

949' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Burnside 1214 S-5H MOD

6,544' to Top Hole

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



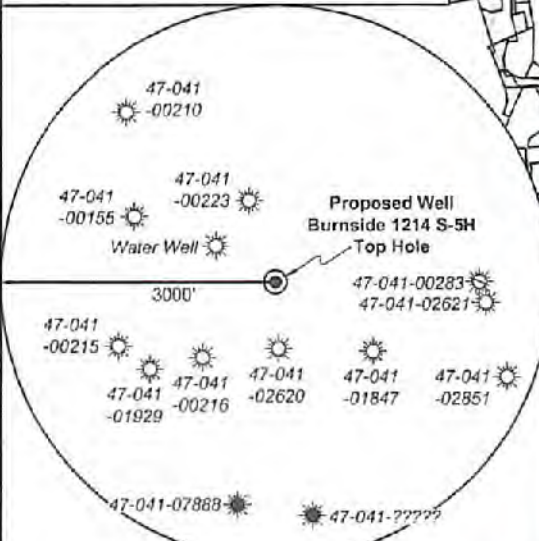
BTM LONGITUDE 80 - 30 - 00
TOP LONGITUDE 80 - 30 - 00

6,701' to Bottom Hole

Notes:
Well No. Burnside 1214 S-5H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,205,326.78'
E: 1,775,733.72'
Landing Point Coordinates
N: 14,205,511.80'
E: 1,774,783.47'
Deflection Point Coordinates
N: 14,197,251.54'
E: 1,777,596.69'
Bottom Hole Coordinates
N: 14,186,683.01'
E: 1,781,436.96'

Tag	Bearing	Dist.	Description
L1	S 42°45' W	1,600.7'	Threaded Pipe
L2	N 68°32' W	2,175.3'	Gate Post
L3	N 54°22' W	1,227.5'	#47-041-01847
L4	N 02°21' E	691.6'	#47-041-02620
L5	S 49°23' W	1,251.9'	Landing point

Notes: Well No. Burnside 1214 S-5H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'08.28" Longitude: 80°31'23.06"
Bottom Hole coordinates Latitude: 39°03'53.74" Longitude: 80°30'12.04"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,097.063m E: 541,244.721m
Bottom Hole Coordinates N: 4,324,109.673m E: 542,983.046m
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
Kevin S. James, P.S. 2305



RECEIVED
Office of Oil and Gas
APR 21 2022
WV Department of Environmental Protection

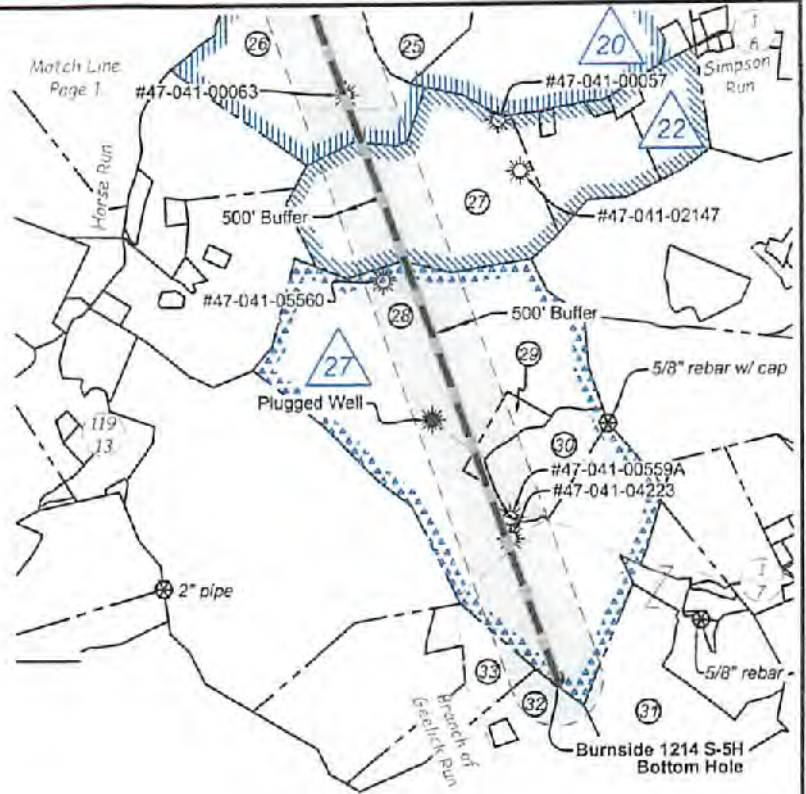
FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 S-5H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

DATE: April 11 2022
OPERATOR'S WELL NO. Burnside 1214 S-5H
API WELL NO. MOD
47 - 041 - 05727
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: Camden
DISTRICT: Freemans Creek COUNTY: Lewis
SURFACE OWNER: John K. Burnside, et al ACREAGE: 115.05/13/2022
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, DP, TVD, MD - MOD 6,162' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,547' MD

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

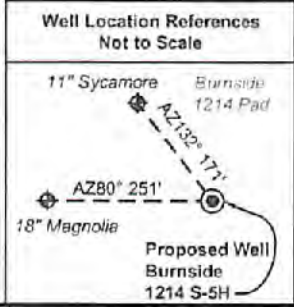
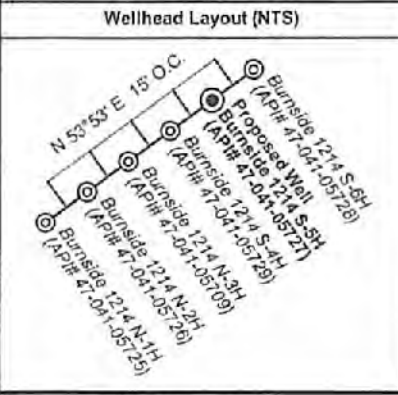


ID	Lease
1	J.S. Hall, et ux
2	W.J. Grant, et ux
3	Blonda S. Hall, et al
4	J.A. Burnside, et al
6	Mary C. Burnside, et vir
7	A. Brown, et ux
8	Dale Eugene Copens, et ux
9	N.A. Lovett, et ux
11	M.J. Hall, et ux
13	Aldo McKinley
15	Lessie Rill Lantz, et al
17	S.A. Hall, et al
20	J.W. Kemper, et ux
22	James B. Lovett, et ux
27	Lot Hall, et ux
29	HG Energy II Appalachia, LLC
39	M.I. Metheny, et vir
40	Zina L. Kerstner, et vir

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.)

REC'D
Office of
APR 21 2022
West Virginia Department of Environmental Protection

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. Gtofelty	339 / 241	14.77
5	5C / 36	Phillip E. Burnside	766 / 831	0.71
6	5C / 32	Robert S. Gtofelty	339 / 241	94.40
7	5C / 37	Phillip E. Burnside	766 / 831	63.75
8	5C / 41	Phillip E. Burnside	766 / 831	23.90
9	5C / 44	John K. & Reta L. Burnside	631 / 778	51.00
10	6C / 4	James M. Evans III, et al	657 / 228	294.00
11	5D / 60	William R. Fultineer, et ux	627 / 496	74.71
12	6C / 6	Equitable Gas	216 / 185	65.55
13	6C / 7	Matthew S. & Tricia A. Jerden	627 / 197	12.00
14	5D / 63	Donald R. & Pamela J. Spinks	574 / 573	8.00
15	8D / 1	Robert L. & Lindsey R. Rittenhouse	691 / 794	1.25
16	6D / 2	Robert L. & Lindsey R. Rittenhouse	691 / 794	74.75
17	6D / 3	James H. Hall Trust	WB H / 147	194.50
18	6D / 5	David B. & Wendall S. Hall	W29 / 176	196.50
19	6D / 10	Sue E. Hall & Alice J. Fisher	W34 / 597	252.44
20	6D / 10.2	WV American Water Company	584 / 552	0.23
21	6D / 9	Daniel E. & Alice J. Fisher	858 / 108	25.00
22	6D / 5.1	D. Brooks & Mary L. Hall	361 / 739	1.51
23	6D / 8	James S. & Tamara B. Wilson	370 / 303	57.25
24	6D / 11	Bradford A. & Michelle D. Taylor	762 / 891	0.30
25	6D / 17.1	Brian K. & Sherri Skidmore	713 / 848	14.00
26	6D / 12	Bradford & Michelle Taylor	762 / 891	77.00
27	6E / 12	James E. Gray, et al	735 / 51	90.50
28	6E / 11.1	Heartwood Forestland Fund VII	666 / 124	235.87
29	6E / 11	Heartwood Forestland Fund VII	666 / 124	6.21
30	6E / 11.2	Jonathan R. & Tracie M. Dodson	632 / 203	21.92
31	6E / 17	Heartwood Forestland Fund VII	666 / 124	58.07
32	6E / 8	Heartwood Forestland Fund VII	666 / 124	93.90
33	6E / 9	Heartwood Forestland Fund VII	666 / 124	28.00



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