

2,565' to Bottom Hole

6,593' to Top Hole

TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

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

2,233' to Top Hole

1,930' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Burnside 1214 N-1H
As-Drilled

Page 1 of 3



Notes:
Well No. Burnside 1214 N-1H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,291.41'
E: 1,775,685.25'
Landing Point Coordinates
N: 14,205,747.40'
E: 1,773,394.40'
Bottom Hole Coordinates
N: 14,221,724.30'
E: 1,767,816.40'

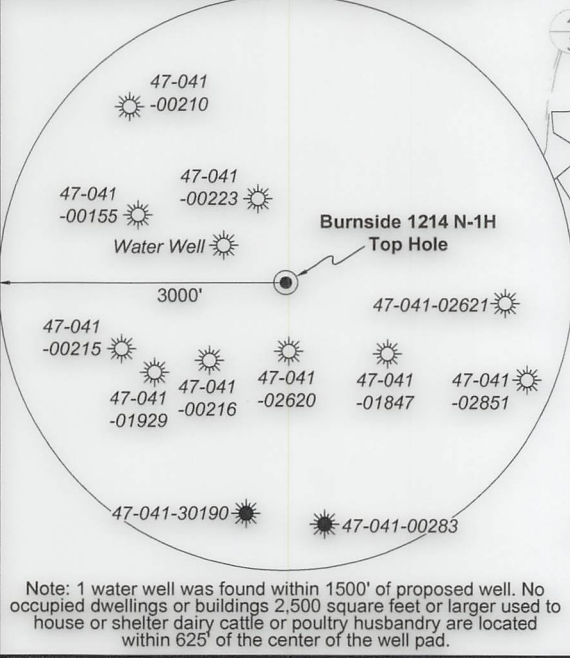
Tag	Bearing	Dist.	Description
L1	S 43°09' W	1,659.6'	Threaded Pipe
L2	N 69°51' W	2,208.0'	Gate Post
L3	N 56°59' W	1,247.6'	#47-041-01847
L4	N 01°46' W	655.9'	#47-041-02620

Notes: Well No. Burnside 1214 N-1H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'07.93" Latitude: 39°09'40.93"
Longitude: 80°31'23.68" Longitude: 80°33'02.58"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,086.282m N: 4,334,790.236m
E: 541,229.947m E: 538,831.516m
Plat orientation and corner and well references are
based upon the grid north meridian. Well location
references are based upon the magnetic meridian.



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



FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 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

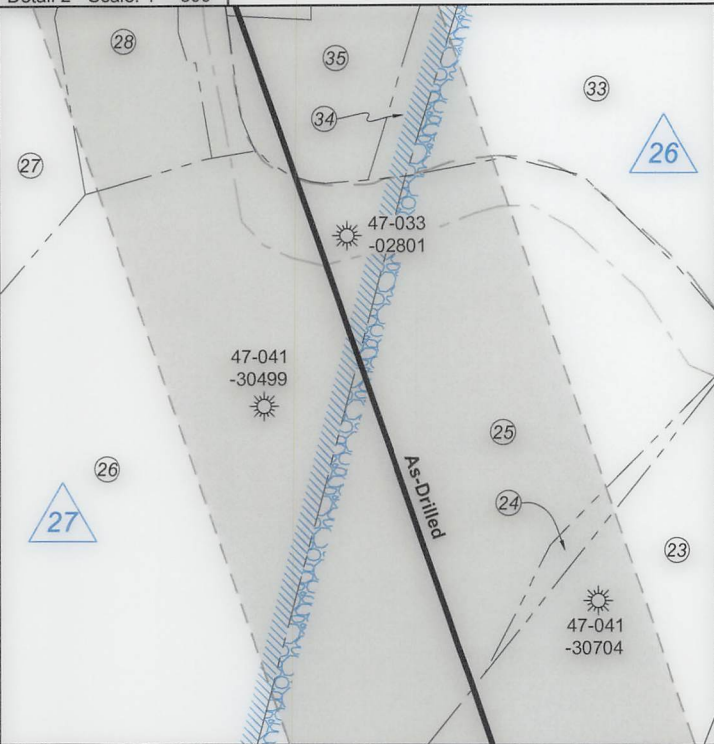
DATE: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 N-1H
API WELL NO
47 - 041 - 05725
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: John K. Burnside, et al
ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,780' MD

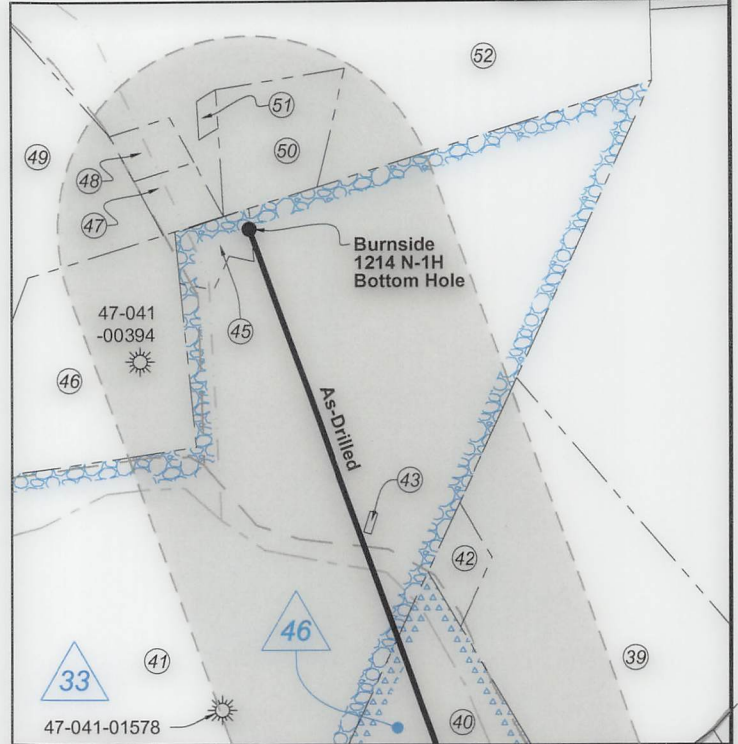
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



Detail 2 - Scale: 1" = 500"



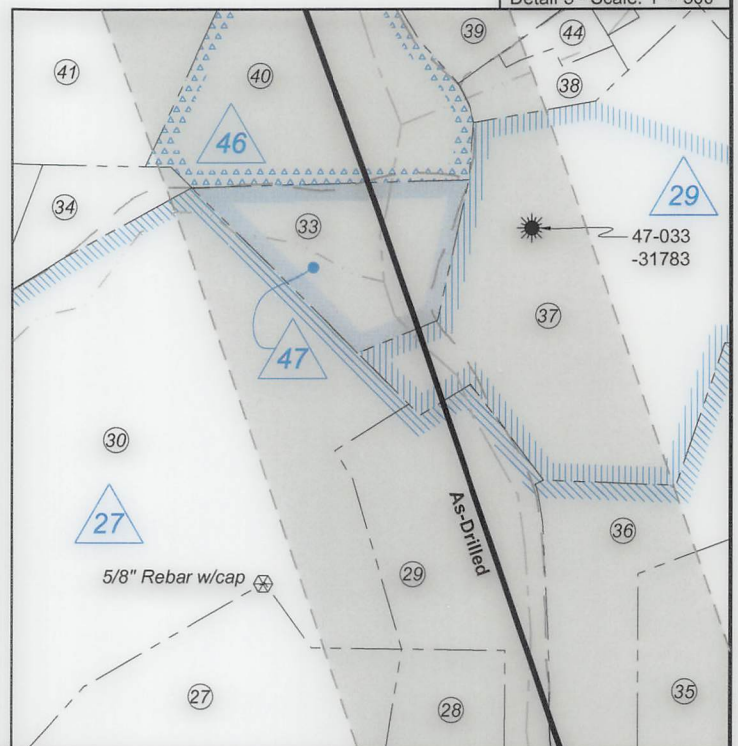
Detail 4 - Scale: 1" = 500"



Detail 1 - Scale: 1" = 500"



Detail 3 - Scale: 1" = 500"



FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 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: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 N-1H
API WELL NO
47 - 041 - 05725
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek

Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: **05/31/2024**
ACREAGE: 115.00

SURFACE OWNER: John K. Burnside, et al

ROYALTY OWNER: J.S. Hall, et ux, et al

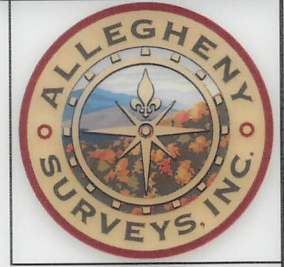
LEASE NO: _____ ACREAGE: 214.08

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled

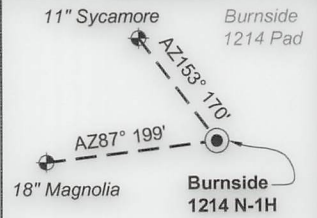
PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,139' TVD 24,780' MD

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



Well Location References
Not to Scale



Lewis Co. - Freeman Creek Dist.

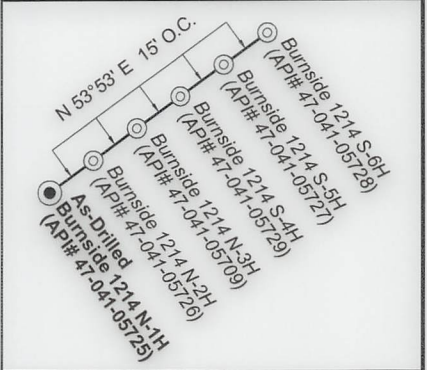
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 3,2	John K. Burnside, et al	666 / 44	115.00
2	5C / 41	Phillip E. Burnside	766 / 831	23.90
3	5C / 41.1	Mike Ross, Inc., et al	676 / 133	2.09
4	5C / 34	Karina K. Rowe	572 / 209	42.00
5	5C / 35	Robert S. Glotfelty	399 / 241	14.77
6	5C / 37	Phillip E. Burnside	766 / 831	83.75
7	5C / 40	Phillip E. Burnside, et al	666 / 503	6.50
8	5C / 39	Phillip E. Burnside, et al	666 / 503	47.00
9	5C / 38	Phillip E. Burnside	766 / 831	4.25
10	5C / 32	Robert S. Glotfelty	399 / 241	94.40
11	5C / 31	Nancy Hayhurst & Mary Snyder	F30 / 392	13.75
12	5C / 30	Woody Lumber Co., Inc.	590 / 438	140.50
13	5B / 18	Mike Ross Inc.	659 / 215	279.97
14	5B / 21	Theodore J. & Jacqueline Riley	467 / 254	140.00
15	5B / 32	John & Rhonda Myers	652 / 73	76.64
16	5B / 31	Mark D. Griffith, et ux	652 / 69	64.04
17	5B / 33	Kelly Joanne Burrows Bowie	622 / 463	33.49
18	5B / 29	Kelly Joanne Burrows Bowie	622 / 463	32.00
19	5B / 28	Kelly Joanne Burrows Bowie	622 / 463	21.25
20	5B / 27	Kelly Joanne Burrows Bowie	622 / 463	6.25
21	5A / 16.1	Charles D. & Samantha L. Brosius	710 / 356	49.90
22	5B / 26	Dawna J. Burnside	762 / 219	52.00
23	5A / 15	Brian K. & Debra D. Lough	728 / 285	43.77
24	5A / 14	Dawna Jo Burnside	762 / 219	1.00
25	5A / 13	Dawna Jo Burnside	762 / 219	27.00
26	5A / 12	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
27	5A / 12.1	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
28	5A / 10	Jeffrey P. & Anessa E. Griffith, et al	745 / 162	3.97
29	5A / 9	Jeffrey P. & Anessa E. Griffith	745 / 162	7.96
30	5A / 8	Robert F. Burnside	710 / 276	32.61
31	5A / 17	Bradford & Jennifer Lemon	1145 / 7	4.95
32	5A / 7	Robert F. Burnside	710 / 276	1.50

Harrison Co. - Union-Outside Dist.

No.	TM / Par	Owner	Bk / Pg	Ac.
33	442 / 5	Brian K. & Debra D. Lough	1610 / 675	13.69
34	442 / 3	Brian K. & Debra D. Lough	1623 / 961	2.00
35	442 / 2	Brian K. & Debra D. Lough	1623 / 963	9.13
36	442 / 1	Central Pittsburgh Coal Corp.	943 / 764	10.00
37	422 / 28	James P. Winski	1216 / 300	38.19
38	422 / 27	Gerald & Vicky Hall	1616 / 1220	1.20
39	422 / 24.1	Matthew C. & Shana L. Gould	1599 / 1102	9.00
40	421 / 45	Kathy M. Bright	1152 / 298	10.88
41	421 / 44	Matthew C. & Shana L. Gould	1468 / 1020	51.21
42	422 / 23	Matthew C. & Shana L. Gould	1468 / 1020	0.75
43	421 / 44.1	Harrison County Board of Education	519 / 20	0.03
44	422 / 26	Charles G. Dennison	W156 / 747	1.00
45	421 / 44.3	Sherman J. Snider	1392 / 1120	0.65
46	421 / 38	Atlantic Coast Pipeline, LLC	1616 / 421	6.00
47	421 / 40	Sherman J. Snider	1392 / 1120	0.60
48	421 / 41	Walter S. Workman (LE)	1628 / 745	0.46
49	421 / 43.3	Ray M. Moser, Jr.	1291 / 1136	29.11
50	421 / 43.2	Lynn A. Hughes	1581 / 444	2.00
51	421 / 42	Lynn A. Hughes	1581 / 444	0.14
52	421 / 43.1	Schuyler & Pamela J. Hughes	1336 / 276	42.40

ID	Lease
1	J.S. Hall, et ux
5	Blonda S. Hall, et al
6	N.A. Lovett, et ux
7	Hudson Bailey, et ux
20	Joseph H. Bailey, et ux
21	Billie L. McKinney Revocable Trust, et al
22	Flodia R. Smith
26	J.A. White, et ux
27	Guffey Oil & Gas Royalties, Inc., et al
29	Mark E. Hitt
33	William A. Booth, et ux
46	Pamela J. Hughes, et al
47	Bradford W. Lemon, et al

Wellhead Layout (NTS)



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.)
- Adjoiner surface tracts (approx.)

FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 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: February 20 2023
OPERATOR'S WELL NO. Burnside 1214 N-1H
API WELL NO
47 - 041 - 05725
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek

Btm: Big Isaac
QUADRANGLE: Top: Camden
COUNTY: **05/31/2024**
ACREAGE: 115.00

SURFACE OWNER: John K. Burnside, et al
ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) As-Drilled
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,780' MD 7.139' TVD

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