

2,565' to Bottom Hole

6,556' to Top Hole

TOP LATITUDE 39 - 07 - 30  
BTM LATITUDE 39 - 05 - 00

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

5,913' to Bottom Hole

2,206' to Top Hole

HG Energy II Appalachia, LLC  
Well No. Burnside 1214 S-4H  
As-Drilled

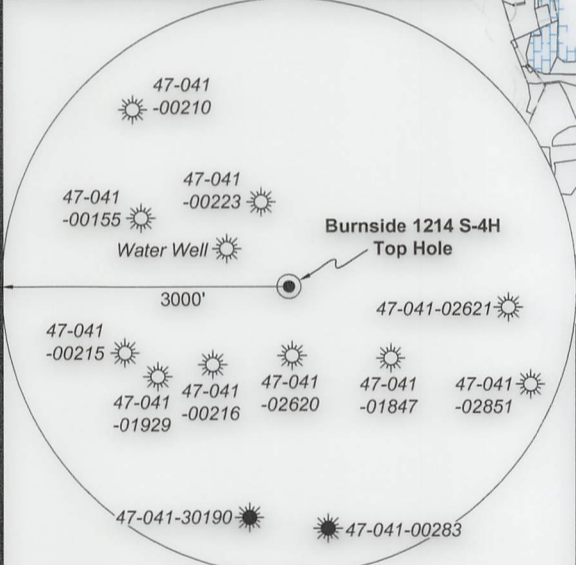
Page 1 of 2

Notes:  
Well No. Burnside 1214 S-4H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,206,317.94'  
E: 1,775,721.61'  
Landing Point Coordinates  
N: 14,205,250.90'  
E: 1,773,537.80'  
Bottom Hole Coordinates  
N: 14,187,462.60'  
E: 1,779,817.30'



Tag	Bearing	Dist.	Description
L1	S 42°51' W	1,615.4'	Threaded Pipe
L2	N 68°52' W	2,183.3'	Gate Post
L3	N 55°02' W	1,232.3'	#47-041-01847
L4	N 01°22' E	682.3'	#47-041-02620

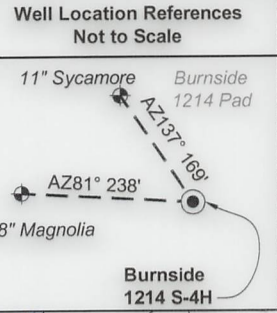
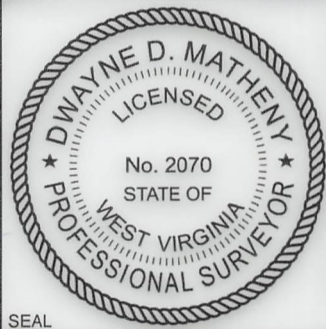
Notes: Well No. Burnside 1214 S-4H  
West Virginia Coordinate System of 1927, North Zone  
based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°07'08.19" Latitude: 39°04'01.54"  
Longitude: 80°31'23.21" Longitude: 80°30'32.53"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,330,094.368m N: 4,324,347.249m  
E: 541,241.029m E: 542,489.398m  
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.

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



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.)

ID	Lease
1	J.S. Hall, et ux
2	W.J. Grant, et ux
3	Blonda S. Hall, et al
4	J.A. Burnside, et al
5	F. White
6	Mary C. Burnside, et vir
17	S.A. Hall, et al
20	J.W. Kemper, et ux
23	Alrose McKinley, et al
26	R.H. Hall, et ux
27	Lot Hall, et ux
31	Helen M. King, et al
40	Zina L. Kershner, et vir
41	N.A. Lovett, et ux

FILE NO: 236-36-12-19  
DRAWING NO: Burnside 1214 S-4H 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

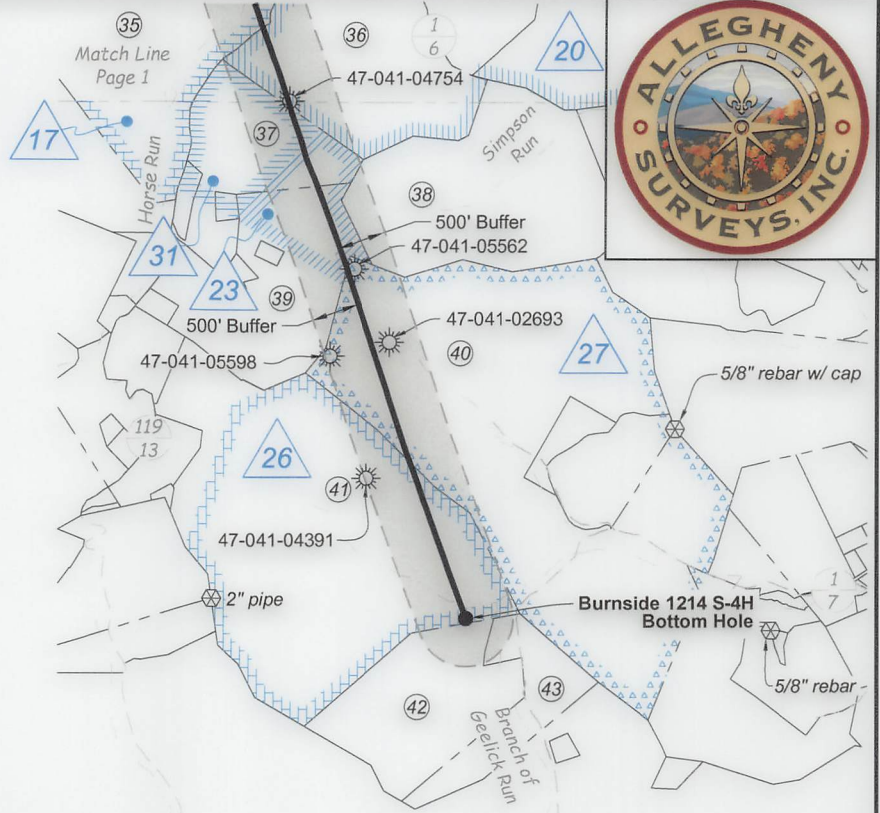
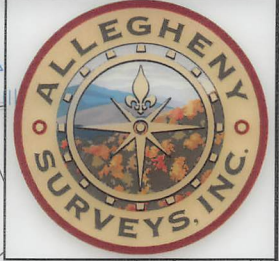
DATE: February 20 2023  
OPERATOR'S WELL NO. Burnside 1214 S-4H  
API WELL NO  
47 - 041 - 05729  
STATE COUNTY PERMIT

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: 26,954' MD 6,717' TVD

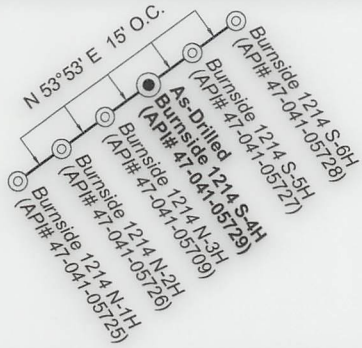
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101

05/10/2024





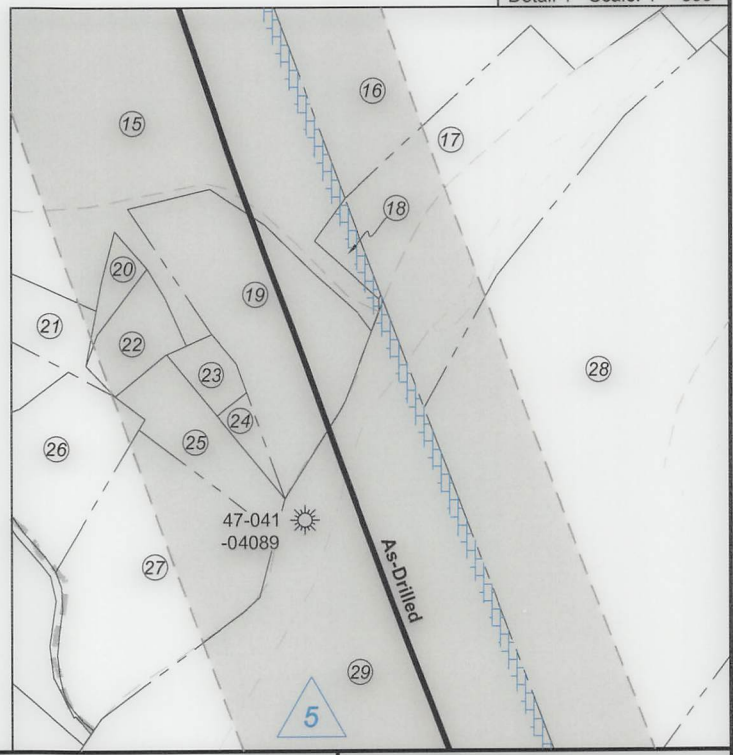
Wellhead Layout (NTS)



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 / 34	Karina K. Rowe	572 / 209	42.00
3	5C / 41.1	Mike Ross, Inc. and Waco Oil & Gas	676 / 133	2.09
4	5C / 35	Robert S. Glotfelty	339 / 241	14.77
5	5C / 36	Phillip E. Burnside	766 / 831	0.71
6	5C / 32	Robert S. Glotfelty	399 / 241	94.40
7	5C / 37	Phillip E. Burnside	766 / 831	83.75
8	5C / 41	Phillip E. Burnside	766 / 831	23.90
9	5C / 40	Phillip E. Burnside, et al	666 / 503	6.50
10	5C / 39	Phillip E. Burnside, et al	666 / 503	47.00
11	5C / 44	John K. & Reta L. Burnside	631 / 778	51.00
12	5C / 45	Phillip E. Burnside	666 / 503	121.42
13	5C / 46	Phillip E. Burnside	666 / 503	60.00
14	6C / 4	James M. Evans III, et al	657 / 228	294.00
15	5D / 60	William R. Fultineer, et al	627 / 496	74.71
16	6C / 6	Equitable Gas	216 / 185	65.55
17	5D / 63	Donald R. & Pamela J. Spinks	574 / 573	8.00
18	5D / 62	Donald R. & Pamela J. Spinks	574 / 573	0.34
19	5D / 60.10	William & Dixie Fultineer	591 / 48	5.02
20	5D / 60.17	Jason & Mandy Starcher	677 / 696	0.38
21	5D / 60.18	Edward Brightbill & Vicki A. Harper	750 / 120	1.23
22	5D / 60.16	Jason & Mandy Starcher	677 / 696	1.00
23	5D / 61.1	Randall & Agnes Starcher	440 / 500	0.52
24	5D / 60.8	Marie L. Sprouse	W9 / 190	0.31
25	5D / 61	Lillie M. Sprouse	W9 / 190	1.66
26	5D / 60.15	Jeremy Bruffey	715 / 454	2.86
27	5D / 60.14	Jeremy Bruffey	715 / 454	5.86
28	6D / 2	Robert L. & Lindsey R. Rittenhouse	691 / 794	74.75
29	5D / 59	James H. Hall Trust	199 / 488	73.25
30	6D / 3	James H. Hall Trust	WB H / 147	194.50
31	5D / 57	John Thomas Garrett, et al	728 / 296	28.70
32	5D / 68	Sue Ellen Hall	W34 / 597	1.33
33	6D / 5.1	Brooks D. & Mary L. Hall	361 / 739	1.51
34	6D / 5	David B. & Wendall S. Hall	W29 / 176	196.50
35	6D / 10	Sue E. Hall & Alice J. Fisher	W34 / 597	252.44
36	6D / 12	Bradford & Michelle Taylor	762 / 891	77.00
37	6E / 1	Bruce S. Kimmel	721 / 678	42.70
38	6E / 12	James E. Gray, et al	735 / 51	90.50
39	6E / 1.7	Patricia A. & Joel S. Harris	721 / 670	61.20
40	6E / 11.1	Heartwood Forestland Fund VII	666 / 124	235.87
41	6E / 4	Heartwood Forestland Fund VII	666 / 124	171.06
42	6E / 10	Heartwood Forestland Fund VII	666 / 124	51.75
43	6E / 9	Heartwood Forestland Fund VII	666 / 124	28.00

Detail 1 - Scale: 1" = 500'



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