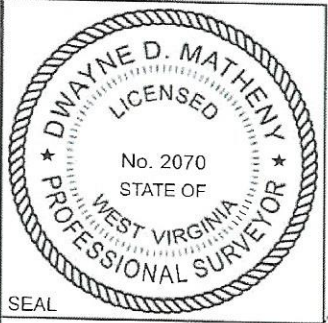
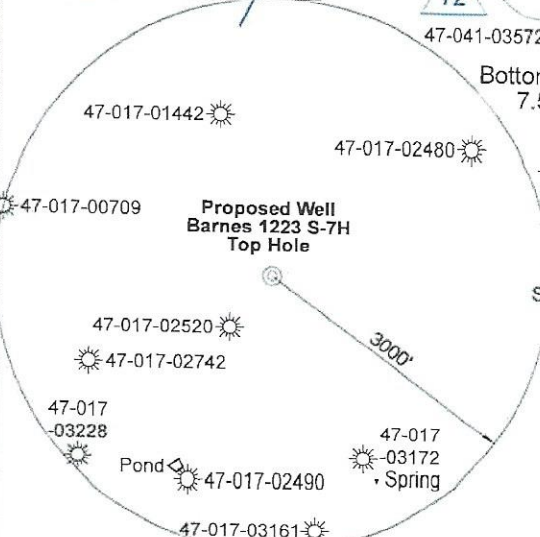


HG Energy II Appalachia, LLC
Well No. Barnes 1223 S-7H MOD
Page 1 of 3



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



Note: 0 water wells, 0 cistern, and 0 pond were 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.



Tag	Bearing	Dist.	Description
L1	S 76°00' E	2,998.1'	47-017-00709
L2	S 26°30' E	2,318.5'	5/8" Rebar
L3	S 56°37' W	2,568.7'	47-041-02480
L4	N 47°24' W	2,116.8'	1/2" Rebar @ fence corner
L5	S 39°39' W	3,004.5'	Landing Point

FILE NO: 171-12-30-FC-22
DRAWING NO: Barnes 1223 S-7H 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: July 29 20 24
OPERATOR'S WELL NO. Barnes 1223 S-7H
API WELL NO
47 - 017 - 06978
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,330' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Cove COUNTY: Doddridge
SURFACE OWNER: Marilyn Barnes, et al ACREAGE: 123
ROYALTY OWNER: Carolyn Rastle Bass, et al LEASE NO: ACREAGE: 123
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) BH & LP MOD 7,230' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 32,103' 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

8,630' to Bottom Hole

2,607' to Top Hole

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

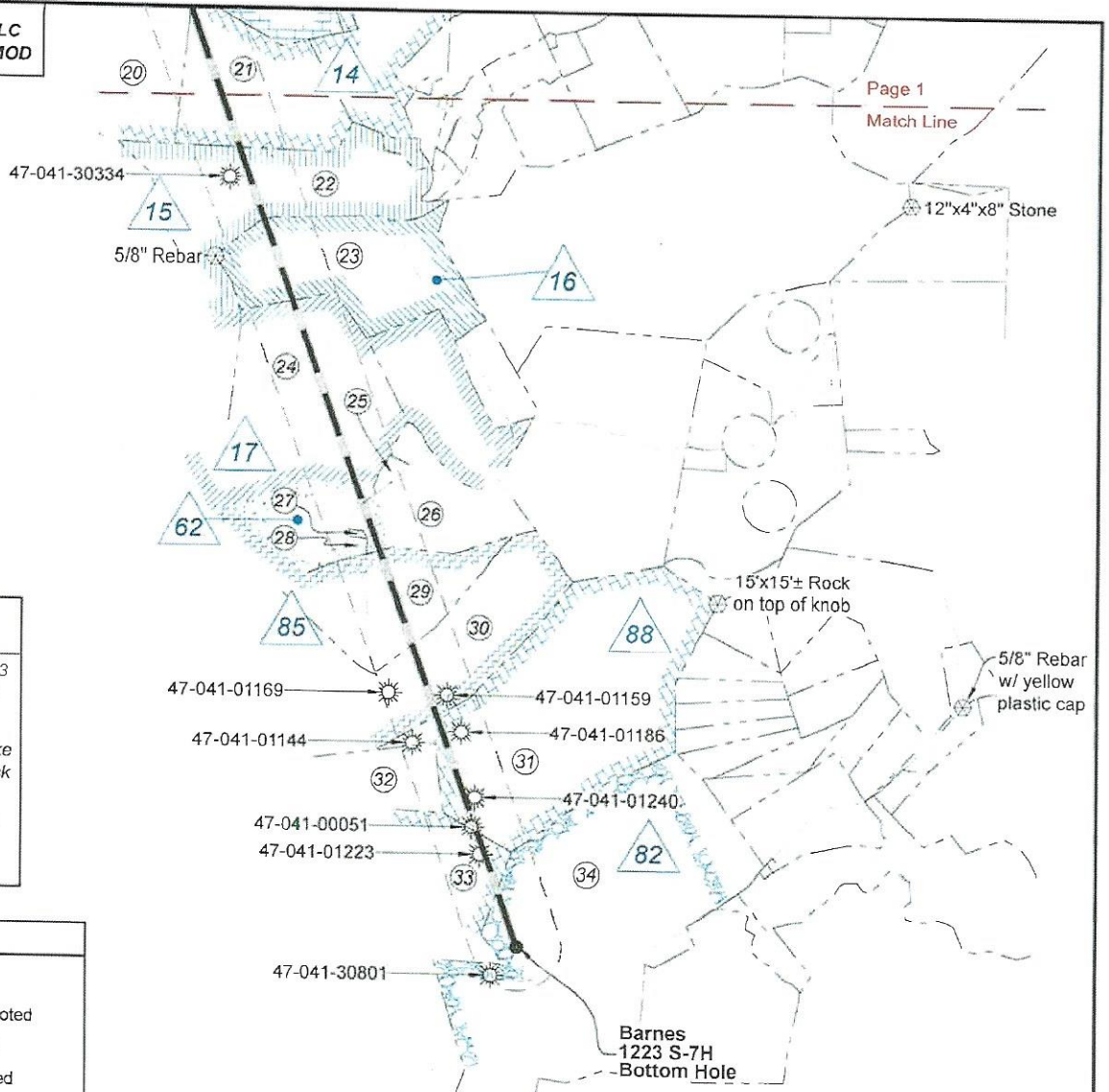
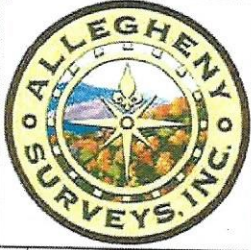
TOP HOLE LONGITUDE 80 - 42 - 30
BTM HOLE LONGITUDE 80 - 40 - 00

3,689' to Top Hole

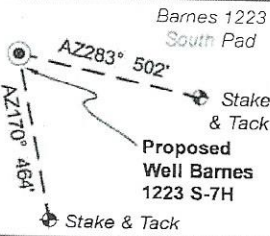
12,977' to Bottom Hole

Match Line
Page 2

08/28/2024

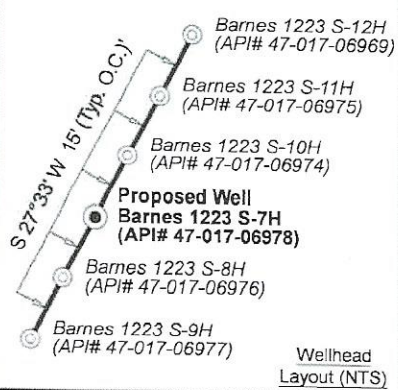


**Well Location References
Not to Scale**



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.)



West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.		UTM Zone 17, NAD 1983 Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.	
Notes: Well No. Van Wie 1223 S-7H WVCS 1927, North Zone Top Hole Coordinates Lat: 39°06'53.52" Lon: 80°43'03.09" Landing Point Coordinates Lat: 39°06'30.71" Lon: 80°43'27.51" Bottom Hole Coordinates Lat: 39°02'51.69" Lon: 80°41'49.43"	Notes: Well No. Van Wie 1223 S-7H UTM NAD 1983 (USSF) Top Hole Coordinates N: 14,204,602.71' E: 1,720,586.06' Landing Point Coordinates N: 14,202,289.15' E: 1,718,669.11' Bottom Hole Coordinates N: 14,180,164.01' E: 1,726,471.96'	Notes: Well No. Van Wie 1223 S-7H UTM NAD 1983 (Meters) Top Hole Coordinates N: 4,329,571.565m E: 524,435.680m Landing Point Coordinates N: 4,328,866.391m E: 523,851.392m Bottom Hole Coordinates N: 4,322,122.634m E: 526,229.706m	

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ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
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Doddridge Co. (Cove Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 16	Marilyn Barnes, et al	W28 / 552	76.10
2	9 / 21	Carolyn R. Bass, et al	239 / 151	120.00
3	9 / 20	Clyde W. Marsh, et al	W36 / 152	149.00
4	9 / 26	Chestnut Oak, LLC	513 / 465	91.75
5	9 / 27	Willard L. Fuller, III	215 / 149	89.00
6	13 / 15.3	Willard L. Fuller, III	215 / 149	0.28
7	13 / 15.2	Diana H. Frank	W38 / 439	43.47
8	13 / 16	Ralph T. Bunten, Jr., et al	224 / 79	114.76
9	13 / 11	Yvonne Foster	W40 / 419	147.64
10	13 / 16.1	Ralph T. Bunten, Jr., et al	224 / 79	26.90
11	13 / 19	Henry G. & Sylvia R. Rastle	187 / 44	35.60
12	13 / 18	Kevin M. Kearney	251 / 298	100.00
13	10 / 17	Marilyn Barnes, et al	W28 / 552	90.00
Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
14	1D / 1	Elaine B. Mines & Helen B. Keplinger	515 / 317	154.25
15	1D / 5	Henry G & Sylvia Rasile	398 / 311	142.00
16	1D / 4	Fonda W. Simmons Trust	629 / 66	64.00
17	1D / 6	Fonda W. Simmons Trust	629 / 66	83.00
18	1D / 7	Fonda W. Simmons Trust	629 / 66	100.10
19	1E / 12	Fonda W. Simmons Trust	629 / 66	197.25
20	1E / 13	Thomas R. Riley, et al	577 / 553	59.90
21	1E / 14	Thomas E. Rastle	128 / 584	51.25
22	1E / 15	Lee M. Reese & Karon L. de Silva	620 / 391	63.38
23	1E / 16	Rabiab & Joseph I. Schulte, Jr.	311 / 509	64.00
24	1E / 17	Michael L. & Gwen Halliday	459 / 719	114.00
25	1E / 21	Michael L. & Gwen Halliday	459 / 719	1.72
26	1E / 20	Michael T. Parker	784 / 409	35.48
27	1F / 68	Jane E. Fitzpatrick Horn	W44 / 246	0.30
28	1F / 67	Jane E. Fitzpatrick Horn	W44 / 246	1.00
29	1F / 24	James R. Ireland & Kathryn A. Ireland	705 / 627	96.60
30	1F / 25	Donzel W. & Betty J. Gum	776 / 943	96.70
31	1F / 52	Edwin A. Alfred	562 / 309	135.25
32	1F / 27	Mike Ross Inc.	575 / 669	83.98
33	1F / 51	Waco Oil & Gas Co., Inc., et al	791 / 342	45.00
34	1F / 53	WV Minerals Inc.	679 / 274	189.34

ID	Lease
1	Carolyn Rastle Bass, et al
2	James L. Marsh, et al
3	Asset Management, LLC, et al
4	William M. Bailey, et al
5	Carolyn Davita Woofler Chancellor, et al
6	Dolores Hinter, et al
7	Martin Dwight Hall
8	HG Energy II Appalachia, LLC
10	HG Energy II Appalachia, LLC
11	HG Energy II Appalachia, LLC
12	HG Energy II Appalachia, LLC
13	William H. Hall & Mary E. Hall
14	Frank Rastle, et ux, et al
15	HG Energy II Appalachia, LLC
16	C.A. & Jane Rohr
17	Susan Marie Fair, et al
62	Susan Marie Fair, et al
82	Albert & Mary Crislip
85	Lora D. Ireland, et al
88	Andrew Edmiston, Jr., et ux, et al

FILE NO: 171-12-30-FC-22

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