

1,455' to Bottom Hole

6,581' to Top Hole

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

HG Energy II Appalachia, LLC  
Well No. Burnside 1214 N-2H  
As-Drilled

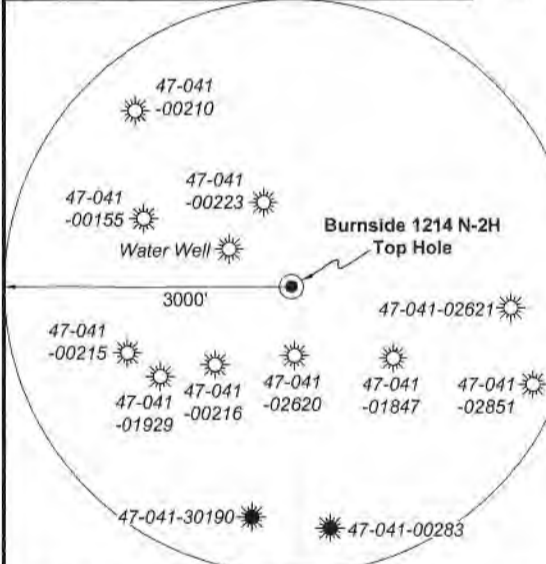
Page 1 of 3



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: 14,206,180.60'  
E: 1,774,563.00'  
Bottom Hole Coordinates  
N: 14,222,100.60'  
E: 1,768,924.80'

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

Notes: Well No. Burnside 1214 N-2H  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°07'08.02" Latitude: 39°09'44.59"  
Longitude: 80°31'23.52" Longitude: 80°32'48.48"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,330,088.979m N: 4,334,904.933m  
E: 541,233.641m E: 539,169.357m  
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.

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: February 20 2023  
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

QUADRANGLE: Btm: Big Isaac  
Top: Camden

DISTRICT: Freemans Creek  
SURFACE OWNER: John K. Burnside, et al

COUNTY: Lewis

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

ACREAGE: 115.00

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

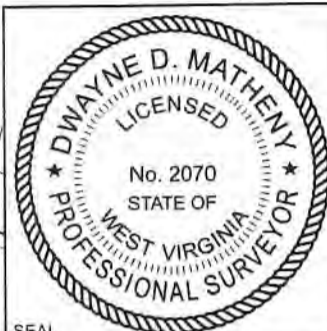
ACREAGE: 214.08

PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,146' MD

7,118' TVD

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

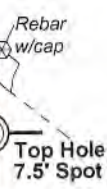


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

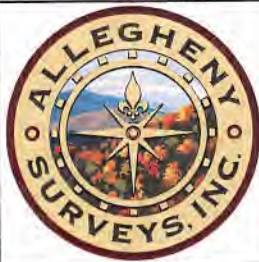
2,224' to Top Hole  
1,559' to Bottom Hole

Bottom Hole 7.5' Spot  
TOP LONGITUDE 80 - 32 - 30  
BTM LONGITUDE 80 - 30 - 00

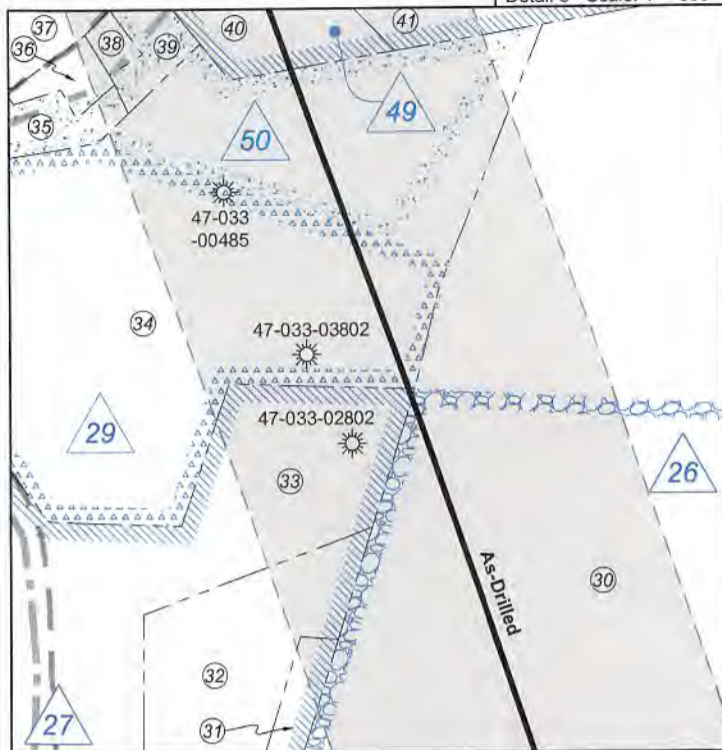


GRID NORTH

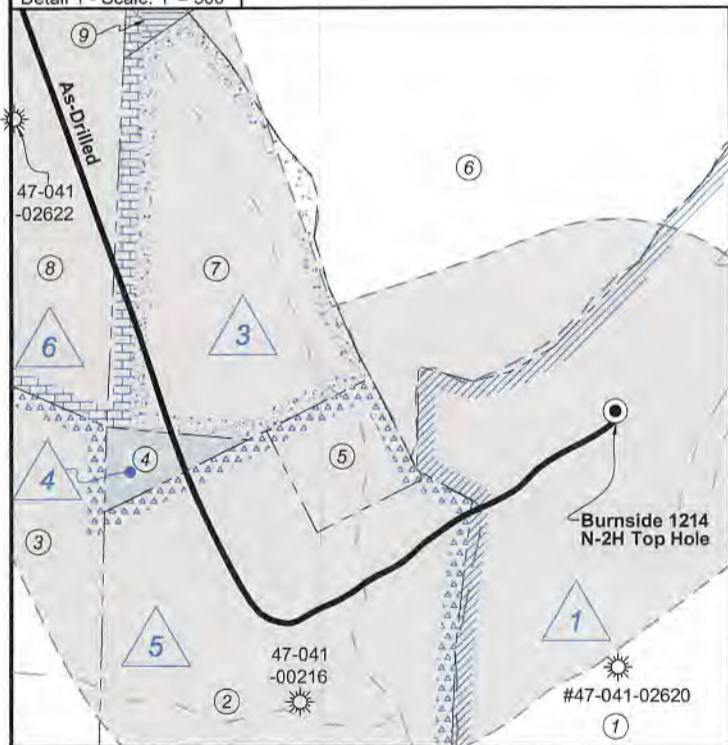
06/07/2024



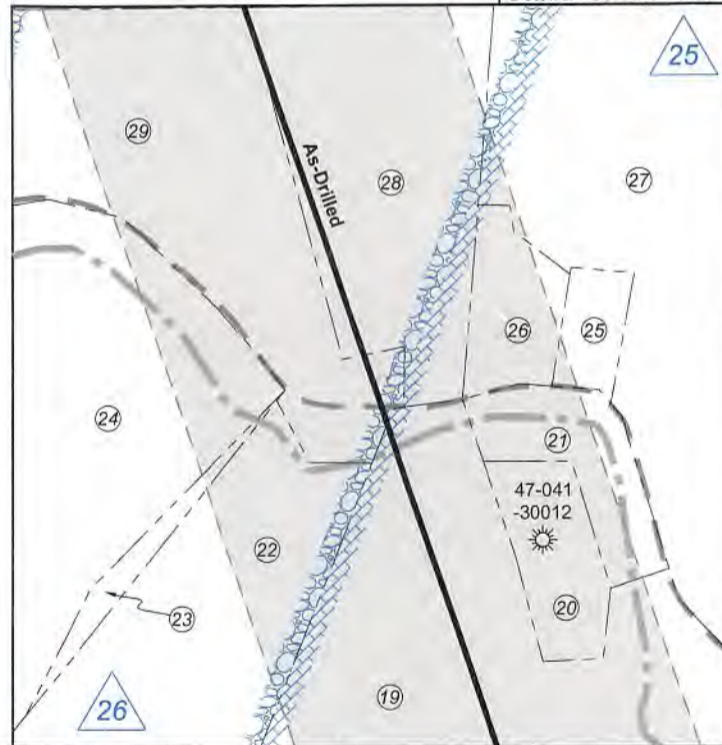
Detail 3 - Scale: 1' = 500"



Detail 1 - Scale: 1' = 500"



Detail 2 - Scale: 1' = 500"



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QUADRANGLE: Top: Camden  
COUNTY: LeWIS  
ACREAGE: 115.00

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ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: \_\_\_\_\_ ACREAGE: 214.08

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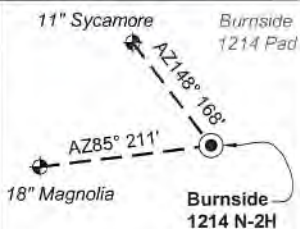
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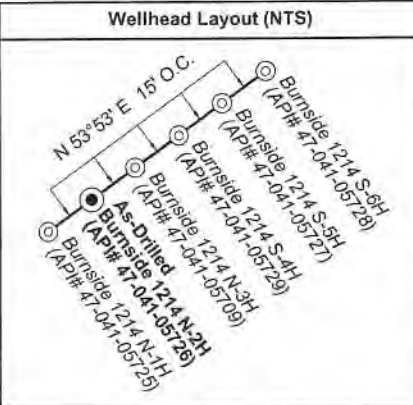
Well Location References  
Not to Scale



ID	Lease
1	J.S. Hall, et ux
3	Zina L. Kershner, et vir
4	M.I. Metheny, et vir
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	Ara 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. Hitt, et al
49	James K. Coffindaffer, et al
50	Mark E. Hitt, 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. Glotfelty	399 / 241	14.77
8	5C / 32	Robert S. Glotfelty	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	652 / 73	76.64
15	5B / 31	Mark D. Griffith, et ux	652 / 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 / 675	13.69
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 / 28	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	1468 / 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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