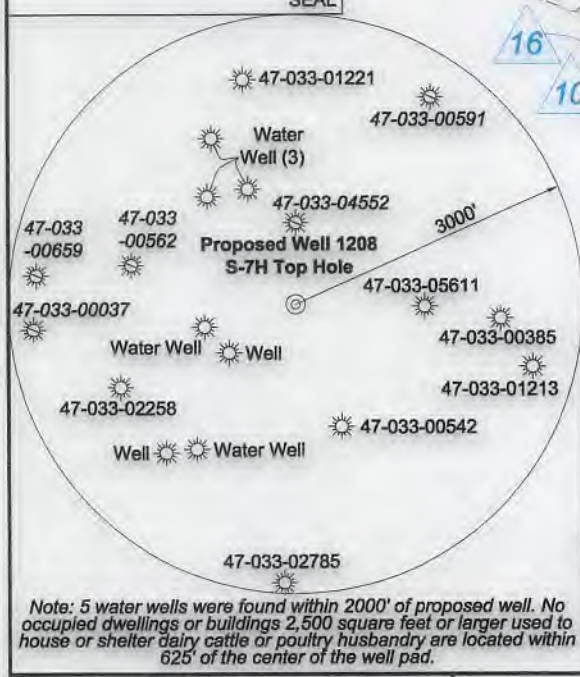


Tag	Bearing	Dist.
L1	S 44°20' E	1,485.1'
L2	S 31°30' E	1,450.2'
L3	S 85°21' W	1,056.2'
L4	N 65°40' W	867.6'
L5	S 47°57' W	979.4'

- 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.)



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.



9,823' to Bottom Hole
1,929' to Top Hole
Top Latitude 39 - 10 - 00
Btm Latitude 39 - 07 - 30

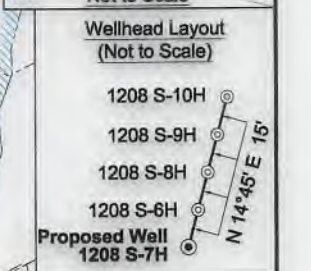
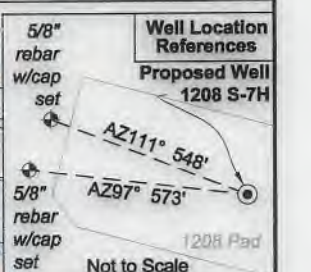
I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

Dwayne D. Matheny
Dwayne D. Matheny, P.S. 2070

Top Longitude 80 - 25 - 00
Btm Longitude 80 - 22 - 30
4,983' to Top Hole
3,373' to Bottom Hole

Notes: Well No. 1208 S-7H
West Virginia Coordinate System of 1927, South Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'10.74" Latitude: 39°06'56.65"
Longitude: 80°25'24.49" Longitude: 80°24'34.67"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,921.945m N: 4,329,796.487m
E: 549,831.240m E: 551,054.054m
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. 1208 S-7H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,875.58' E: 1,803,904.66'
Landing Point Coordinates
N: 14,218,219.64' E: 1,803,177.37'
Bottom Hole Coordinates
N: 14,205,340.64' E: 1,807,916.51'



FILE NO: 195-36-G-18
DRAWING NO: 1208 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

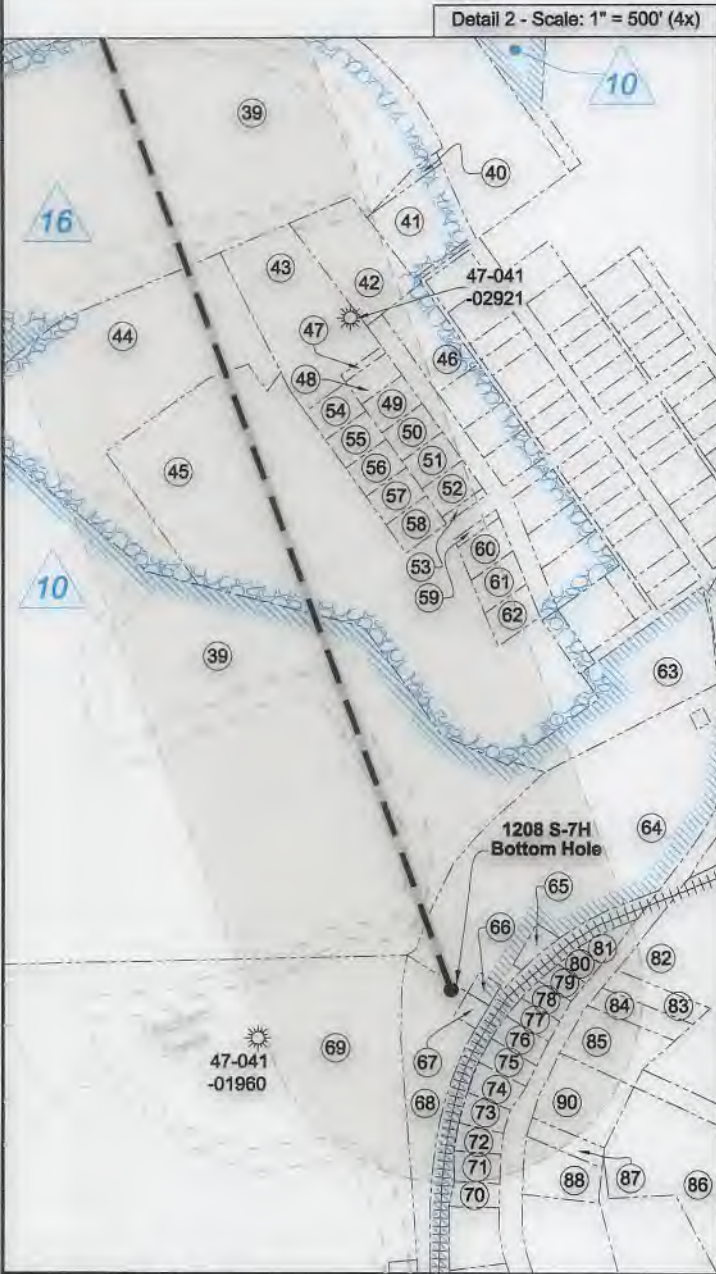
DATE: July 3 20 19
OPERATOR'S WELL NO. 1208 S-7H
API WELL NO. **H4A**
47 - 033 - 05160
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,147' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
SURFACE OWNER: Linda & William W. Brodwater III
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) 7,050' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,307' 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



Lewis County - Hackers Creek District				
No.	TM / Par	Owner	Bk / Pg	Ac.
16	8B / 6	Roy G. Juckett	638 / 520	34.00
17	8B / 7	William E. Watson	547 / 164	71.51
18	8B / 7.3	Risha Family LP	712 / 700	3.21
19	8B / 7.2	USARC Military Reservation	509 / 790	9.83
20	8B / 7.16	Big Brother & Holding Co.	682 / 778	4.77
21	8B / 7.15	Big Brother & Holding Co.	682 / 778	2.84
22	8C / 30	RGL Inc.	665 / 707	11.90
23	8B / 7.14	Big Brother & Holding Co.	682 / 778	4.68
24	8C / 103	Thomas R. & Kathy M. Ellis	653 / 62	0.36
25	8C / 30.2	Victoria S. Martin	465 / 37	11.91
26	8C / 31	Victoria S. Martin	380 / 183	5.51
27	8C / 95	Henry J. & Margaret G. Ford	630 / 431	0.36
28	8C / 97	Forest J. & JoAnn Nicholson	587 / 722	0.34
29	8C / 98	Sandra Kay Matthews	620 / 376	0.34
30	8C / 99	Mark F. Smith	593 / 8	0.34
31	8C / 100	Philip C. & Norma K. Alfred	605 / 254	1.28
32	8C / 96	Garland E. & Jean C. Chapman	666 / 441	0.39
33	8C / 93	Richard J. Davis	W33 / 424	0.40
34	8C / 92	Rebecca T. Cronin	625 / 583	0.447
35	8C / 91	Kenneth E. & Alice F. Smith	683 / 572	0.46
36	8C / 31.3	Victoria S. Martin	349 / 591	5.00
37	8C / 31.2	Victoria S. Martin	377 / 285	2.67
38	8C / 31	Elizabeth D. & Carl A. Meahl Jr.	536 / 90	1.93
39	8C / 33.2	C.D. Cole	502 / 70	150.51
40	5 / 62	William C. White	W23 / 102	0.097
41	5 / 63	William C. White	W23 / 102	0.86
42	8C / 33.5	Michael B. & Judy M. Grogg	511 / 612	1.14
43	8C / 33.10	Linda J. Cooke	FID	1.79
44	8C / 33	Lantetta S. & Glenna K. Myers	598 / 332	6.73
45	8C / 33.1	Jane Lew Associates	409 / 488	10.35
46	8C / 33.7	David D. & Kimberly M. Marple	514 / 156	0.74
47	8C / 33.4	Lowell Weaver	580 / 680	0.059
48	8C / 33.3	Sharon K. Weaver	507 / 475	0.214
49	5 / 50	David & Sharon Snyder	370 / 149	0.27
50	5 / 51	Bethel M. Cruze	700 / 794	0.27
51	5 / 52	Sharon Stalknaker	622 / 270	0.27
52	5 / 53	Lowell W. Weaver	471 / 668	0.27
53	8C / 33.4	Lowell W. Weaver	580 / 680	0.06
54	5 / 58	Carol Susan Taylor	627 / 593	0.27
55	5 / 59	Carol Susan Taylor	627 / 593	0.26
56	5 / 60	Dale & Katherin Holden	680 / 239	0.26
57	5 / 61	Michael L. & Betty A. Ford	379 / 386	0.27
58	5 / 54	Joetta J. & George Anderson	594 / 552	0.27
59	5 / 64	Betty Hitt	582 / 261	0.07
60	5 / 55	Larry F. Bean II	634 / 569	0.276
61	5 / 56	William F. & Linda K. Murphy	731 / 666	0.276
62	5 / 57	Marjorie & Linda C. Hyatt	510 / 581	0.275
63	8C / 33.12	Lisa & David Wagner	604 / 150	2.34
64	8C / 47	C.J. Martin II	666 / 168	5.67
65	1 / 42.1	Derek Long	642 / 334	0.19
66	8C / 47.1	C.J. Martin II	666 / 168	0.09
67	8C / 47.2	C.J. Martin II	666 / 168	0.11
68	8C / 47.3	C.J. Martin II	666 / 168	1.40
69	8C / 34	Charles D. Cole II	437 / 680	136.87
70	1 / 34	Melissa S. Mann	724 / 943	0.17
71	1 / 35	Big Brother & Holding Co. LLC	682 / 411	0.21
72	1 / 36	Big Brother & Holding Co. LLC	682 / 411	0.16
73	1 / 37.1	Zachary Lamb	674 / 66	0.19
74	1 / 37	Jason D. & Sarah H. Bryant	651 / 730	0.45
75	1 / 38	Amanda Jo Frazier	651 / 69	0.16
76	1 / 39	Cinda Roby, et al	W46 / 139	0.21
77	1 / 40	Dale Keith McCoy	657 / 360	0.17
78	1 / 41	Robert M. Brown	682 / 220	0.15
79	1 / 42	Jay H. & Linda McCarty	450 / 338	0.14
80	1 / 43	Douglas E. & Ruth M. Ferrell	680 / 150	0.12
81	1 / 44	Douglas E. & Ruth M. Ferrell	680 / 150	0.19
82	8C / 50	Micah Stover	725 / 152	8.76
83	1 / 46.1	David L. & Celia K. Radcliff	576 / 818	0.33
84	1 / 46.2	David L. & Celia K. Radcliff	576 / 818	0.32
85	1 / 46	Garrison & Heather Grogg	706 / 58	0.75
86	1 / 68	Board of Education	216 / 215	2.80
87	1 / 48	Board of Education	151 / 129	0.28
88	1 / 84	Christel L Beam	738 / 201	0.568
89	8C / 94	William E. Watson	566 / 489	0.197
90	1 / 47	Board of Education	— / —	1.00

FILE NO: 195-36-G-18
DRAWING NO: 1208 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 3 20 19
OPERATOR'S WELL NO. 1208 S-7H
API WELL NO. 
47 - 033 - 02960
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

Top - West Milford
QUADRANGLE: Btm - Weston

DISTRICT: Grant / Hackers Creek

COUNTY: Harrison / Lewis

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)

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,050' TVD
21,307' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

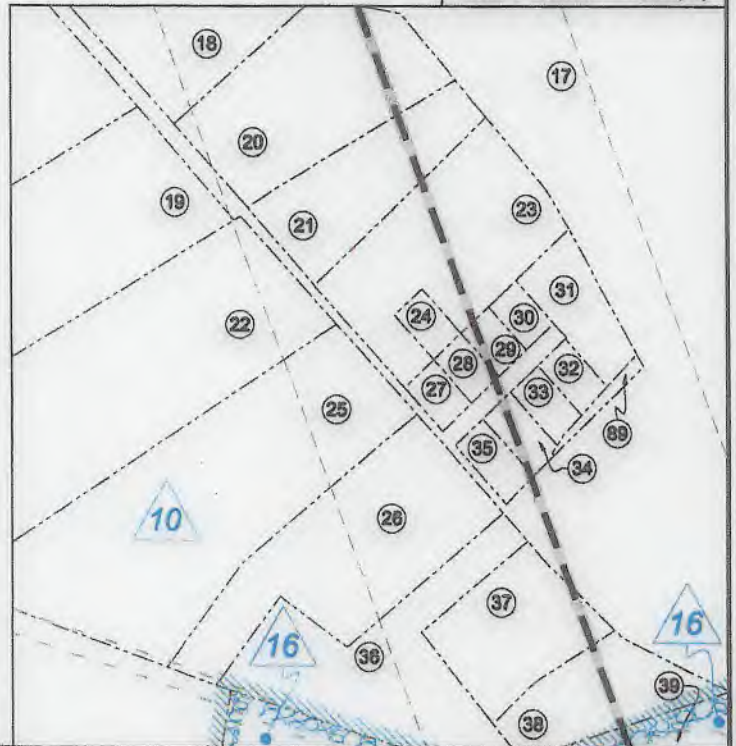
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

Harrison County - Grant-Outside District

No.	TM / Par	Owner	Bk / Pg	Ac.
1	425 / 31	Linda & William W. Brodwater III	1410 / 1045	247.84
2	425 / 1	Lisa M. Nutter	1577 / 738	87.78
3	444 / 14	Robert J. Brightbill	1580 / 293	55.62
4	445 / 10	Lisa M. Nutter	W687 / 445	66.87
5	445 / 9	Lisa M. Nutter	W687 / 445	105.50
6	445 / 18	George W. & Sandra Garton	1425 / 838	30.52
7	445 / 20	Edwin & Gertrude Bush Trustees	1425 / 846	91.70
8	445 / 21	Robert Allman, et al	W177 / 231	41.11
9	445 / 32	Patricia T. Garton	1425 / 854	43.15
10	445 / 44	Danny K. & Katherine Snyder	F120 / 161	95.51
11	485 / 3	Patricia T. Garton	1425 / 854	4.56
12	485 / 4.1	John G. & Rebecca M. Moore	1421 / 350	353.80
13	485 / 4	John G. & Rebecca M. Moore	1428 / 929	10.00
14	485 / 1.1	Carla K. Barron	1421 / 374	5.01
15	485 / 1.2	Roy Gregory Juckett	1437 / 1115	6.45

Detail 1 - Scale: 1" = 500' (4x)



ID	Lease
1	Jerome B. Gusman
2	Leeman B. Maxwell Heirs
3	A.J. Smith, et ux
4	W.L. & Flora Hughes
5	Hannah H. Smith
6	Walter Neely, et al
7	Page Hamner Thomas, et al
8	Howard Neely
9	W.A. Jackson
10	Isaac Jackson
11	Pearl Reel
12	William C. White
13	J.W. Jackson
14	Mike Ross, Inc.
15	Garnett M. Corley
16	William White et al.
18	David Kent Moss, et al

FILE NO: 195-36-G-18
DRAWING NO: 1208 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 3 20 19
OPERATOR'S WELL NO. 1208 S-7H
API WELL NO HGA
47 - 033 - 0596D
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: Top - West Millford
Btm - Weston

DISTRICT: Grant / Hackers Creek

COUNTY: Harrison / Lewis

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) _____

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 21,307' MD 7,050' TVD

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