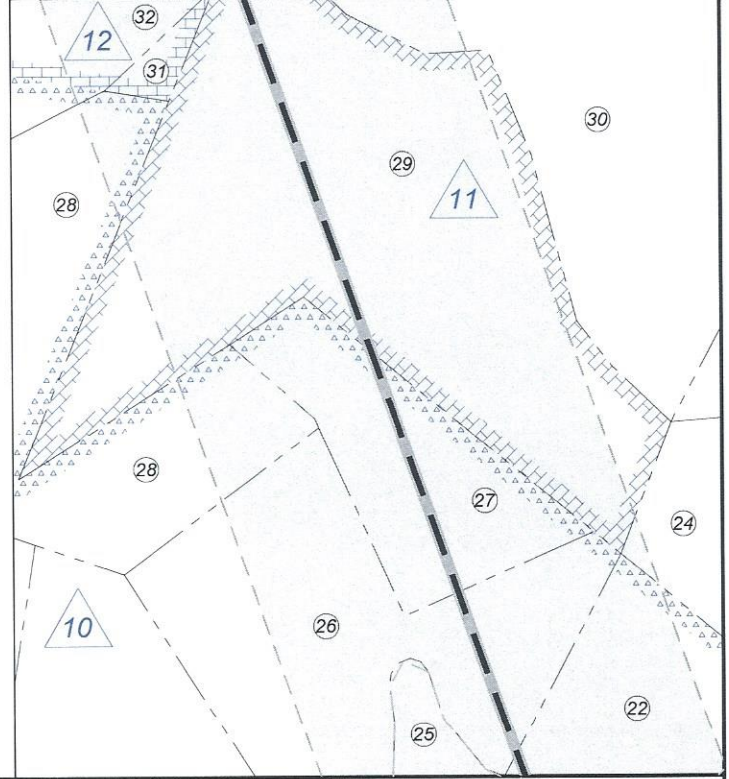
- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digitized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)

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Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



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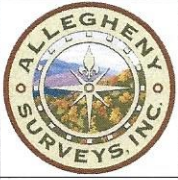
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ACREAGE: 45.00

ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: ACREAGE: 123

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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	5C / 15.1	Gerald P. & Mary J. Hull	439 / 253	6.93
5	4C / 30.1	Faye Isabella	654 / 202	36.88
6	4C / 34	Robert E. & Pamela L. Thompson	519 / 627	38.00
7	4C / 29	H.G. Energy II Appalachia, LLC	780 / 456	0.33
8	4C / 28	H.G. Energy II Appalachia, LLC	780 / 456	6.67
9	4C / 23	Jason E. & Amy L. Hunt	627 / 224	76.25
10	4C / 24	Mt. Zion Baptist Church	- - - / - - -	1.00
11	4C / 10	Ricky Barnes, et al	598 / 747	294.98
12	4C / 26	Charles R. Bailey	W52 / 730	44.20
13	4C / 10.1	David N. Hitt	723 / 640	0.02
14	4C / 25.3	Christopher N. Hitt, et al	781 / 435	1.26
15	4C / 25	David N. Hitt	732 / 27	44.21
16	4C / 33	Crystal M. Mick	713 / 935	92.75
17	4B / 17	Clarence O. Ferguson	552 / 612	96.50
18	4B / 19	Robert J. Bennett	W25 / 121	12.28
19	4B / 20	Robert J. Bennett	W25 / 121	15.50
20	4B / 21	Karl H. & Theresa B. Skaggs, et al	712 / 704	24.00
21	4B / 22	Karl H. & Theresa B. Skaggs, et al	712 / 704	25.75
22	4B / 23	Karl H. & Theresa B. Skaggs, et al	712 / 704	26.00
23	4B / 14	Martin E. McHenry, et al	739 / 3	111.74
24	4B / 25	Sue E. Hall, et al	556 / 536	20.00
25	4B / 26.1	Karl H. Skaggs, et al	W54 / 490	4.33
26	4B / 26	Robert J. Bennett	W25 / 121	16.67
27	4B / 27	Robert J. Bennett	W25 / 121	7.00
28	4B / 28	Robert J. Bennett	W25 / 121	19.78
29	4B / 31	Robert J. Bennett	W25 / 121	29.75
30	4B / 32	Larry K. Coffindaffer, et al	W45 / 431	60.00
31	4B / 30	Robert J. Bennett	W25 / 121	0.75
32	4B / 29	Evan S. Bennett	736 / 327	35.72
33	4B / 47	John W. Morgan	502 / 152	56.50
34	4A / 20	John W. Morgan	601 / 74	27.63
35	4A / 22	John W. Morgan	601 / 74	48.21
36	4A / 21	Edward E. Garrett, et al	429 / 245	27.75
37	4A / 8	Edward E. Garrett, et al	429 / 245	26.00
38	4A / 7	Ed Broome, Inc.	548 / 492	11.00
39	4A / 23	Gary W. Flint	461 / 107	18.75
40	4A / 24	John W. Morgan	601 / 74	29.25
41	4A / 25	Gary W. Flint	461 / 107	27.25
42	4A / 6.1	Kathryn Carpenter, et al	559 / 414	26.25
43	4A / 6	Melvin James, et al	FID / - - -	26.25
44	4A / 2	Haven Sullivan	789 / 834	81.23
45	4A / 3.1	Ed Broome, Inc., et al	548 / 459	10.50
46	4A / 1.1	Haven Sullivan	789 / 834	21.41
Harrison Co. (Union-Outside Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
47	421 / 2	Gregory A. Robertson	1607 / 798	103.13
48	421 / 1	Terry Morgan, et al	W156 / 853	3.18
Doddridge Co. (Greenbrier Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
49	17 / 9.1	Hayward & Jane Phillips	425 / 36	24.00
50	17 / 10	Carol J. Snow	167 / 4	44.83
51	17 / 6	Carol J. Snow	167 / 1	35.00
52	14 / 47	Dunn Foundation WW	252 / 668	310.86
53	14 / 49	Carol J. Snow	167 / 4	28.00

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ID	Lease
3	Minor J. Hall, et ux
4	Mary M. Bailey, et al
5	Lee Woofter
6	I.E. Waggoner, et ux
8	Alexander Brown, et ux
10	Mary J. McConkey, et vir, et al
11	S.E. Bennett, et ux
12	Ella Bennett, et vir
13	W. Brent Maxwell, et al
61	William & Mary Winans
62	Boyd Gum, et ux
73	Charmian L. Bulley, et al
74	Elva Kost, et al
75	CNX Gas Company, LLC
78	Teresa Gale (Freeman) Oakes, et al
80	Joan Snow, et al

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