

2,549' to Bottom Hole

6,592' 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

1,923' to Bottom Hole

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

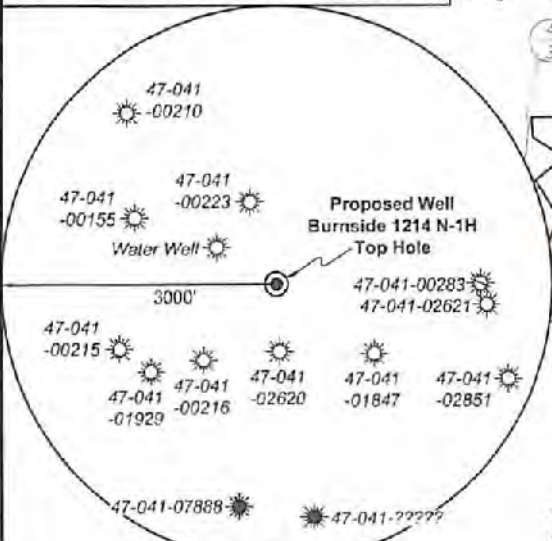
Page 1 of 3



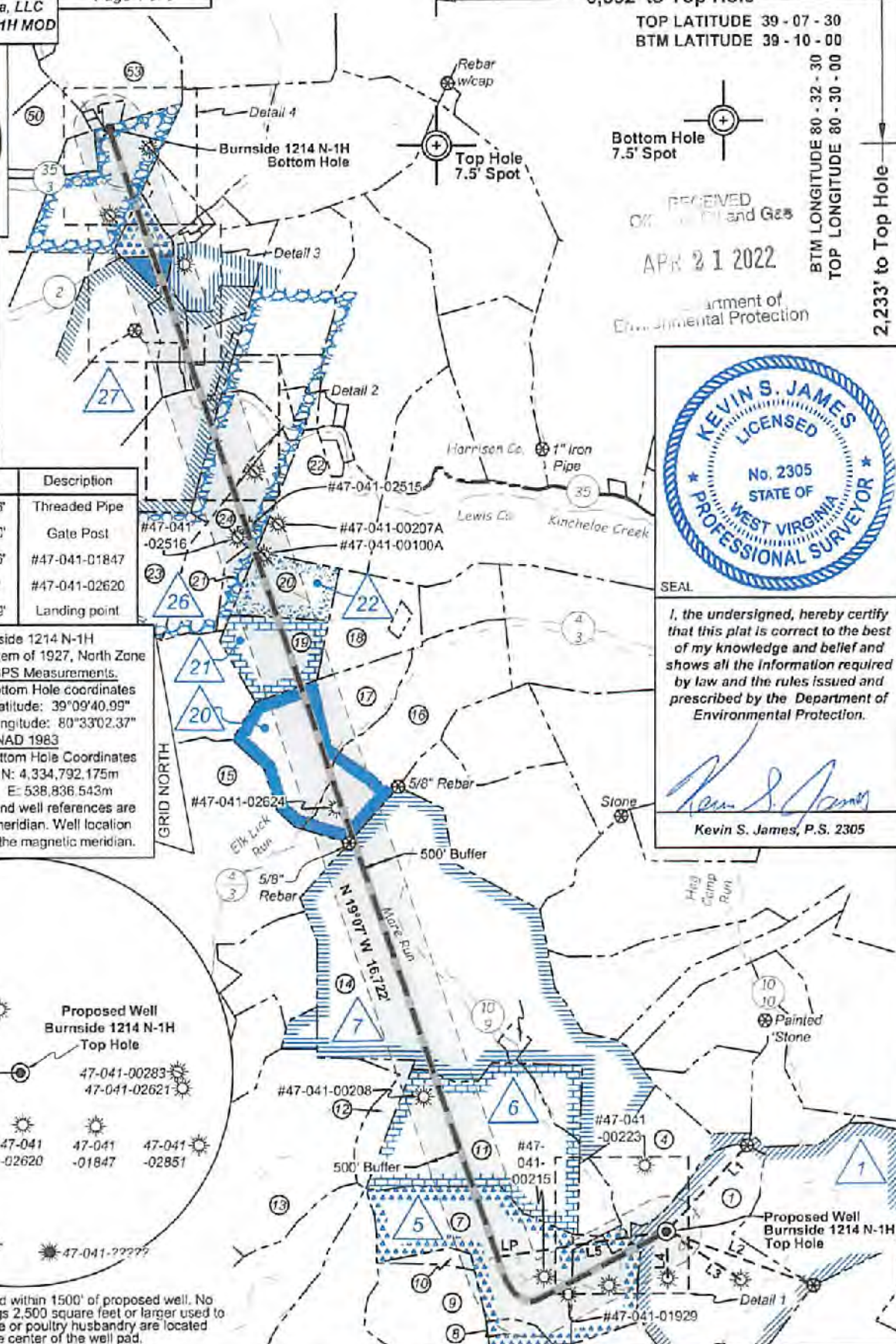
Notes:
Well No. Burnside 1214 N-1H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,291.41'
E: 1,775,685.25'
Landing Point Coordinates
N: 14,205,943.75'
E: 1,773,304.58'
Bottom Hole Coordinates
N: 14,221,730.66'
E: 1,767,832.89'

Tag	Bearing	Dist.	Description
L1	S 43°09' W	1,859.8'	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
L5	S 81°42' W	2,405.8'	Landing point

Notes: Well No. Burnside 1214 N-1H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'07.93" Longitude: 80°31'23.68"
Bottom Hole coordinates Latitude: 39°09'40.99" Longitude: 80°33'02.37"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,086.284m E: 541,229.947m
Bottom Hole Coordinates N: 4,334,792.175m E: 538,836.543m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



Note: 1 water well was 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.



RECEIVED
OK
APR 21 2022
Department of
Environmental Protection



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.

Kevin S. James, P.S. 2305

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

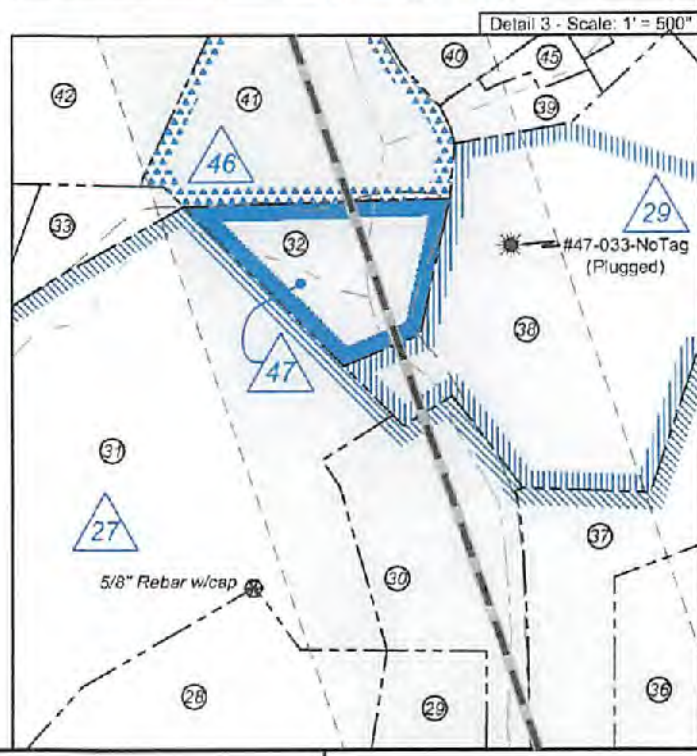
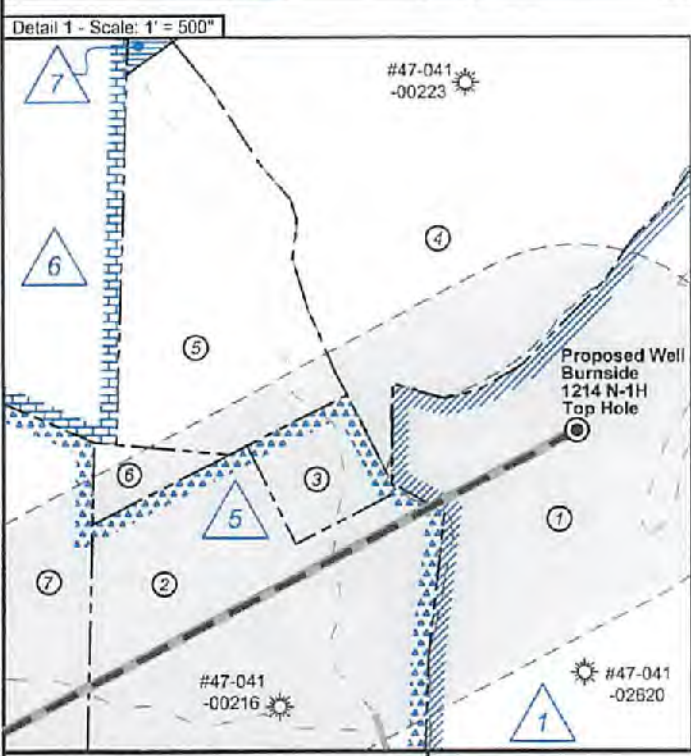
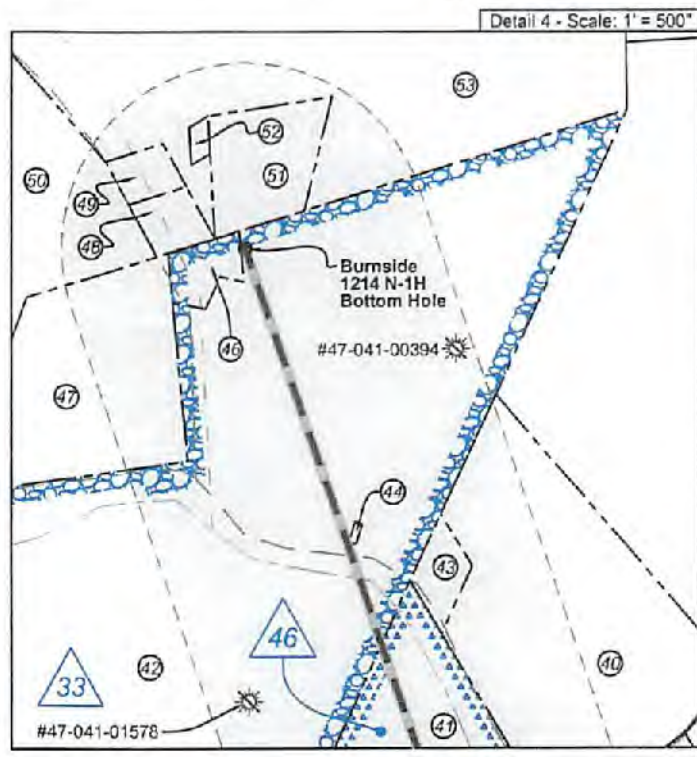
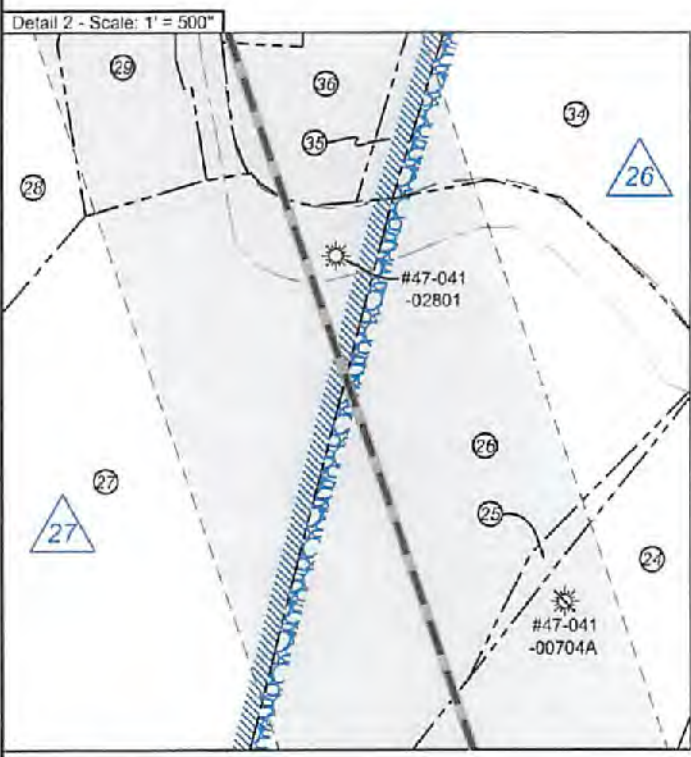
DATE: April 11 2022
OPERATOR'S WELL NO. Burnside 1214 N-1H
API WELL NO
47 - 041 - 05725
STATE COUNTY PERMIT

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) Curve, TVD, MD - MOD 7,316' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,682' 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

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Well Location References
Not to Scale

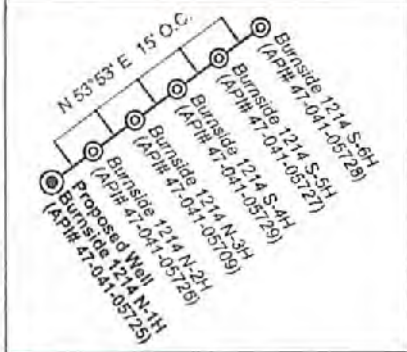


Lewis Co. - Freeman Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	6C / 3.2	John K. Burnside, et al	666 / 44	115.00
2	5C / 41	Phillip E. Burnside	766 / 831	23.90
3	5C / 41.1	Mike Ross, Inc., et al	676 / 133	2.09
4	5C / 34	Karina K. Rowe	572 / 209	42.00
5	5C / 35	Robert S. Giotfelty	399 / 241	14.77
6	5C / 36	Phillip E. Burnside	766 / 831	0.71
7	5C / 37	Phillip E. Burnside	766 / 831	83.75
8	5C / 40	Phillip E. Burnside, et al	666 / 503	6.50
9	5C / 39	Phillip E. Burnside, et al	666 / 503	47.00
10	5C / 38	Phillip E. Burnside	766 / 831	4.25
11	5C / 32	Robert S. Giotfelty	399 / 241	94.40
12	5C / 31	Nancy Hayhurst & Mary Snyder	F30 / 392	13.75
13	5C / 30	Woody Lumber Co., Inc.	590 / 438	140.50
14	5B / 18	Mike Ross Inc.	659 / 215	279.97
15	5B / 21	Theodore J. & Jacqueline Riley	467 / 254	140.00
16	5B / 32	John & Rhonda Myers	652 / 73	76.64
17	5B / 31	Merk D. Griffith, et ux	652 / 69	64.04
18	5B / 33	Kelly Joanne Burrows Bowie	622 / 463	33.49
19	5B / 29	Kelly Joanne Burrows Bowie	622 / 463	32.00
20	5B / 28	Kelly Joanne Burrows Bowie	622 / 463	21.25
21	5B / 27	Kelly Joanne Burrows Bowie	622 / 463	6.25
22	5A / 16.1	Charles D. & Samantha L. Brosius	710 / 356	49.90
23	5B / 26	Dawna J. Burnside	762 / 219	52.00
24	5A / 15	Brian K. & Debra D. Lough	728 / 285	43.77
25	5A / 14	Dawna Jo Burnside	762 / 219	1.00
26	5A / 13	Dawna Jo Burnside	762 / 219	27.00
27	5A / 12	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
28	5A / 12.1	Jeffrey P. & Anessa E. Griffith	745 / 162	47.84
29	5A / 10	Jeffrey P. & Anessa E. Griffith, et al	745 / 162	3.97
30	5A / 9	Jeffrey P. & Anessa E. Griffith	745 / 162	7.96
31	5A / 8	Robert F. Burnside	710 / 276	32.61
32	5A / 17	Bradford & Jennifer Lemon	1145 / 7	4.95
33	5A / 7	Robert F. Burnside	710 / 276	1.50

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

Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
34	442 / 5	Brian K. & Debra D. Lough	1610 / 675	13.69
35	442 / 3	Brian K. & Debra D. Lough	1623 / 961	2.00
36	442 / 2	Brian K. & Debra D. Lough	1623 / 963	9.13
37	442 / 1	Central Pittsburgh Coal Corp.	943 / 764	10.00
38	422 / 28	James P. Winski	1216 / 300	38.19
39	422 / 27	Gerald & Vicky Hall	1616 / 1220	1.20
40	422 / 24.1	Matthew C. & Shana L. Gould	1599 / 1102	9.00
41	421 / 45	Kathy M. Bright	1152 / 298	10.88
42	421 / 44	Matthew C. & Shana L. Gould	1468 / 1020	51.21
43	422 / 23	Matthew C. & Shana L. Gould	1468 / 1020	0.75
44	421 / 44.1	Harrison County Board of Education	519 / 20	0.03
45	422 / 26	Charles G. Dennison	W156 / 747	1.00
46	421 / 44.3	Sherman J. Snider	1392 / 1120	0.65
47	421 / 38	Atlantic Coast Pipeline, LLC	1516 / 421	6.00
48	421 / 40	Sherman J. Snider	1392 / 1120	0.60
49	421 / 41	Walter S. Workman (LE)	1628 / 745	0.48
50	421 / 43.3	Ray M. Moser, Jr.	1291 / 1136	29.11
51	421 / 43.2	Lynn A. Hughes	1581 / 444	2.00
52	421 / 42	Lynn A. Hughes	1581 / 444	0.14
53	421 / 43.1	Schuyler & Pamela J. Hughes	1336 / 276	42.40

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.)

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