

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

Page 1 of 2

10,314' to Bottom Hole

6,568' to Top Hole

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



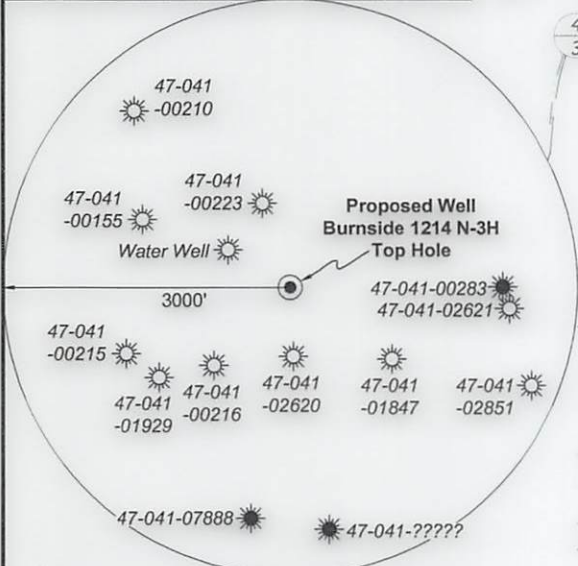
Notes:
Well No. Burnside 1214 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,206,309.10'
E: 1,775,709.49'
Landing Point Coordinates
N: 14,206,776.69'
E: 1,775,661.74'
Bottom Hole Coordinates
N: 14,217,415.23'
E: 1,771,902.48'



SEAL
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

Notes: Well No. Burnside 1214 N-3H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°07'08.11" Latitude: 39°08'58.12"
Longitude: 80°31'23.37" Longitude: 80°32'10.97"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,330,091.673m N: 4,333,476.829m
E: 541,237.334m E: 540,076.956m
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.

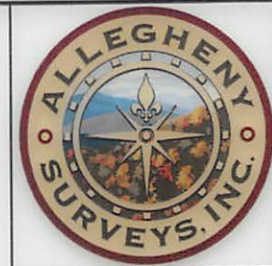
FILE NO: 236-36-12-19
DRAWING NO: Burnside 1214 N-3H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

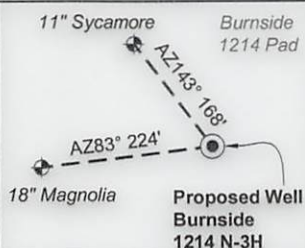
DATE: December 3 2021
OPERATOR'S WELL NO. Burnside 1214 N-3H
API WELL NO. MOD
47 - 041 - 05709
STATE COUNTY PERMIT

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) MOD-Curve 6,693' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,418' 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



**Well Location References
Not to Scale**



ID	Lease
1	J.S. Hall, et ux
2	W.J. Grant, et ux
7	Hudson Bailey, et al
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12	Ira L. Queen, et al
14	John L. Burnside, et ux
16	W.G. Bailey, et al
18	Ruth N. Bailey
24	Oma G. Hall, et al

Wellhead Layout (NTS)



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.)

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 / 34	Karina K. Rowe	572 / 209	42.00
4	5C / 49	James C. Garrett, et al	621 / 578	28.50
5	5B / 18	Mike Ross Inc.	659 / 215	279.97
6	5C / 33	John W. & Joyce M. Hall	567 / 82	12.30
7	6B / 8	James C. Garrett, et al	621 / 578	47.00
8	6B / 6	James C. Garrett, et al	621 / 578	30.00
9	5B / 39	Edward E. Garrett, et al	429 / 245	55.00
10	6B / 5	Edward E. Garrett, et al	429 / 245	136.00
11	5B / 38	Phillip E. Burnside, et al	666 / 503	75.00
12	5B / 37	Phillip E. Burnside, et al	666 / 503	36.00
13	5B / 32	John & Rhonda Myers	652 / 73	76.64
14	5B / 35	Ruth U. Theofield Living Trust Agreement October 24, 2018	740 / 840	96.69
15	5B / 34	Mark D. Griffith	652 / 69	20.49
16	5B / 33	Kelly Joanne Burrows Bowie	622 / 463	33.49
17	5A / 16.1	Charles D. & Samantha L. Brosius	710 / 356	49.90
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18	442 / 8.3	William Coffindaffer, et ux (LE)	1585 / 819	114.79
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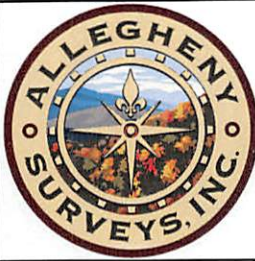
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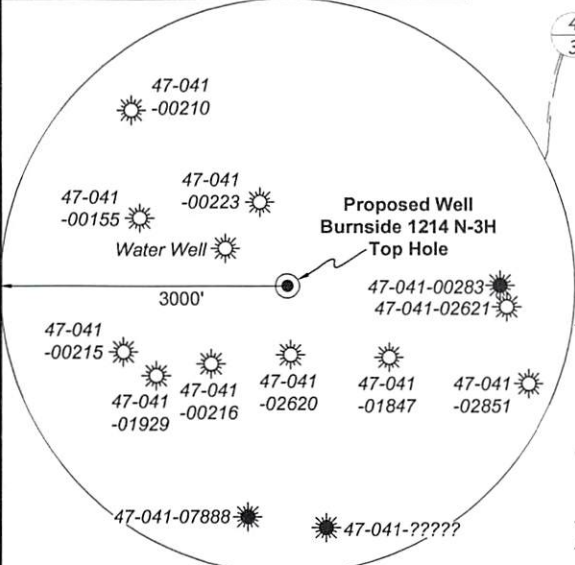
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Tag	Bearing	Dist.	Description
L1	S 42°57' W	1,630.2'	Threaded Pipe
L2	N 69°11' W	2,191.5'	Gate Post
L3	N 55°42' W	1,237.2'	#47-041-01847
L4	N 00°21' E	673.3'	#47-041-02620
L5	N 05°50' W	470.0'	Landing point

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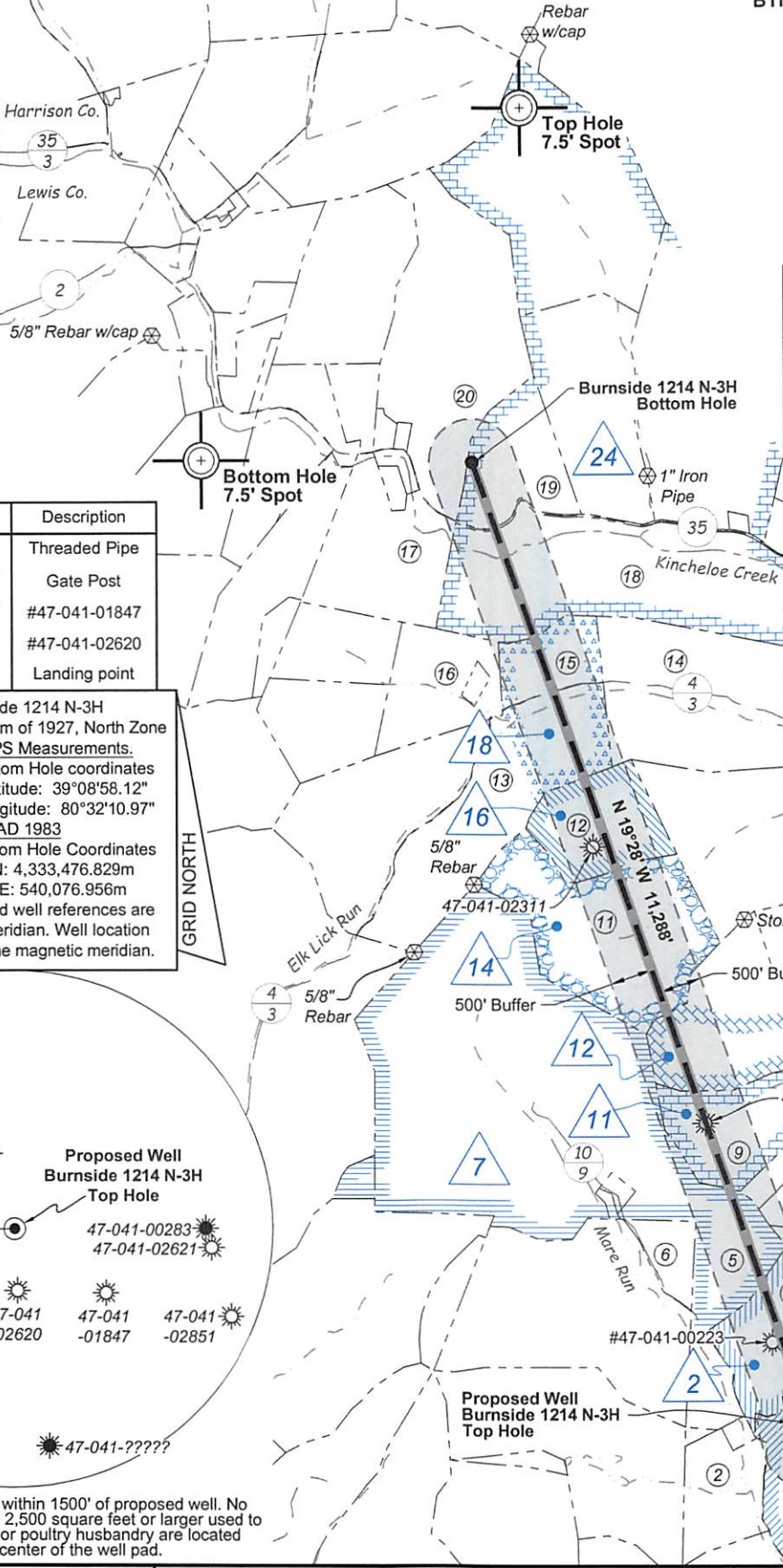
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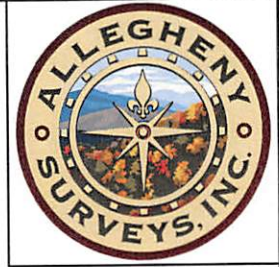


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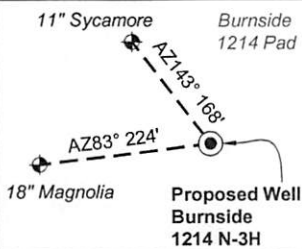
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LONGITUDE 80 - 30 - 00
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