

HG Energy II Appalachia, LLC  
Well No. Winans 1216 N-5H MOD

Page 1 of 3

Page 2  
MATCH LINE

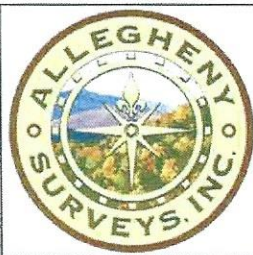
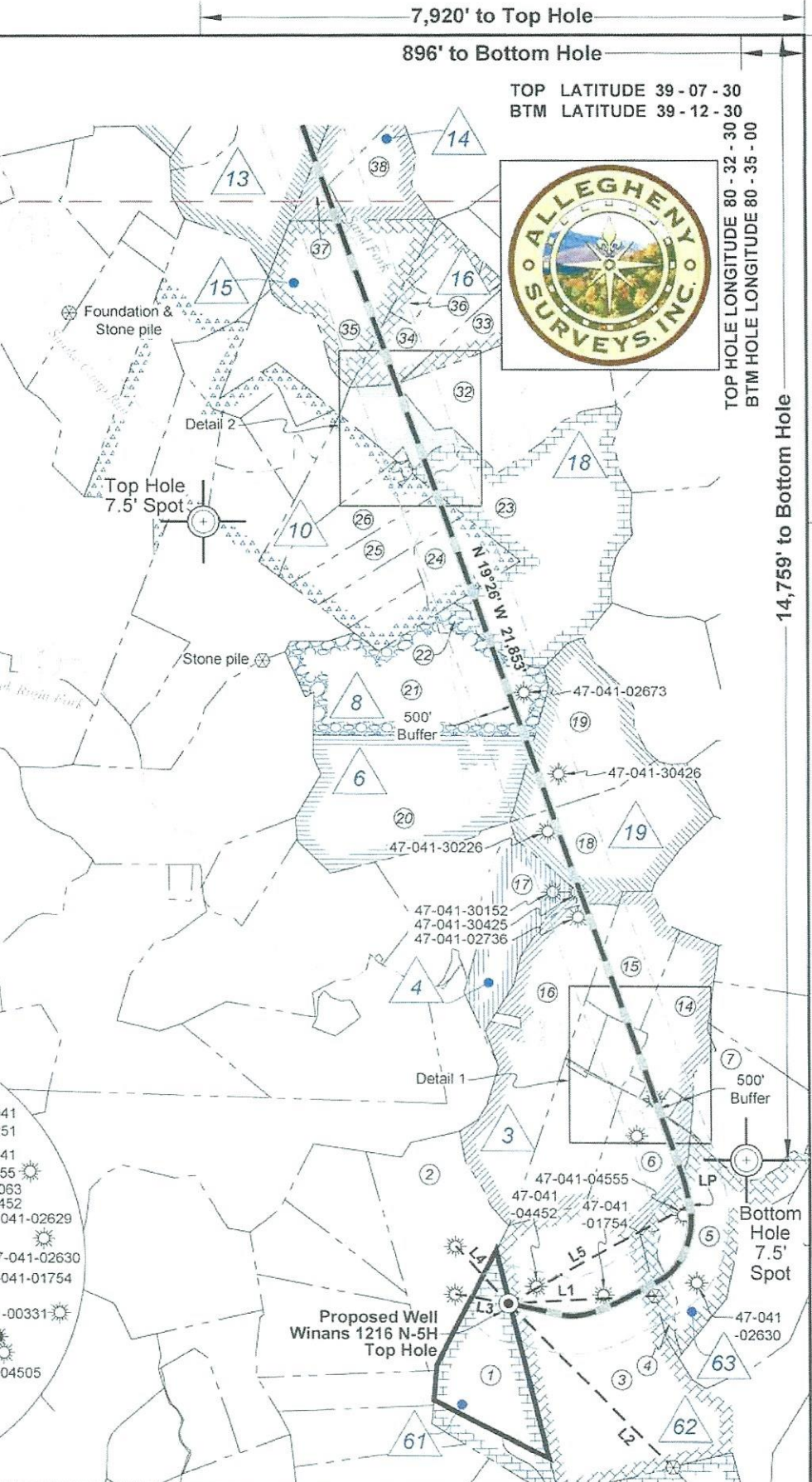
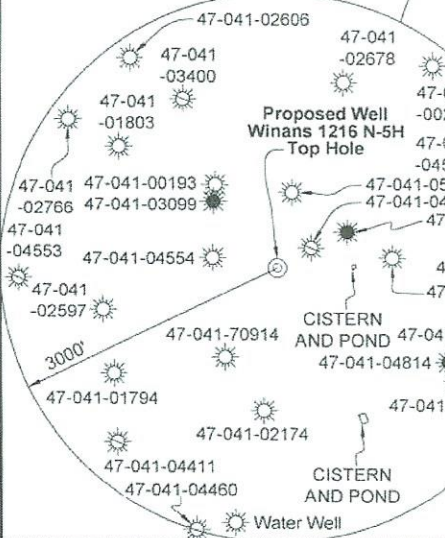


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

Tag	Bearing	Dist.	Monument
L1	S 86°46' W	1,919.2'	1" Pipe
L2	N 44°53' W	3,036.1'	1" Pipe
L3	S 80°00' E	705.1'	47-041-04554
L4	S 42°20' E	1,019.0'	47-041-03099
L5	N 60°54' E	2,709.7'	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.



TOP LATITUDE 39 - 07 - 30  
BTM LATITUDE 39 - 12 - 30  
TOP HOLE LONGITUDE 80 - 32 - 30  
BTM HOLE LONGITUDE 80 - 35 - 00

14,759' to Bottom Hole

6,357' to Top Hole

FILE NO: 43-12-FC-21  
DRAWING NO: Winans 1216 N-5H 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: July 27 2023  
OPERATOR'S WELL NO. Winans 1216 N-5H  
API WELL NO  
47 - 041 - 05744  
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: 123  
ROYALTY OWNER: Elaina D. Yanceris, et al, et al LEASE NO: ACREAGE: 123

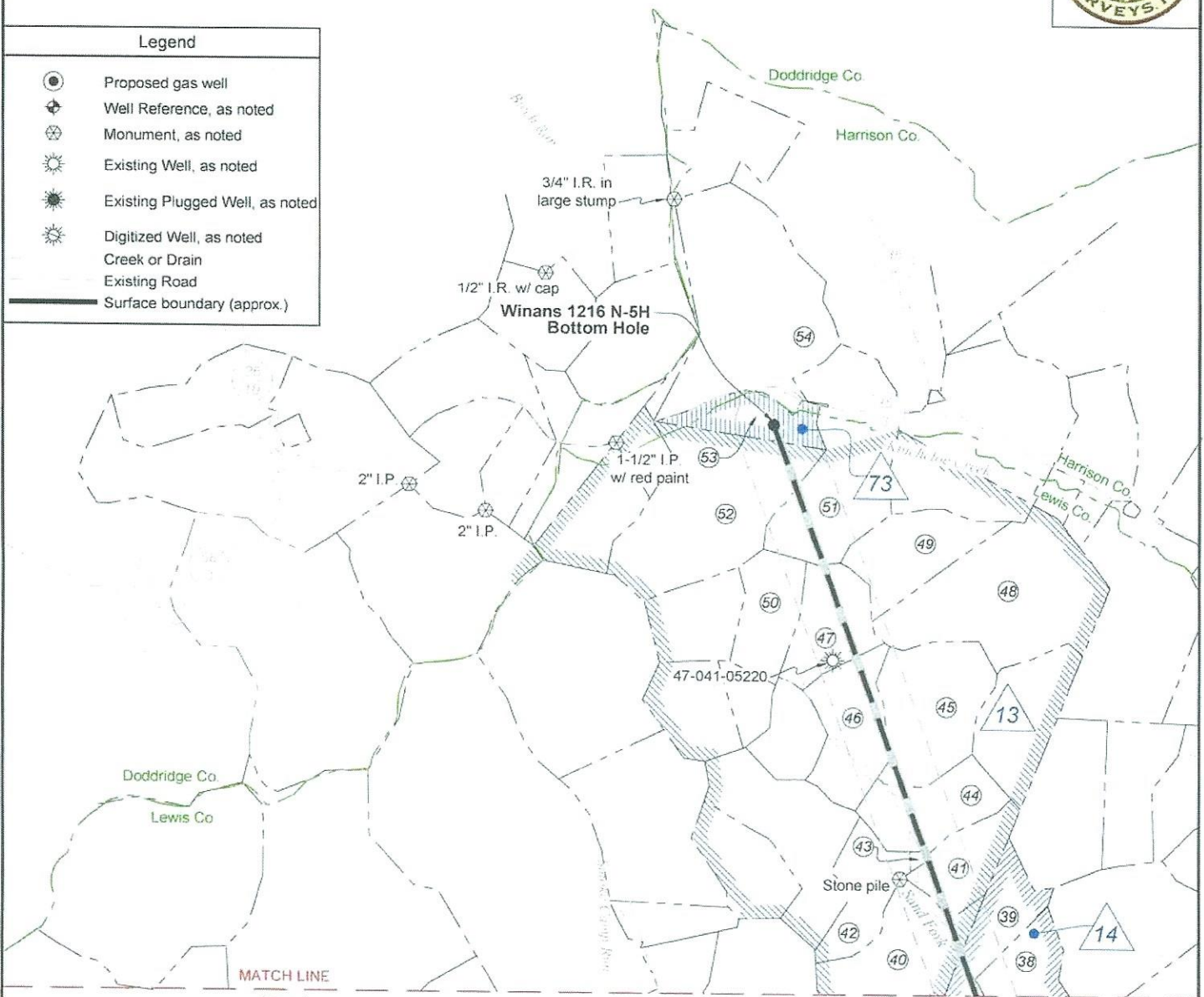
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Bottom Hole MOD 7,175' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 30,547' MD

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



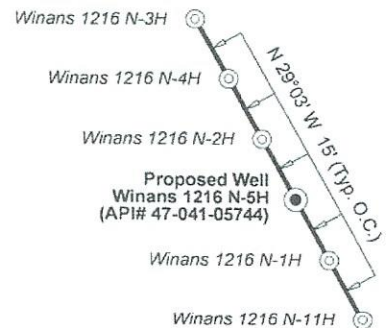
Legend

- 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.)



Page 1

Wellhead Layout (NTS)



Notes: Well No. Winans 1216 N-5H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,202,100.69'  
E: 1,762,560.76'  
Landing Point Coordinates  
N: 14,203,418.26'  
E: 1,764,928.52'  
Bottom Hole Coordinates  
N: 14,224,016.65'  
E: 1,757,863.37'

Notes: Well No. Winans 1216 N-5H  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°06'27.15" Latitude: 39°10'04.07"  
Longitude: 80°34'10.51" Longitude: 80°35'11.39"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,328,808.948m N: 4,335,488.946m  
E: 537,229.594m E: 535,736.867m  
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 Plat

Oak (Blazed) ↖ AZ351° 312'

Proposed Well Winans 1216 N-5H ↘ AZ164° 518'

Maple (Blazed) ↙

FILE NO: 43-12-FC-21  
DRAWING NO: Winans 1216 N-5H 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: July 27 2023  
OPERATOR'S WELL NO. Winans 1216 N-5H  
API WELL NO  
47 - 041 - 05744  
STATE COUNTY PERMIT

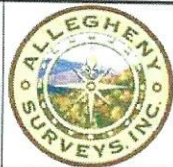
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

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) Bottom Hole MOD 7,175' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 30,547' MD

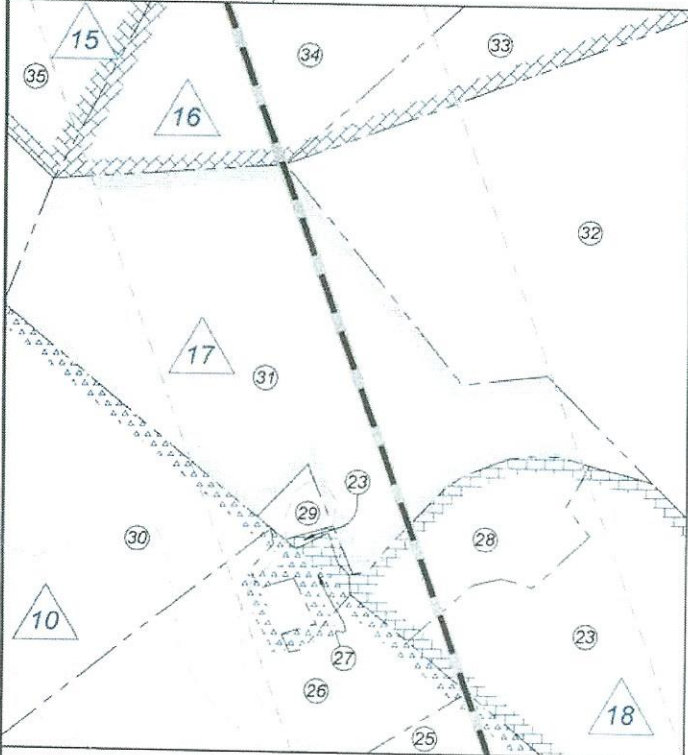
Top: Camden  
Bottom: Big Isaac  
QUADRANGLE: COUNTY: Lewis  
ACREAGE: 09/08/2023

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

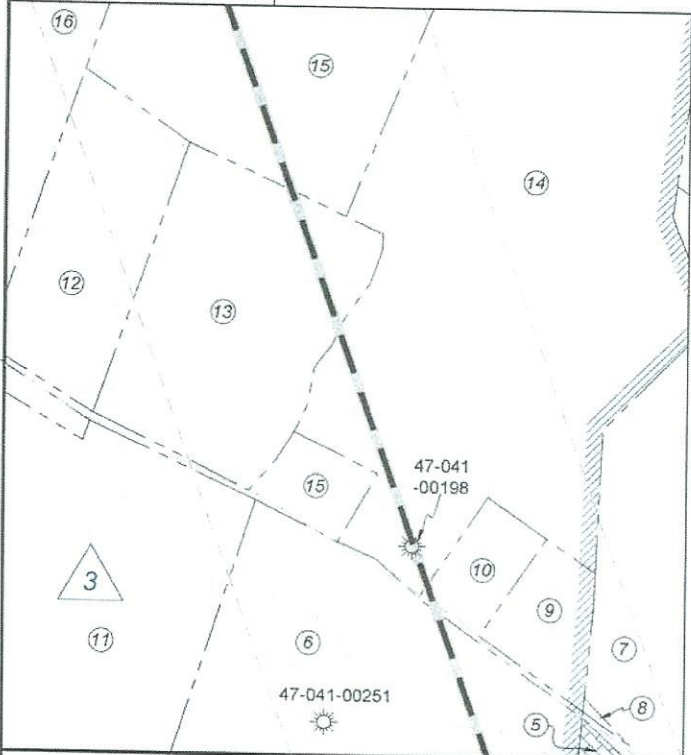


ID	Lease
3	Minor J. Hall, et ux
4	Mary M Bailey, et al
6	I.E. Waggoner, et ux
8	Alexander Brown, et ux
10	Mary J. McConkey, et vir, et al
13	W. Brent Maxwell, et al
14	Hunter M. Bennett, Executor & Trustee of Alice B.
15	C.A. Coffindaffer, et al
16	Hunter M. Bennett, et ux
17	C.M. Garrett, et ux
18	J.R.H. Straley, et ux
19	Sarepta Nutter
61	William & Mary Winans
62	Boyd Gurn, et ux
63	M.J. Burnside, et ux
73	Charmian L. Bulley, et al

Detail 2 (Scale 1"=500')



Detail 1 (Scale 1"=500')



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	5C / 15	Robert E. & Pamela L. Thompson	519 / 627	60.82
6	4C / 34	Robert E. & Pamela L. Thompson	519 / 627	38.00
7	5C / 10	Stephen & Sherry Marsh	631 / 742	55.69
8	5C / 10.3	Ashley N. Stevens	774 / 566	0.06
9	5C / 9.1	Ashley N. Stevens	774 / 566	1.89
10	5C / 9.2	Nancy R. Blankenbarker, et al	748 / 30	1.43
11	4C / 30.1	Faye Isabella	654 / 202	36.88
12	4C / 28	H.G. Energy II Appalachia, LLC	780 / 456	6.67
13	4C / 32	H.G. Energy II Appalachia, LLC	780 / 456	9.77
14	5C / 9	Jason E. & Amy L. Hunt	792 / 700	37.96
15	4C / 30	Jason E. & Amy L. Hunt	792 / 700	26.96
16	4C / 23	Jason E. & Amy L. Hunt	627 / 224	76.25
17	4C / 26	Charles R. Bailey	W52 / 730	44.20
18	4C / 27	Jeremy B. & Rebecca K. Day	726 / 592	56.50
19	4B / 42	Steven E. Chumney	776 / 131	56.50
20	4C / 33	Crystal M. Mick	713 / 935	92.75
21	4B / 17	Clarence O. Ferguson	552 / 612	96.50
22	4B / 18	Raymond D. Workman	F29 / 428	3.53
23	4B / 40	Curtis G. Ferguson	552 / 449	121.21
24	4B / 20.2	Pamela I. E. Kochenower, et al	601 / 59	23.27
25	4B / 21	Karl H. & Theresa B. Skaggs, et al	712 / 704	24.00
26	4B / 22	Karl H. & Theresa B. Skaggs, et al	712 / 704	25.75
27	4B / 24	Law Chapel Cemetery Association	448 / 77	0.92
28	4B / 40.1	Paul E. & Nina Burt	766 / 880	4.00
29	4B / 25.1	Sue E. Hall, et al	556 / 536	0.25
30	4B / 23	Karl H. & Theresa B. Skaggs, et al	712 / 704	26.00
31	4B / 25	Sue E. Hall, et al	556 / 536	20.00
32	4B / 39	Mike Ross, Inc.	678 / 455	67.75
33	4B / 38	Christopher Dobbins	724 / 857	19.25
34	4B / 33	Mike Ross, Inc.	678 / 455	33.01
35	4B / 32	Larry K. Coffindaffer, et al	W45 / 431	60.00
36	4B / 33.2	Steven M. Miller	753 / 420	3.74
37	4B / 44	John W. Morgan	W10 / 536	6.50
38	4B / 48	Gregory B. Wright	722 / 430	26.75
39	4A / 17	Gregory B. Wright	722 / 430	20.25
40	4B / 47	John W. Morgan	502 / 152	56.50
41	4A / 18	Angela M. & Charles I. Adkins	769 / 332	24.70
42	4A / 20	John W. Morgan	601 / 74	27.63
43	4A / 19	Angela M. & Charles I. Adkins	769 / 332	0.95
44	4A / 32	James E. Titus, et al	W26 / 566	31.00
45	4A / 31	Kincheloe Mitigation Holdings, LLC	704 / 324	50.00
46	4A / 24	John W. Morgan	601 / 74	29.25
47	4A / 25	Gary W. Flint	461 / 107	27.25
48	4A / 28	Kincheloe Mitigation Holdings, LLC	704 / 324	80.00
49	4A / 29	Kincheloe Mitigation Holdings, LLC	704 / 324	39.75
50	4A / 6.1	Kathryn Carpenter, et al	559 / 414	26.25
51	4A / 26	Robert T. Tyler	715 / 227	69.97
52	4A / 2	Haven Sullivan	789 / 834	81.23
53	4A / 1.1	Haven Sullivan	789 / 834	21.41

No.	TM / Par	Owner	Bk / Pg	Ac.
54	421 / 2	Gregory A. Robertson	1607 / 798	103.13

FILE NO: 43-12-FC-21  
DRAWING NO: Winans 1216 N-5H 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: July 27 2023  
OPERATOR'S WELL NO. Winans 1216 N-5H  
API WELL NO  
47 - 041 - 05744  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,394' WATERSHED: Fink Creek

Top: Camden  
QUADRANGLE: Btm: Big Isaac

DISTRICT: Freemans Creek

COUNTY: Lewis

SURFACE OWNER: Stephen B. Winans

ACREAGE: 123

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

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,175' TVD 30,547' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101