

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

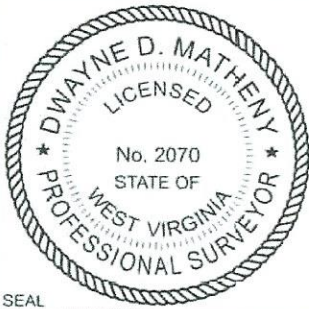
Page 1 of 4

2,236' to Bottom Hole

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

TOP HOLE LONGITUDE 80 - 32 - 30.00
BTM HOLE LONGITUDE 80 - 35 - 00

Page 2
MATCH LINE

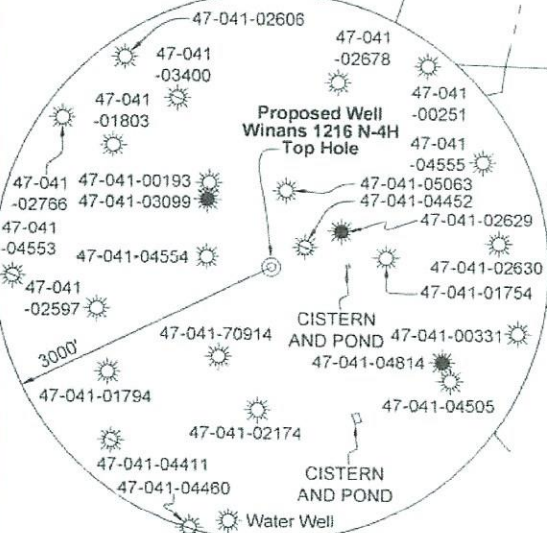


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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.



Proposed Well Winans 1216 N-4H Top Hole

Proposed Well Winans 1216 N-4H Top Hole

Bottom Hole 7.5' Spot

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: August 1, 2023
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
DISTRICT: Freemans Creek
SURFACE OWNER: Stephen B. Winans
ROYALTY OWNER: Elaina D. Yanceris, et al, et al

Top: Camden
Btm: Big Isaacs
QUADRANGLE:
COUNTY: Lewis
ACREAGE: 123

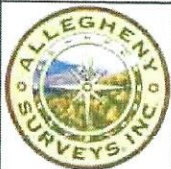
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Bottom Hole MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 30,367' MD

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

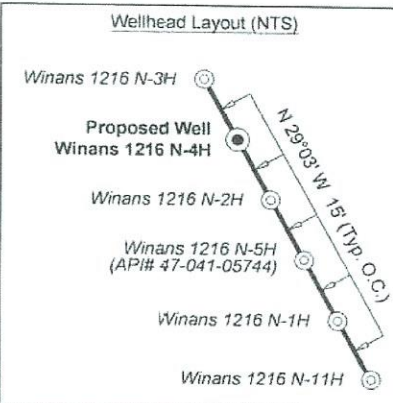
6,331' to Top Hole

14,711' to Bottom Hole

7,935' to Top Hole

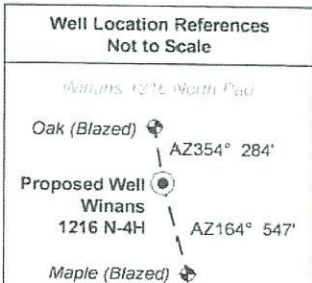


MATCH LINE
Page 1



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 14,203,002.58'
E 1,763,749.79'
Bottom Hole Coordinates
N 14,224,058.46'
E 1,756,323.69'

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°10'04.54"
Longitude: 80°34'10.69" Longitude: 80°35'28.40"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,328,816.940m N: 4,335,501.690m
E: 537,225.156m E: 535,328.531m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



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DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

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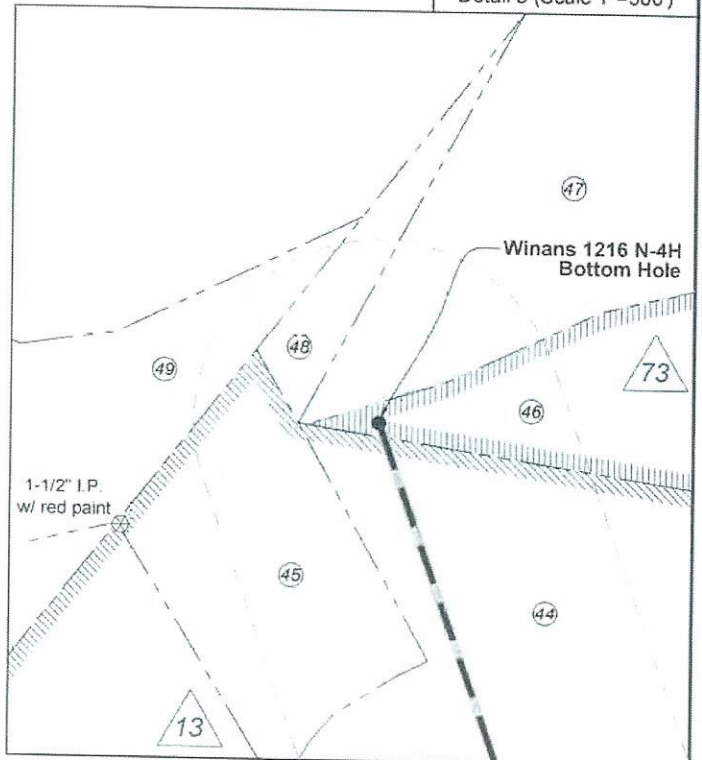
LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek QUADRANGLE: Top: Camden Btm: Big Isaac
DISTRICT: Freemans Creek COUNTY: Lewis
SURFACE OWNER: Stephen B. Winans ACREAGE: 12.9
ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: _____ ACREAGE: 123

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: 30,367' MD

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ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



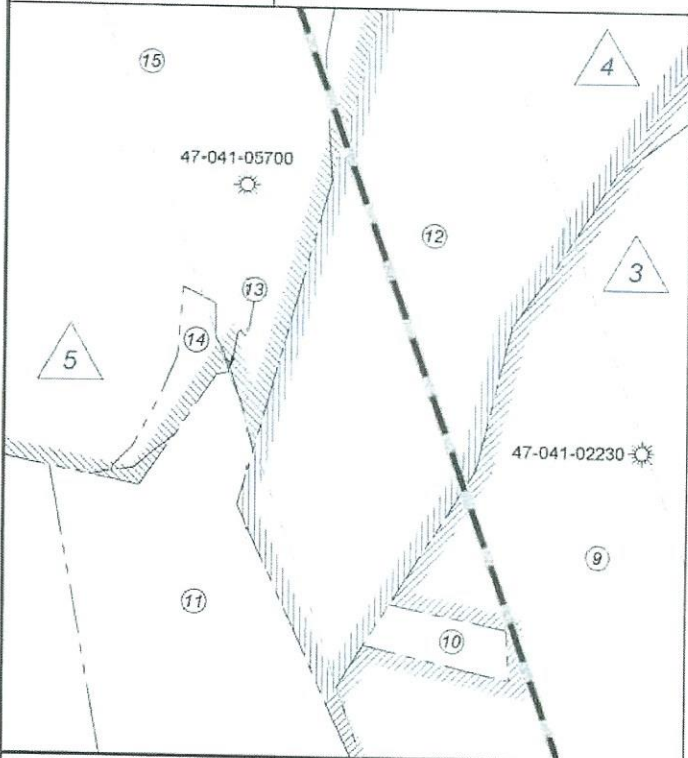
Detail 3 (Scale 1"=500')



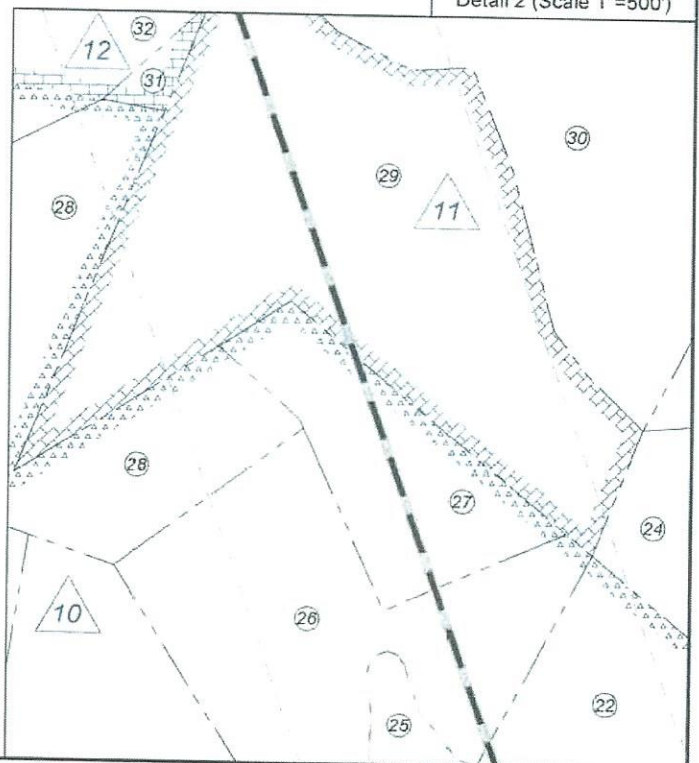
Legend

- 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.)

Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



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Top: Camden
Bottom: Big Isaac
QUADRANGLE:

COUNTY: Lewis

ACREAGE: 09/29/2023

ACREAGE: 123

WELL OPERATOR: HG Energy II Appalachia, LLC

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road
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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	W158 / 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

ID	Lease
3	Minor J. Hall, et ux
4	Mary M. Bailey, et al
5	Lee Woofier
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

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