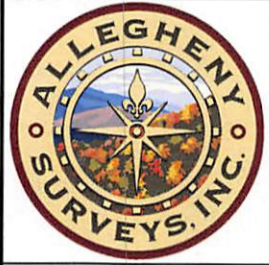


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

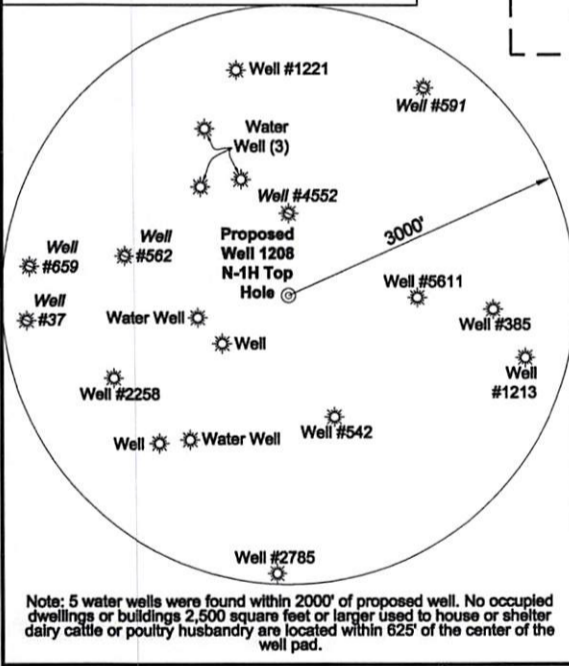
Dwayne D. Matheny, P.S. 2070

Tag	Bearing	Dist.
L1	S 36°48' E	1,226.4'
L2	S 21°29' E	1,242.3'
L3	S 89°47' W	1,355.7'
L4	N 68°11' W	1,178.0'
L5	S 88°38' W	1,737.2'



Notes:
Well No. 1208 N-1H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,955.94' E: 1,803,601.67'
Landing Point Coordinates
N: 14,218,914.39' E: 1,801,864.93'
Bottom Hole Coordinates
N: 14,230,768.05' E: 1,797,676.27'

Notes: Well No. 1208 N-1H
West Virginia Coordinate System of 1927, South Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'11.55" Latitude: 39°11'08.71"
Longitude: 80°25'28.34" Longitude: 80°26'42.68"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,946.438m N: 4,337,546.777m
E: 549,738.887m E: 547,932.823m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



Note: 5 water wells were found within 2000' 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: 195-36-G-18
DRAWING NO: 1208 N-1H Well Plat
SCALE: 1" = 1500'
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: September 20 20 19
OPERATOR'S WELL NO. 1208 N-1H
API WELL NO
47 - 033 - 05940
STATE COUNTY PERMIT

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

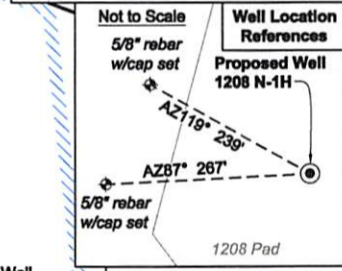
LOCATION: ELEVATION: 1,147' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford
DISTRICT: Grant / Union COUNTY: Harrison
SURFACE OWNER: Linda & William W. Brodwater III ACREAGE: 200
ROYALTY OWNER: Leeman B. Maxwell Heirs, et al LEASE NO: ACREAGE: 247.84
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) LP & BH MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,050' TVD
20,352' 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



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.)
- Interior surface tracts (approx.)

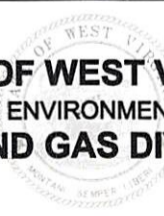


LONGITUDE 80 - 25 - 00
4,901' to Top Hole
8,222' to Bottom Hole

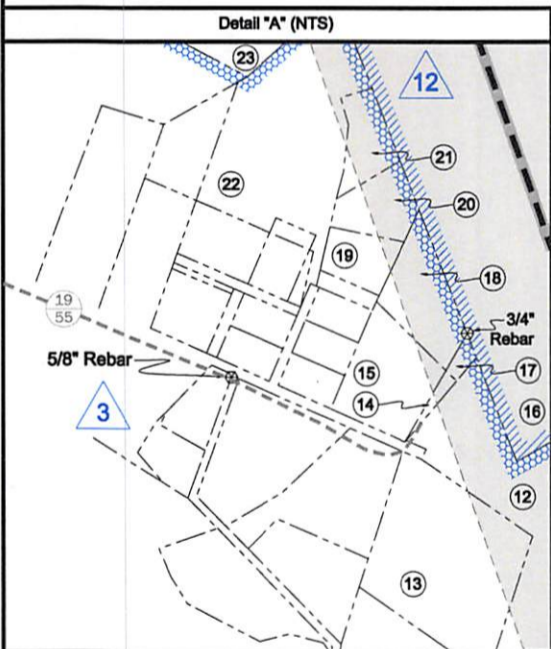
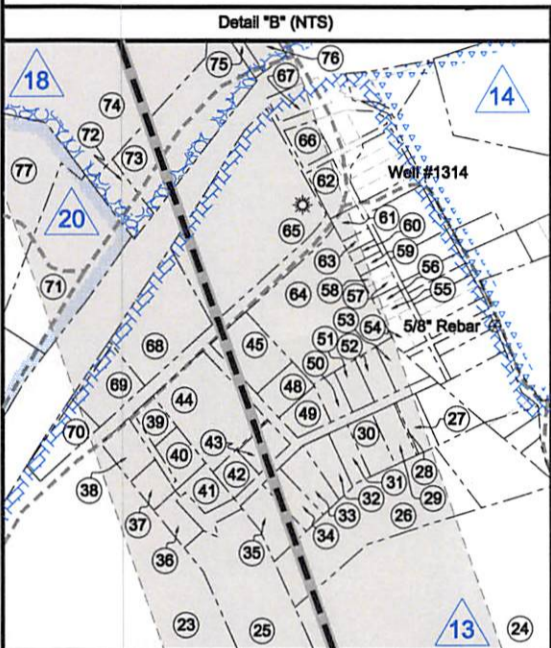
Top Hole
7.5' Spot

SEAL

GRID NORTH



ID	Lease	ID	Lease
1	Jerome B. Gusman	16	Howard W. Vanscoy, et al
2	Leeman B. Maxwell Heirs	18	George W. Washburn, et al
3	William Burnside, et al	19	Lloyd Washburn, et al
4	Orie Myers, et al	20	William Burnside
5	Claudia Hacker, et al	21	Olga E. Washburn, et ux
6	Leeman B. Maxwell Heirs	21.2	HG Energy II 108
10	Rebecca D. Reed, et al	21.3	HG Energy II 109
11	David Scott, et al	21.4	HG Energy II 110
12	Nathan Post, et al	22	J.P. Post & C.F. Post
13	William Burnside, et al	23	Fee
14	Joseph Cheuvront, et al		



No.	TM / Par	Owner	Bk / Pg	Ac.
76	404 / 48	Trustees of Bethel Methodist Church	649 / 350	0.46
75	404 / 55.7	Bethel ME Church	1191 / 266	0.21
74	404 / 55.1	Terence L. Washburn	1332 / 1140	42.37
73	404 / 55.12	Bethel ME Church	1191 / 266	2.47
72	404 / 55.13	Terence Washburn	1322 / 1140	0.496
71	404 / 49	William M. McDonald	1387 / 584	2.75
70	424 / 7.1	Rennard D. & Gladis G. Rinehart	1367 / 1158	0.52
69	424 / 7	Ronnie & Sandy Cochran	1394 / 185	0.65
68	424 / 8	Carl D. & Joyce E. Ward	1227 / 767	1.56
67	2003 / 1	Donovan F. Randolph Estates, et al	W183 / 397	0.06
66	2003 / 2			0.84
65	404 / 50	Billy L. & Barbara E. Nutter	953 / 526	3.77
64	2003 / 66	William & Grace Preece	1061 / 1168	3.11
63	2003 / 15	UNKNOWN	- / -	Lot 20
62	2003 / 5			0.19
61	2003 / 12	Veima Steif, et al	F095 / 796	0.15
60	2003 / 17			Lot 22
59	2003 / 19			Lot 24
58	2003 / 21	Edra B. Cox	WB117 / 12	Lot 26
57	2003 / 23			Lot 28
56	2003 / 25			Lot 30
55	2003 / 27	Brian & Kelli Rhoades	1522 / 736	Lot 32
54	2003 / 30			0.12
53	2003 / 63		1311 / 352	0.31
52	2003 / 62			0.25
51	2003 / 61	Nora Perrine	1165 / 171	0.24
50	2003 / 60	Roger & Diana Hurst	1165 / 165	0.23
49	2003 / 59	Donna Randolph	1004 / 948	0.30
48	2003 / 58		1473 / 409	0.34
47	404 / 8	Mary Ann Tiano	932 / 456	14.86
46	404 / 7			142.74
45	2003 / 56	Melinda Bibbee	1498 / 951	0.71
44	2003 / 55	James S. Murphy	1563 / 672	2.06
43	2003 / 54	Glenn Kirkpatrick	1454 / 295	0.32
42	2003 / 54.1	Carl & Carolyn James	999 / 805	0.23
41	424 / 6.6	Palmer C. Dolph II	1331 / 1127	0.34
40	424 / 6.3	Kimberly Sue Smithson	1364 / 506	0.34
39	424 / 6.5	Dale R. Holden	1368 / 135	0.30
38	424 / 6.1	John L. Homer	1212 / 1094	1 Lot
37	424 / 6.4	Todd Joseph Brown	1223 / 658	0.26
36	424 / 6.2	Jason & Teresa Allen	1501 / 702	0.27
35	2003 / 53	George & Madge Hennen	1345 / 808	0.56
34	2003 / 52		995 / 738	0.34
33	2003 / 51		986 / 728	0.38
32	2003 / 50	Heather J. & David L. Smallwood II	1408 / 638	0.33
31	2003 / 49	Albert Buzzelli	1295 / 507	0.30
30	2003 / 48	Kevin P. Barker	1336 / 633	0.35
29	2003 / 47	Howard D. & Judith J. Swick	1015 / 966	0.27
28	2003 / 46		1167 / 874	p/o Lot L
27	2003 / 46.1	Vivetta Carter	1340 / 747	0.27
26	2003 / 65	Christan & Katherine Meeker	1537 / 523	2.96
25	424 / 6.7	Wendy G. Richards	1444 / 1175	3.18
24	424 / 10	Joseph H. Mason & Dedire Mason Brown	WB119 / 1137	22.25
23	424 / 5	Joseph H. Mason	WB 87 / 514	41.13
22	424 / 53	Joe & Karen Gonzalez	1067 / 1095	6.04
21	424 / 55	Scott Louk	1378 / 139	0.874
20	424 / 55.3	James & Rhonda Kirby	1494 / 524	1.00
19	424 / 55.2	Amber Brooke Gaines	1548 / 73	0.808
18	424 / 29.1	Ovid & Joy Belt	1225 / 257	1.569
17	424 / 29	John & Paula Zirkle	1323 / 665	0.15
16	424 / 13	Gregory Gail Burnside	1326 / 146	34.60
15	424 / 28	Ovid & Joy Belt	1183 / 224	1.905
14	424 / 28.1	John & Paula Zirkle	1323 / 665	0.13
13	424 / 30	John & Paula Zirkle	1323 / 670	5.00
12	424 / 30.1	John & Paula Zirkle	1323 / 665	45.62
11	424 / 52.3	Robert J. Brightbill	1560 / 293	4.54
10	425 / 31.3	Gary S. & Melinda M. Brodwater	1354 / 175	2.00
9	424 / 52.1	Robert J. Brightbill	1560 / 293	139.98
8	424 / 52.2	David Keesucker	1533 / 1283	2.38
7	424 / 52	Bernice A. Keesucker	1186 / 552	2.17
6	425 / 31.1	Dona R. & David R. Scarff	1360 / 652	1.00
5	425 / 31.2	Linda & William W. Brodwater III	1343 / 1279	1.16
4	445 / 1		- / -	87.78
3	445 / 10	Lisa M. Nutter	WB 687 / 445	66.87
2	445 / 2			84.57
1	425 / 31	Linda & William W. Brodwater III	1410 / 1045	247.84

FILE NO: 195-36-G-18
DRAWING NO: 1208 N-1H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

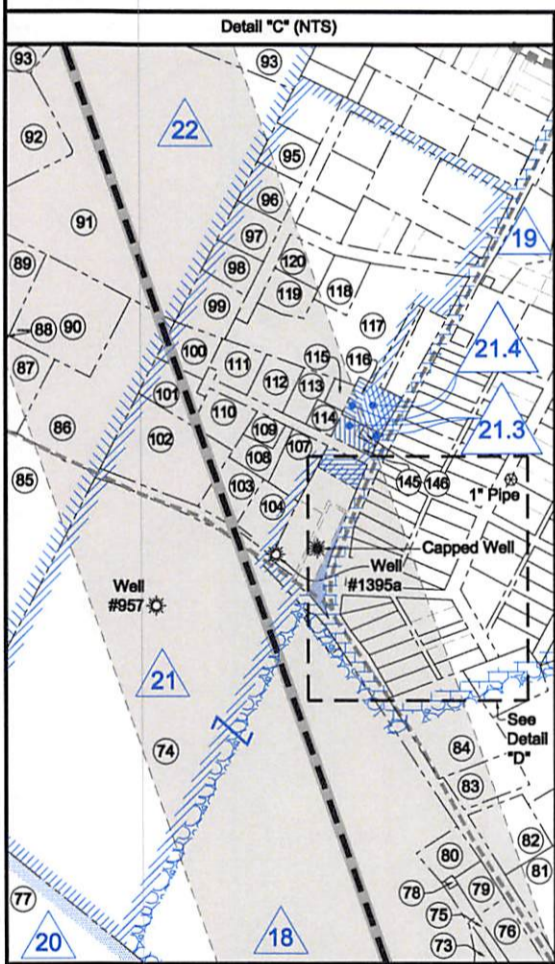
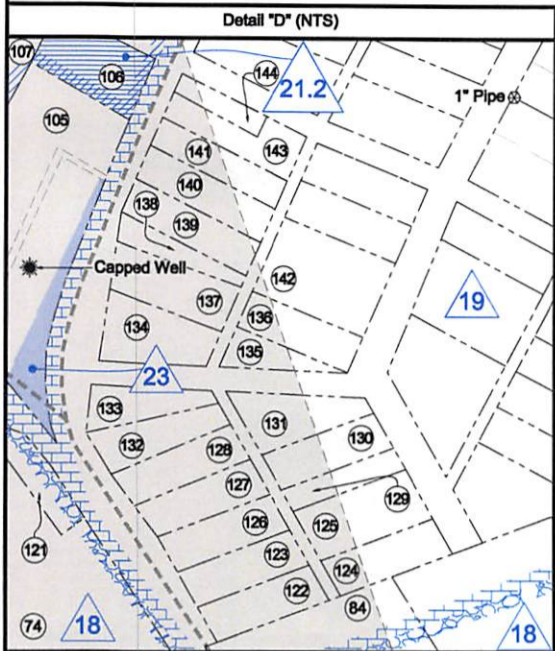
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: September 20 20 19
OPERATOR'S WELL NO. 1208 N-1H
API WELL NO
47 - 033 - 05940
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,147' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford
DISTRICT: Grant / Union COUNTY: Harrison
SURFACE OWNER: Linda & William W. Brodwater III ACREAGE: 200
ROYALTY OWNER: Leeman B. Maxwell Heirs, et al LEASE NO: _____ ACREAGE: 247.84
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) LP & BH MOD 7,050' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 20,352' 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



No.	TM / Par	Owner	Bk / Pg	Ac.
148	424 / 11.1	Eric A. & Alana N. Burnside	1365 / 1089	13.92
147	424 / 31	Chris & Misty Montgomery	1449 / 358	15.30
146	2901 / 9	Trustees of Jackson Lodge 35	360 / 11	0.07
145	2901 / 8		809 / 27	0.16
144	2901 / 89.1	Oscar Lee Rhodes	1231 / 1177	0.07
143	2901 / 89	Robert & Martha Allaman	1208 / 964	0.17
142	2901 / 117	Jon S. Skinner, et al	WB185/401	0.344
141	2901 / 88	Sherron K. McKinney & Frankie Snyder	1297 / 539	0.15
140	2901 / 87			0.18
139	2901 / 86			0.18
138	2901 / 85			0.12
137	2901 / 84	Mary E. James	1223 / 1017	0.22
136	2901 / 115	John & Dreama Homer	1267 / 953	0.172
135	2901 / 114			0.172
134	2901 / 83	Ronzel C. Sandra K. Richards	1077 / 1129	-
133	2901 / 82			0.185
132	2901 / 81			0.191
131	2901 / 113			0.22
130	2901 / 112	Gary Michael Ward & Eugene B. Ward Jr.	WB139 / 736	0.17
129	2901 / 111			0.10
128	2901 / 80	Robert D. Will	1114 / 601	0.172
127	2901 / 79			0.172
126	2901 / 78			0.172
125	2901 / 110			0.241
124	2901 / 109	Jason & Rebecca Riggelman	1351 / 1030	0.172
123	2901 / 77			0.172
122	2901 / 76		1242 / 968	0.172
121	404 / 45			0.13
120	2901 / 212	Melvin & Mary E. James	1064 / 131	0.13
119	2901 / 219.1	Andrew & Denise Bellerose	1558 / 989	0.41
118	2901 / 216	Warren E. Davis	1594 / 739	0.40
117	2901 / 219	Christopher & Rachel Hurst	1329 / 972	0.43
116	2901 / 10	Sharon M. Johnson, Trustee of Oleta M. Post Irrev. Trust	1576 / 818	19.00
115	2901 / 200.1	June D. Courtney	1116 / 412	0.57
114	2901 / 199	William & June Courtney	1274 / 979	0.13
113	2901 / 200	Trustees of Jackson Lodge 35	1044 / 1036	0.172
112	2901 / 204	Beverly K. Rinehart	1274 / 1176	0.45
111	2901 / 203	Joyce A. Pristavec	1123 / 626	0.430
110	2901 / 196	Randall R. & Debra L. Stover	1132 / 76	0.387
109	2901 / 201	Eugene R. & Lisa D. Messer	1246 / 593	0.51
108	2901 / 201.1	Judith Ann Carlin	1314 / 338	0.51
107	2901 / 198	Ronzel C. & Sandra K. Richards	1340 / 856	0.35
106	2901 / 7	Doyle L. & Rebecca J. Puckett	1461 / 916	0.50
105	2901 / 3	Robert J. Hitt & Amanda Jo Hitt	1594 / 742	0.26
104	2901 / 195	Wilann Ariene Bise 99% Int. & Rebecca Jane Puckett 1% Int.	1437 / 432	1.50
103	2901 / 195.1	Jennifer L. & David K. Downward	1410 / 140	0.56
102	2901 / 194	Ronzel C. & Sandra K. Richards	1282 / 548	0.55
101	2901 / 202	Frank R. & Shelby J. Costello	1374 / 207	1.75
100	2901 / 197	Kenneth R. & Heien M. Queen	1486 / 488	0.56
99	2901 / 219.2	Brian & Karrell A. Vernon	1226 / 350	0.53
98	2901 / 217	Ryan & Sara Armstone	1402 / 603	1.19
97	2901 / 208	Edward & Loretta McElwee	1217 / 292	0.50
96	2901 / 207	James & Megan Williams	1512 / 262	0.50
95	2901 / 206	Sandra K. & Ersei E. Mogan Jr.	1332 / 1114	0.49
94	404 / 32.4	Thomas & Kristle Wardelle	1542 / 351	0.48
93	404 / 32.5	Post Heritage, LLC	1399 / 155	10.43
92	404 / 33	Richard P. & Carol L. Rapping	1399 / 71	12.70
91	404 / 32.9	William F. & Catherine A. Rapping	1399 / 87	14.74
90	404 / 33.6	Patricia R. & William T. Douglass	1399 / 93	11.90
89	404 / 33.4	Kenneth R. & Helen M. Queen	1292 / 1071	1.84
88	404 / 33.3	Marsha Romine	1333 / 190	1.82
87	404 / 33.1		1333 / 192	0.305
86	404 / 33.2	Lisa A. Moore	1369 / 1030	1.10
85	404 / 43	Richard E. Lawrence	1016 / 123	1.68
84	404 / 46	Perry L. & Deborah J. Post	1329 / 346	96.12
83	404 / 55.6	Annette C. Nichols	1370 / 901	1.68
82	404 / 55.5	Brian W. Myers	1439 / 1139	0.63
81	404 / 52			0.75
80	404 / 55.2	Jackson Lodge 35 A.F. & A.M.	342 / 378	2.90
79	404 / 47	Michael J. & Sandra R. Bode	1022 / 193	0.51
78	404 / 55.8	Bethel ME Church	828 / 539	0.31
77	424 / 2	Grant Union PSD	1184 / 949	0.02
		William Michael McDonald	1387 / 583	293.21

FILE NO: 195-36-G-18
DRAWING NO: 1208 N-1H Well Plat
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MINIMUM DEGREE OF ACCURACY:
Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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