

2,547' to Bottom Hole

6,556' to Top Hole

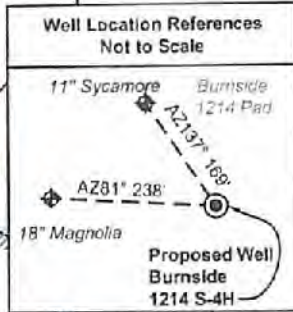
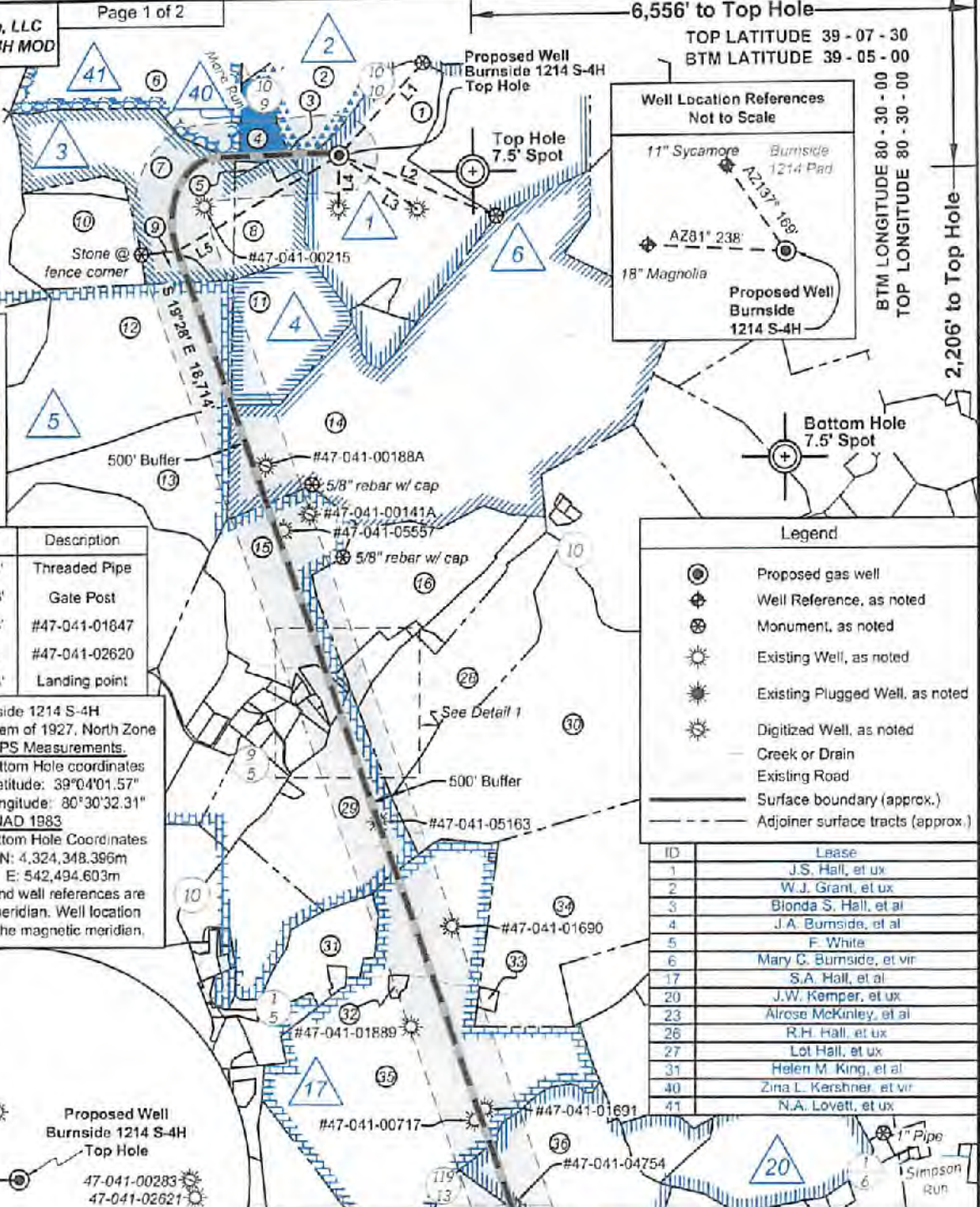
BTM LONGITUDE 80 - 30 - 00
TOP LONGITUDE 80 - 30 - 00

2,206' to Top Hole
5,909' to Bottom Hole

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

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: 14,205,095.34'
E: 1,773,604.89'
Bottom Hole Coordinates
N: 14,187,466.22'
E: 1,779,834.36'



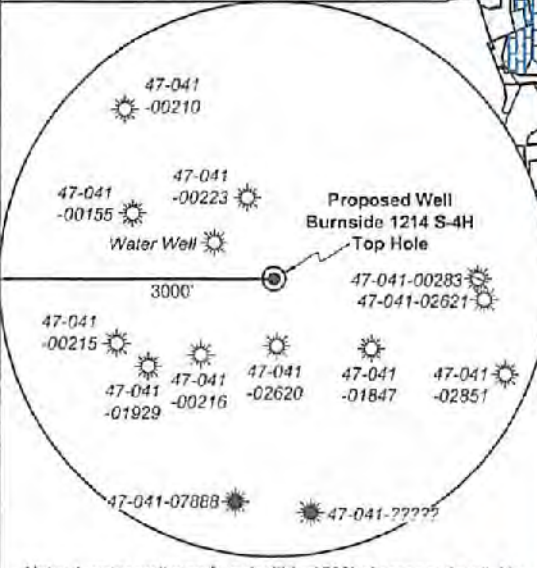
Tag	Bearing	Dist.	Description
L1	S 42°51' W	1,615.4'	Threaded Pipe
L2	N 88°52' W	2,183.3'	Gate Post
L3	N 55°02' W	1,232.3'	#47-041-01847
L4	N 01°22' E	682.3'	#47-041-02620
L5	S 59°59' W	2,444.4'	Landing point

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.)

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	Aloise 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

Notes: Well No. Burnside 1214 S-4H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'08.19" Longitude: 80°31'23.21"
Bottom Hole coordinates Latitude: 39°04'01.57" Longitude: 80°30'32.31"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,094.412m E: 541,241.033m
Bottom Hole Coordinates N: 4,324,348.396m E: 542,494.603m
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.

Kevin S. James, P.S. 2305



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

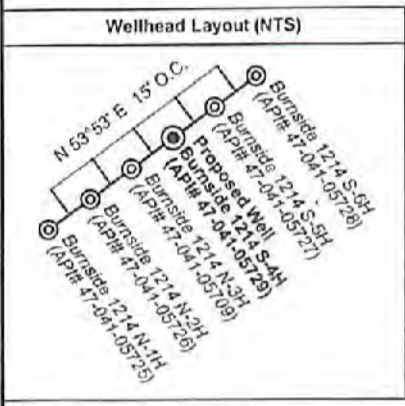
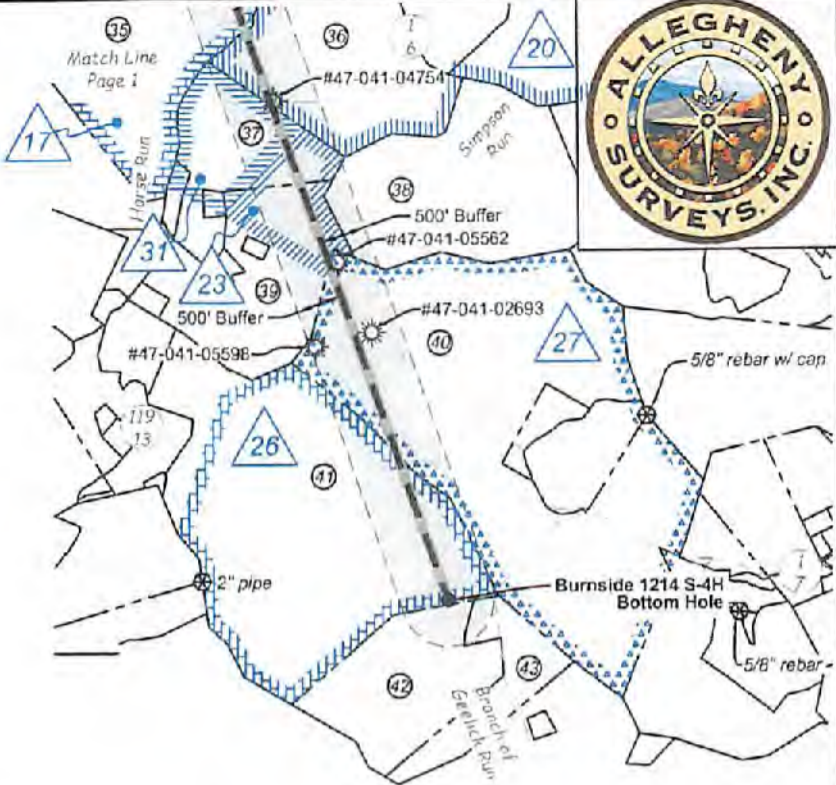
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: April 11 2022
OPERATOR'S WELL NO. Burnside 1214 S-4H
API WELL NO MOD
47 - 041 - 05729
STATE COUNTY PERMIT

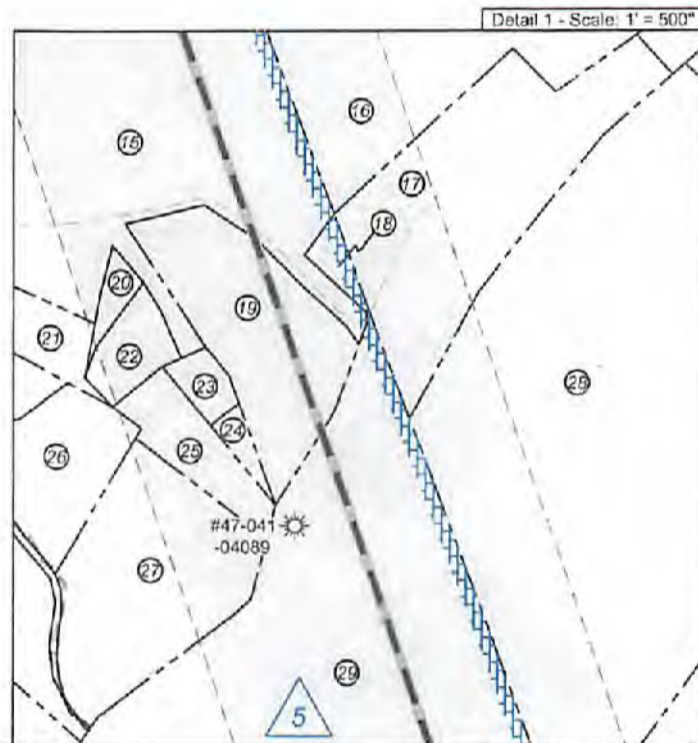
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1159.2' WATERSHED: Middle West Fork Creek
DISTRICT: Freemans Creek
SURFACE OWNER: John K. Burnside, et al
ROYALTY OWNER: J.S. Hall, et ux, et al LEASE NO: ACREAGE: 214.08
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) Curve, TVD, MD - MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 26,956' MD
6,212' 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

05/13/2022



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. Giolfelty	339 / 241	14.77
5	5C / 36	Phillip E. Burnside	766 / 831	0.71
6	5C / 32	Robert S. Giolfelty	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. Fullineer, 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 / 80.10	William & Dixie Fullineer	591 / 48	5.02
20	5D / 80.17	Jason & Mandy Starcher	677 / 696	0.38
21	5D / 80.18	Edward Brightbill & Vicki A. Harper	750 / 120	1.23
22	5D / 80.16	Jason & Mandy Starcher	677 / 696	1.00
23	5D / 81.1	Randal & 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 / 80.15	Jeremy Bruffey	715 / 454	2.86
27	5D / 80.14	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



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