

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

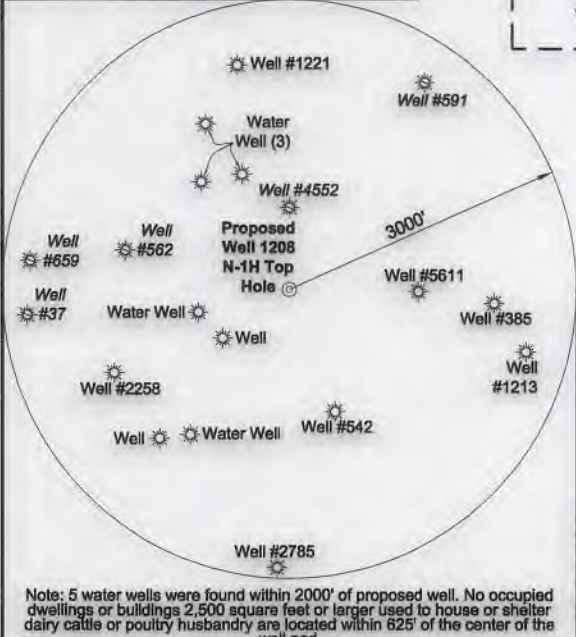
03/29/2019

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 84°37' W	2,218.0'



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: 14,218,747.80' E: 1,801,393.50'
Bottom Hole Coordinates
N: 14,230,981.95' E: 1,797,070.39'

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°11'10.86"
Longitude: 80°25'28.34" Longitude: 80°26'50.34"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,946.438m N: 4,337,611.974m
E: 549,738.887m E: 547,748.150m
Plat orientation and corner and well references are based upon the grid north meridian.
Well location references are based upon the magnetic meridian.



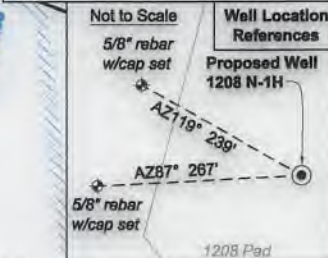
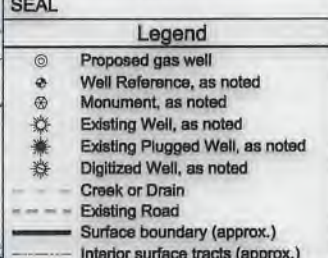
FILE NO: 195-36-G-18
DRAWING NO: 1208 N-1H Well Plat
SCALE: 1" = 1500'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

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

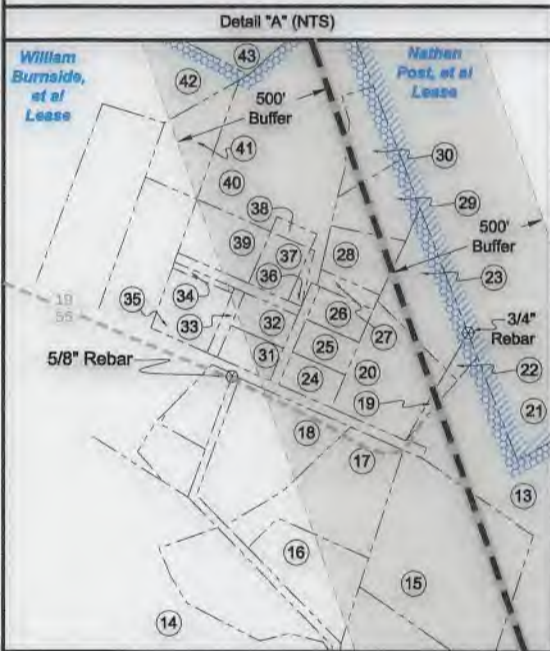
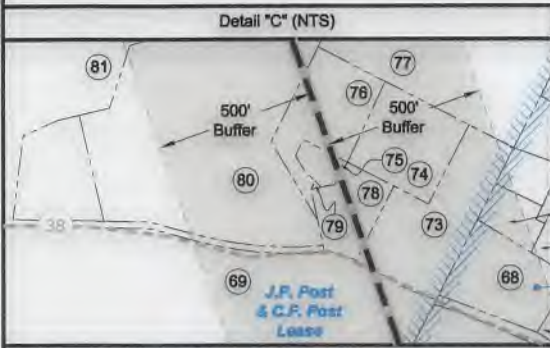
DATE: November 13 2018
OPERATOR'S WELL NO. 1208 N-1H
API WELL NO. 47-033-05940
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,149' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Union
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: 20,966' 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



LONGITUDE 80 - 25 - 00
4,965' to Top Hole
8,005' to Bottom Hole



Olga E. Washburn, et ux Lease
Joseph Chevront, et al Lease

No.	TM / Par	Owner	Bk / Pg	Ac.
86	404 / 7	Mary Ann Tiano	932 / 456	142.74
85	404 / 32	Post Heritage, LLC	1399 / 155	68.80
84	404 / 32.6	Nancy Jean Murphy	1399 / 76	13.26
83	404 / 32.4	Post Heritage, LLC	1399 / 155	10.43
82	404 / 32.5	Richard P. & Carol L. Rapking	1399 / 71	13.70
81	404 / 32.7	Marjorie E. & Morrell E. Rapking, Jr.	1399 / 76	13.26
80	404 / 33	William F. & Catherine A. Rapking	1399 / 87	14.74
79	404 / 33.5	Marsha Romine	1333 / 188	0.008
78	404 / 33.1	Lisa A. Moore	1369 / 1030	1.10
77	404 / 32.9	Patricia R. & William T. Douglass	1399 / 93	11.90
76	404 / 33.4	Marsha Romine	1333 / 190	1.82
75	404 / 33.3	Marsha Romine	1333 / 192	0.305
74	404 / 33.6	Kenneth R. & Helen M. Queen	1292 / 1071	1.84
73	404 / 33.2	Richard E. Lawrence	1016 / 123	1.68
72	2901 / 202	Kenneth R. & Helen M. Queen	1486 / 488	0.56
71	2901 / 196	Eugene R. & Lisa D. Messer	1246 / 593	0.51
70	2901 / 195.1	Ronzel C. & Sandra K. Richards	1282 / 548	0.55
69	404 / 43	Perry L. & Deborah J. Post	1329 / 346	96.12
68	2901 / 194	Frank R. & Shelby J. Costello	1374 / 207	1.75
67	404 / 55.1	Terence L. Washburn	1332 / 1140	42.37
66	424 / 2	William Michael McDonald	1387 / 583	293.21
65	404 / 49	William M. McDonald	1387 / 584	2.75
64	404 / 55.13	Terence Washburn	1322 / 1140	0.496
63	404 / 55.12	Bethel ME Church	1191 / 266	2.47
62	404 / 50	Billy L. & Barbara E. Nutter	953 / 526	3.77
61	2003 / 56	Melinda Bibbee	1498 / 951	.71
60	424 / 7	Ronnie & Sandy Cochran	1394 / 185	0.85
59	424 / 8	Carl D. & Joyce E. Ward	1227 / 767	1.56
58	424 / 7.1	Rennard D. & Gladis G. Rinehart	1367 / 1158	0.82
57	424 / 6.4	John L. Homer	1223 / 858	0.26
56	424 / 6.1	John L. Homer	1212 / 1094	1 Lot
55	424 / 6.3	Kimberly Sue Smithson	1364 / 506	0.34
54	424 / 6.5	Dale R. Holden	1388 / 135	0.30
53	2003 / 55	James S. Murphy	1563 / 872	2.06
52	2003 / 54	Glenn Kirkpatrick	1454 / 295	0.32
51	2003 / 54.1	Carl & Carolyn James	999 / 805	0.23
50	424 / 6.6	Palmer C. Dolph II	1331 / 1127	0.34
49	424 / 6.2	Todd Joseph Brown	1501 / 702	0.27
48	2003 / 53	Jason & Teresa Allen	1345 / 808	0.56
47	2003 / 52	George & Madge Hennen	998 / 738	0.34
46	2003 / 85	Christan & Katherine Meeker	1537 / 523	2.96
45	424 / 10	Joseph H. Mason & Dedire Mason Brown	WB119 / 1137	22.25
44	424 / 6.7	Wendy G. Richards	1444 / 1175	3.18
43	424 / 5	Joseph H. Mason	WB 87 / 514	41.13
42	424 / 26.4	Joe & Karen Gonzalez	1170 / 699	5.96
41	424 / 26.1	Joe & Karen Gonzalez	1070 / 516	1.12
40	424 / 53	Gary & Cheryl Drummond	1067 / 1095	6.04
39	424 / 53.2	Gary & Cheryl Drummond	1092 / 365	0.96
38	424 / 53.4	Rockie & Josephine Gibson		0.086
37	424 / 53.1	Rockie & Josephine Gibson	1323 / 1103	0.548
36	424 / 53.3	Rockie & Josephine Gibson		0.086
35	424 / 26.5	Frankie J. & Lorraine Gervella	1081 / 583	0.897
34	424 / 26.8	Frankie J. Gervella	1164 / 499	0.09
33	424 / 26.7	Frankie J. Gervella	1116 / 729	0.18
32	424 / 26.4	Elaine R. Nutter	W123 / 296	0.45
31	424 / 26	Kasi & Russel J. Myers II	1367 / 572	0.45
30	424 / 55	Scott Louk	1378 / 139	0.874
29	424 / 55.3	James & Rhonda Kirby	1494 / 524	1.00
28	424 / 55.2	Amber Brooke Gaines	1548 / 73	0.808
27	424 / 55.1	Claudia Tenney	1439 / 543	0.23
26	424 / 26.6	Claudia Tenney		0.45
25	424 / 26.3	Kazimer A. & Pamela L. Kapis	1040 / 590	0.45
24	424 / 26.2	Gerold & Doris Lynch	1496 / 290	0.45
23	424 / 29.1	Ovid & Joy Belt	1225 / 257	1.569
22	424 / 29	John & Paula Zirkle	1323 / 665	0.15
21	424 / 13	Gregory Gail Burnside	1326 / 146	34.60
20	424 / 28	Ovid & Joy Belt	1183 / 224	1.905
19	424 / 28.1	John & Paula Zirkle	1323 / 665	0.13
18	424 / 56	Charolette Ann Heater	1352 / 18	2.59
17	424 / 57	Charolette Ann Heater	1208 / 934	2.44
16	424 / 58	Charolette Ann Heater	1205 / 882	1.82
15	424 / 30	John & Paula Zirkle	1323 / 670	5.00
14	424 / 45.8	Gregory & Kimberly Bodkin	1406 / 1029	17.26
13	424 / 30.1	John & Paula Zirkle	1323 / 665	45.62
12	424 / 46	Edawrd M. Bodkin	1152 / 52	15.00
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	Lisa M. Nutter	- / -	87.78
3	445 / 10	Lisa M. Nutter	WB 687 /	66.87
2	445 / 2	Lisa M. Nutter	445	84.57
1	425 / 31	Linda & William W. Brodwater III	1410 / 1045	247.84

03/29/2019

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

DATE: November 13 2018
OPERATOR'S WELL NO. 1208 N-1H
API WELL NO 46A
47 - 033 - 05140
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,149' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford
DISTRICT: Grant / Union COUNTY: Harrison
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ROYALTY OWNER: Leeman B. Maxwell Heirs, et al LEASE NO: _____ ACREAGE: 247.84
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