

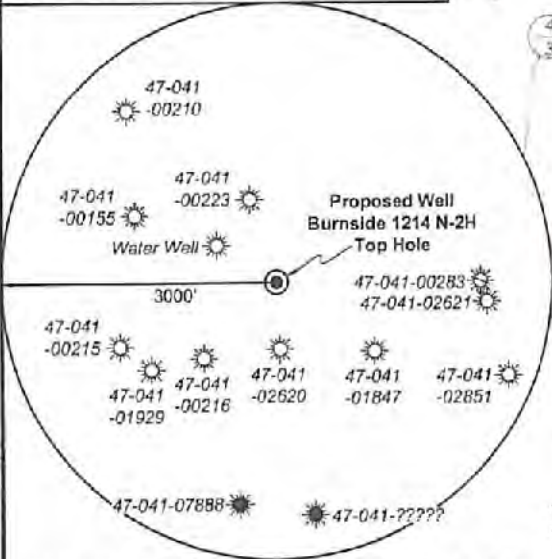
Page 1 of 3
 HG Energy II Appalachia, LLC
 Well No. Burnside 1214 N-2H MOD



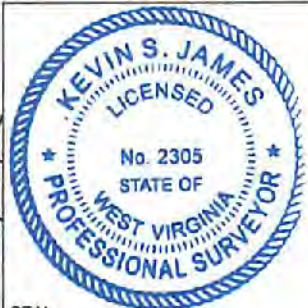
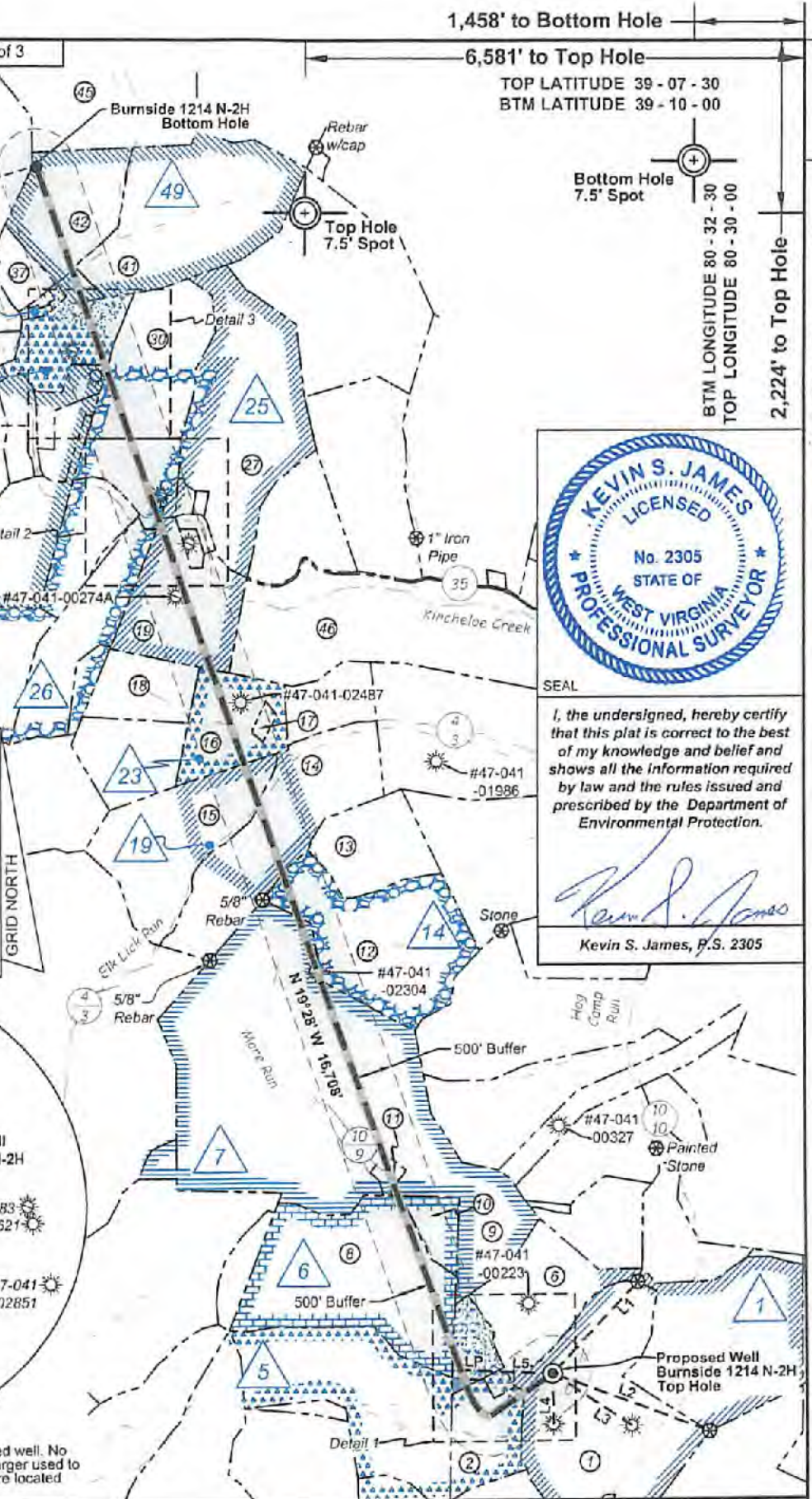
Notes:
 Well No. Burnside 1214 N-2H
 UTM NAD 1983 (USSF)
 Top Hole Coordinates
 N: 14,206,300.26'
 E: 1,775,697.37'
 Landing Point Coordinates
 N: 14,206,360.22'
 E: 1,774,483.16'
 Bottom Hole Coordinates
 N: 14,222,099.90'
 E: 1,768,921.35'

Tag	Bearing	Dist.	Description
L1	S 43°03' W	1,644.9'	Threaded Pipe
L2	N 69°31' W	2,199.7'	Gate Post
L3	N 56°21' W	1,242.3'	#47-041-01847
L4	N 00°42' W	664.5'	#47-041-02620
L5	N 87°10' W	1,215.7'	Landing point

Notes: Well No. Burnside 1214 N-2H
 West Virginia Coordinate System of 1927, North Zone
 based upon Differential GPS Measurements.
 Top Hole coordinates Latitude: 39°07'08.02" Longitude: 80°31'23.52"
 Bottom Hole coordinates Latitude: 39°09'44.59" Longitude: 80°32'48.52"
 UTM Zone 17, NAD 1983
 Top Hole Coordinates N: 4,330,088.978m E: 541,233.641m
 Bottom Hole Coordinates N: 4,334,904.719m E: 539,168.305m
 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.



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-2H 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 6 2022
 OPERATOR'S WELL NO. Burnside 1214 N-2H
 API WELL NO
 47 - 041 - 05726
 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
 PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) _____ BH-MOD _____
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,099' 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

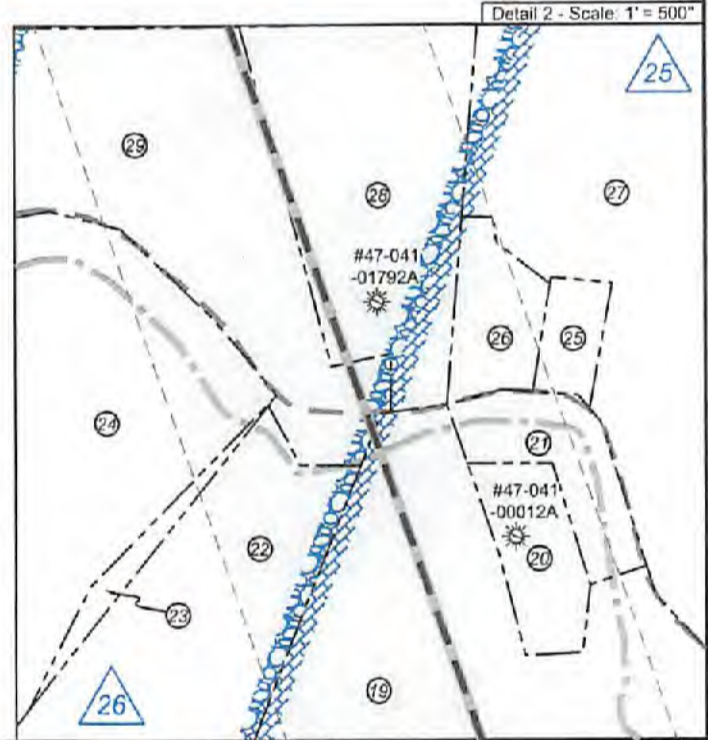
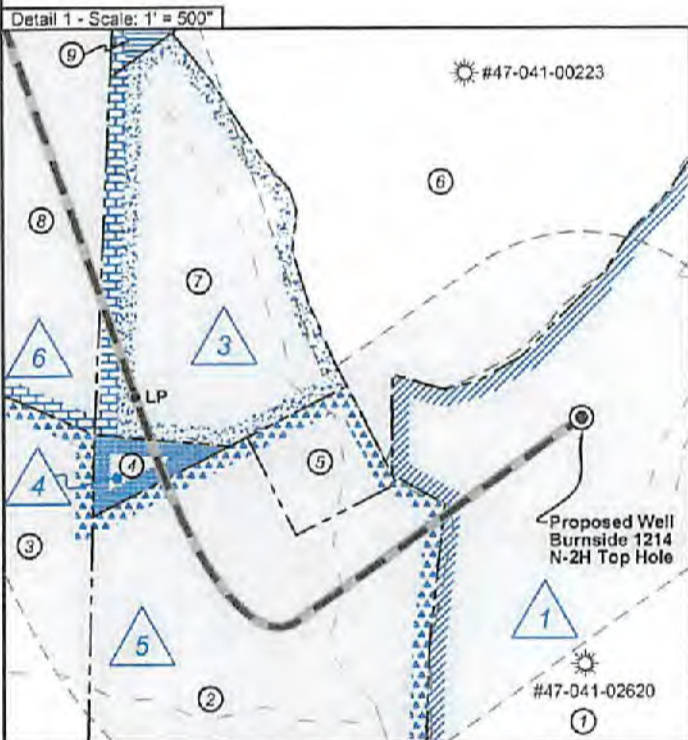
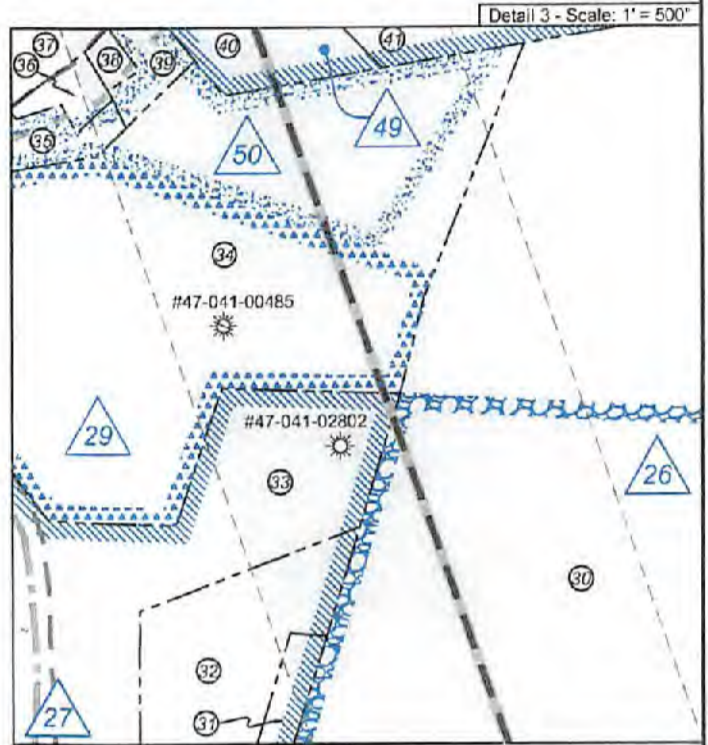
RECEIVED
 Office of Oil and Gas
 Btm: Big Isaac
 Top: Camden
 QUADRANGLE: Lewis
 COUNTY: Lewis
 ACREAGE: 115.00
 ACREAGE: 214.08
 APR 22 2022
 WV Department of Environmental Protection
 05/13/2022

1,458' to Bottom Hole

6,581' to Top Hole

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

Bottom Hole
 7.5' Spot
 BTM LONGITUDE 80 - 32 - 30
 TOP LONGITUDE 80 - 30 - 00
 2,224' to Top Hole
 1,559' to Bottom Hole



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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) _____ BH-MOD 7,335' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,099' MD

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Parkersburg, WV 26101 Parkersburg, WV 26101

05/13/2022



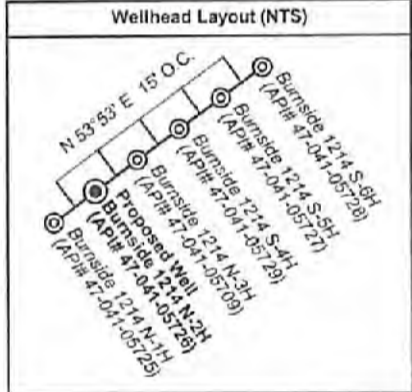
Well Location References
Not to Scale



ID	Lease
1	J.S. Hall, et ux
3	Zina L. Kershner, et vir
4	M.I. Metheny, et vr
5	Blonda S. Hall, et al
6	N.A. Lovett, et ux
7	Hudson Bailey, et ux
14	John L. Burnside, et ux
19	W. T. Rhodes, et al
23	Arta R. Loudin, et al
25	Fern M. White, et al
26	J.A. White, et ux
27	Guffey Oil & Gas Royalties, Inc., et al
29	Mark E. Hill, et al
49	James K. Coffindaffer, et al
50	Mark E. Hill, et al

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 / 37	Phillip E. Burnside	766 / 831	83.75
4	5C / 36	Phillip E. Burnside	766 / 831	0.71
5	5C / 41.1	Mike Ross, Inc., et al	676 / 133	2.09
6	5C / 34	Karina K. Rowe	572 / 209	42.00
7	5C / 35	Robert S. Glottelty	399 / 241	14.77
8	5C / 32	Robert S. Glottelty	399 / 241	94.40
9	5B / 18	Mike Ross Inc.	659 / 215	279.97
10	5C / 33	John W. & Joyce M. Hall	567 / 82	12.30
11	5C / 51	Melissa A. & Lester Bleigh	748 / 284	3.03
12	5B / 38	Phillip E. Burnside	666 / 503	75.00
13	5B / 37	Phillip E. Burnside	666 / 503	36.00
14	5B / 32	John & Rhonda Myers	852 / 73	78.84
15	5B / 31	Mark D. Griffith, et ux	852 / 69	64.04
16	5B / 33	Kelly Joanne Burrows Bowie	622 / 463	33.49
17	5B / 33.1	Christa Burrows, et al	F30 / 856	3.01
18	5B / 28	Kelly Joanne Burrows Bowie	622 / 463	21.25
19	5A / 16.1	Charles D. & Samantha L. Brosius	710 / 356	49.90
20	5A / 16.2	Charles D. & Samantha L. Brosius	701 / 233	3.00
21	5A / 16	Charles D. & Samantha L. Brosius	701 / 233	2.85
22	5A / 15	Brian K. & Debra D. Lough	728 / 285	43.77
23	5A / 14	Dawna Jo Burnside	762 / 219	1.00
24	5A / 13	Dawna Jo Burnside	762 / 219	27.00

Harrison Co. - Union-Outside Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
25	442 / 6.2	Dawna Jo & Emir E. Mussad	1466 / 913	0.95
26	442 / 6.1	Ruth Burnside (LE)	1268 / 1168	1.79
27	442 / 6	J.C. & Karen L. Hayhurst	1592 / 1194	97.01
28	442 / 4.1	Karen L. Hayhurst & Dawna J. Mussad	W198 / 657	8.73
29	442 / 5	Brian K. & Debra D. Lough	1610 / 875	13.89
30	422 / 29	Karen L. Hayhurst & Dawna J. Mussad	W198 / 657	48.47
31	442 / 3	Brian K. & Debra D. Lough	1623 / 961	2.00
32	442 / 2	Brian K. & Debra D. Lough	1623 / 963	9.13
33	442 / 1	Central Pittsburgh Coal Corp.	943 / 764	10.00
34	422 / 26	James P. Winski	1216 / 300	38.19
35	422 / 27	Gerald & Vicky Hall	1616 / 1220	1.20
36	422 / 26	Charles G. Dennison	W156 / 747	1.00
37	422 / 24.1	Matthew C. & Shana L. Gould	1599 / 1102	9.00
38	422 / 24	Charles G. & Ruby N. Dennison	1140 / 648	0.25
39	422 / 25	Charles G. & Ruby N. Dennison	1140 / 648	1.15
40	422 / 30.1	Robert H. Richards, Jr., et al	W186 / 1340	3.53
41	422 / 30	Dewain Titus, Jr.	1173 / 1045	89.47
42	422 / 22	Dewain Titus, Jr.	1173 / 1045	43.00
43	421 / 44	Matthew C. & Shana L. Gould	1488 / 1020	51.21
44	421 / 43.1	Schuyler & Pamela J. Hughes	1336 / 276	42.40
45	422 / 12	Mary J. Short & Lou A. Baker	1323 / 663	105.44
46	442 / 8.3	William Coffindaffer, et ux (LE)	1585 / 819	114.79



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.)
	Adjoinder surface tracts (approx.)

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