

No.	TM / Par	Owner	Bk / Pg	Ac.
72	2901 / 180			0.172
	2901 / 150	Adam Lee Carder	W171 / 954	0.172
	2901 / 137			0.406
71	2901 / 140	Elma Toothman & Cynthia Marsh, et al	F094 / 806	0.344
	2901 / 142			0.172
70	2901 / 141	Jeremy S. Wagoner	1318 / 925	0.172
	2901 / 166			0.172
69	2901 / 185	Bruce & Luella Cayton	1373 / 35	0.172
	2901 / 164			0.344
	2901 / 162			0.344
68	2901 / 144	TAD Investments LLC	1562 / 172	0.172
	2901 / 143			0.172
	2901 / 145			0.172
67	2901 / 148	Blity J. Guhl	1557 / 649	0.172
	2901 / 148			0.172
66	2901 / 148	Bradford & Nicholee Cottrill	1506 / 806	0.24
65	2901 / 149	Dixie L. Quickle	1357 / 413	0.24
64	2901 / 128.1	Rebecca Morris	W157 / 802	0.33
	2901 / 128			1.06
63	2901 / 100	Kathryn Burnside	1577 / 314	0.64
62	2901 / 129	Scharollette B. Dunlap	1348 / 347	1.44
61	2901 / 101.1	Grant-Union PSD	1173 / 393	0.02
60	2901 / 101.2	Mary Tiney	1449 / 85	0.84
59	2901 / 215	Michael Price	1398 / 915	0.40
	2901 / 221			1.25
58	2901 / 220	Gene Edward & Linda Carole Cox	1049 / 971	0.817
	2901 / 17.5			0.45
57	2901 / 17.5	Mary K. Heath	1478 / 380	0.45
56	2901 / 17.8	Richard D. & Melissa S. Grimm	1428 / 49	0.55
55	2901 / 17.3	Todd J. Pratt	1489 / 872	0.45
54	2901 / 17.7	Rodney J. Rollins	1447 / 1001	0.56
	2901 / 18			0.55
53	2901 / 18	Charles & Carrie Pack	1304 / 61	0.55
52	2901 / 178	Jamie Baker & Keria Kover	1585 / 926	0.50
51	2901 / 179	John C. & Shaeta Miller	1562 / 899	0.50
50	2901 / 71	Richard W. & Rhva L. Bartlett	1580 / 180	1.17
49	2901 / 58	Gregory Somerville	1422 / 1277	0.97
48	2901 / 59	Charles & Lea Ann Dobbins	1107 / 731	0.51
	2901 / 74			0.53
47	2901 / 73	Ralph E. & Shaelvie J. Campbell	921 / 270	0.38
	2901 / 75			0.87
46	2901 / 75.1	Hilda J. Flint	1183 / 1157	0.57
	404 / 16			3.06
45	2901 / 75.1	Sharon D. Emerson	W181 / 477	0.57
44	404 / 16	Kelley & Victoria J. Roark	1518 / 173	3.06
43	2901 / 108	Larry G. & Lisa S. Campbell	1344 / 830	0.54
42	2901 / 107	Erin K. & John D. Vaughn II	1535 / 813	2.00
41	2901 / 108.1	John D. & Teresa C. Vaughn	1502 / 142	1.773
40	2901 / 105	Joshua B. & Amber D. Campbell	1427 / 90	0.50
39	404 / 34	Callwell J. & Patricia F. Hutson	1209 / 163	11.00
	2901 / 152			0.82
38	2901 / 150	Harrison County Commission	1494 / 195	0.17
	404 / 35			12.80
37	404 / 35.1	Bruce W. & Luella R. Cayton	1029 / 339	0.30
	404 / 64			0.17
	404 / 63			0.17
35	404 / 62	Dennis J. Burnside Jr., et al	F112 / 1123	0.17
	404 / 81			0.17
	404 / 80			0.17
34	404 / 36	Dennis J. Burnside Jr., et al	F112 / 1123	16.30
33	404 / 37	Larry & Rebecca Myers	WB148/1089	18.10
32	404 / 54		798 / 235	1.35
31	404 / 55.3	Jackson Lodge 36 A.F. & A.M.	1032 / 1061	0.42
30	404 / 55.11		1191 / 281	1.79
29	404 / 55	Larry & Rebecca Myers	WB148/1089	54.74
28	2003 / 14	Ernest D. Burton	1558 / 413	3.81
27	2003 / 14.2	Billy & Sarah Garrett	1491 / 531	0.99
26	2003 / 43	Jack Ewart, et ux Living Trust	1557 / 1005	0.25
	2003 / 41			0.29
25	2003 / 42			0.28
24	2003 / 44	Patricia Ann Highland	1478 / 216	0.35
23	424 / 10	Joseph H. Mason & Dedine Mason Brown	WB119/1137	22.25
22	406 / 75	William Michael McDonald	1377 / 99	202.18
21	424 / 11.1	Eric A. & Alana N. Burnside	1385 / 1089	13.92
20	425 / 2	Lonzo A. & Erica Martin	1589 / 1078	5.035
19	425 / 1	Joel B. Shuman, et al	WB188/472	89.00
18	424 / 31	Chris & Misty Montgomery	1449 / 358	15.30
17	424 / 32	Chad W. Johnson	1481 / 22	0.98
16	425 / 33	David A. & Julie Keesucker	1262 / 81	34.70
15	425 / 33.5	Shawn & Ashley B. SanJulian	1512 / 978	5.80
14	425 / 32	Terri L. Winters	1448 / 74	2.00
	425 / 33.3			2.00
13	425 / 33.2	Earl Milton Jenkins	1285 / 521	2.00
	425 / 33.1			2.00
12	425 / 33.4	David J. & Angeena K. Keesucker	1439 / 457	3.01
11	424 / 11	Gary L. & Amy Cross	1555 / 1018	1.83
10	425 / 31.3	Gary S. & Melinda M. Brodwater	1354 / 175	2.00
9	424 / 52.1	Robert J. Brightbill	1580 / 293	139.98
8	424 / 52.2	David Keesucker	1533 / 1283	2.38
7	424 / 52	Bernice A. Keesucker	1188 / 552	2.17
6	425 / 31.1	Dona R. & David R. Scarff	1380 / 652	1.00
5	425 / 31.2	Linda & William W. Brodwater III	1343 / 1279	1.16
4	445 / 1		- / -	87.78
3	445 / 10	Lee M. Nutter	WB 667 / 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-3H As-Drilled 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: April 28 20 20
OPERATOR'S WELL NO. 1208 N-3H
API WELL NO
47 - 033 - 05952
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: 12/31/2021
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) 6,936' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,820' 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

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

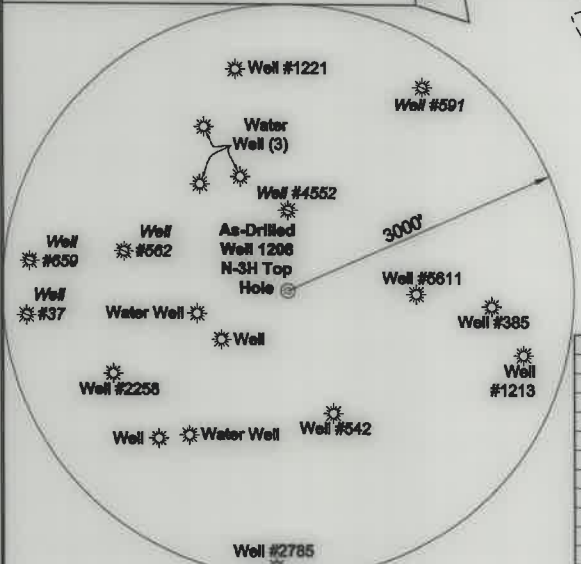
LONGITUDE 80 - 25 - 00
4,872' to Top Hole
8,920' to Bottom Hole

Tag	Bearing	Dist.
L1	S 37°55' E	1,208.0'
L2	S 22°19' E	1,218.3'
L3	N 69°00' W	1,348.3'
L4	N 66°44' W	1,182.0'



Notes:
Well No. 1208 N-3H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,964.95' E: 1,803,809.30'
Landing Point Coordinates
N: 14,219,004.14' E: 1,803,465.06'
Bottom Hole Coordinates
N: 14,230,063.00' E: 1,799,768.90'

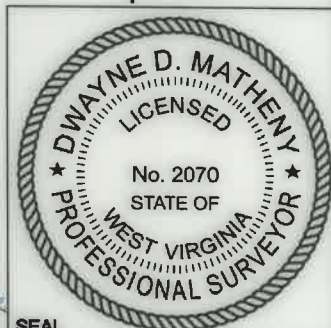
Notes: Well No. 1208 N-3H
West Virginia Coordinate System of 1927, South Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'11.84" Latitude: 39°11'01.81"
Longitude: 80°25'28.24" Longitude: 80°26'16.13"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,955.281m N: 4,337,337.973m
E: 549,741.214m E: 548,570.658m
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.

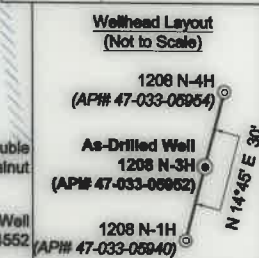
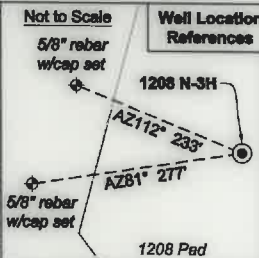
ID	Lessee
1	Jerome B. Gusman
2	Leeman B. Maxwell Heirs
3	William Burnside, et al
4	Oris Myers, et al
5	Claudia Hacker, et al
6	Leeman B. Maxwell Heirs
10	Rebecca D. Reed, et al
11	David Scott, et al
12	Nathan Post, et al
13	William Burnside, et al
14	Joseph Chevront, et al
16	Howard W. Vanascoy, et al
18	George W. Washburn, et al
19	Lloyd Washburn, et al
21	Olga E. Washburn, et ux
22	J.P. Post & C.F. Post

Top Hole
7.5' Spot



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.)



FILE NO: 195-36-G-18
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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: April 28 20 20
OPERATOR'S WELL NO. 1208 N-3H
API WELL NO
47 - 033 - 05952
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

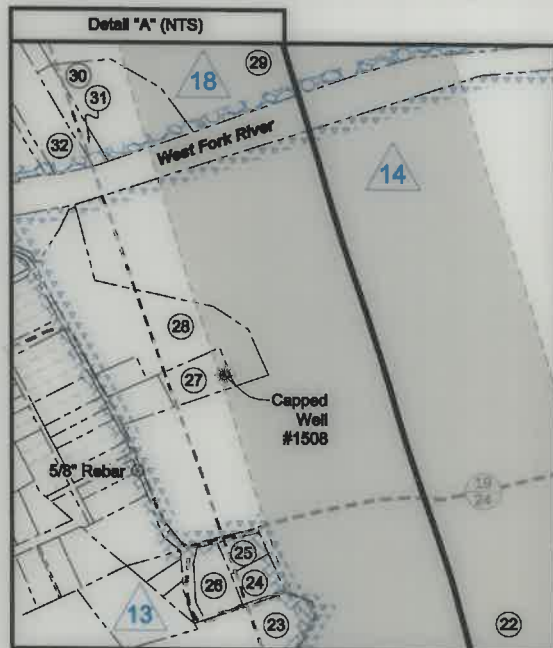
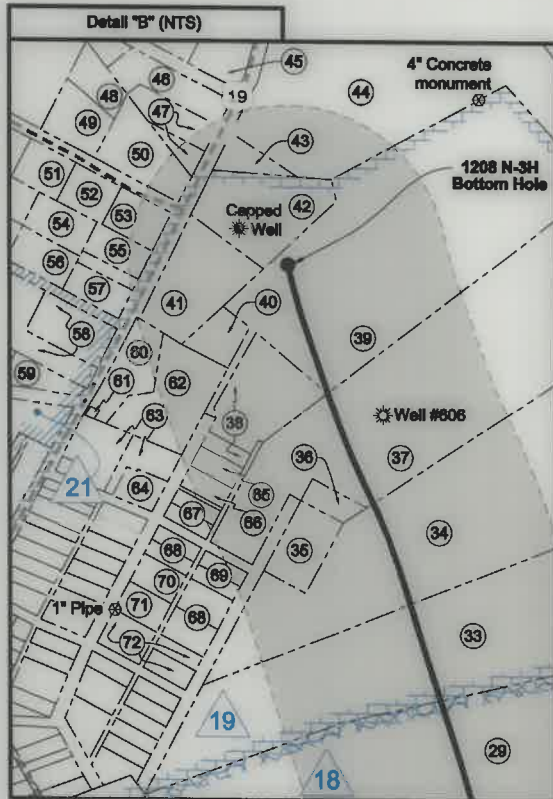
LEASE NO: ACREAGE: 247.84

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY)

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 18,820' MD 6,936' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101

DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101



No.	TM / Par	Owner	Bk / Pg	Ac.
72	2901 / 180			0.172
	2901 / 159	Adam Lee Carder	W171 / 954	0.172
	2901 / 137			0.406
71	2901 / 140	Elma Toothman & Cynthia Marsh, et al	F094 / 806	0.344
70	2901 / 142			0.172
	2901 / 141	Jeramey S. Wagoner	1318 / 925	0.172
69	2901 / 168			0.172
	2901 / 165	Bruce & Luella Cayton	1373 / 35	0.172
	2901 / 164			0.344
68	2901 / 162		1562 / 169	0.344
	2901 / 144	TAD Investments LLC		0.172
	2901 / 143		1562 / 172	0.172
67	2901 / 145			0.172
	2901 / 146	Billy J. Guhl	1557 / 649	0.172
66	2901 / 148			0.24
65	2901 / 149	Bradford & Nicholes Cottrill	1506 / 808	0.24
64	2901 / 128.1	Dbble L. Quickle	1367 / 413	0.24
63	2901 / 128	Rebecca Morris	W157 / 802	0.33
62	2901 / 100			1.06
61	2901 / 129	Kathryn Burnside	1577 / 314	0.64
60	2901 / 101.1	Scharollette B. Dunlap	1348 / 347	1.44
59	2901 / 101.2	Grant-Union PSD	1173 / 393	0.02
58	2901 / 215	Mary Tinsy	1449 / 85	0.84
	2901 / 221	Michael Price	1388 / 915	0.40
	2901 / 220	Gene Edward & Linda Carole Cox	1087 / 950	1.25
57	2901 / 17.5	Mary K. Heath	1049 / 871	0.817
56	2901 / 17.6	Richard D. & Melissa S. Grimm	1478 / 390	0.45
55	2901 / 17.3	Todd J. Pratt	1426 / 49	0.55
54	2901 / 17.7	Rodney J. Rollins	1489 / 872	0.45
53	2901 / 18	Charles & Carrie Peck	1447 / 1001	0.58
52	2901 / 178	Jamie Baker & Karla Kovar	1364 / 81	0.55
51	2901 / 179	John C. & Sheeta Miller	1585 / 926	0.50
50	2901 / 71	Richard W. & Riva L. Barblett	1582 / 889	0.50
49	2901 / 58	Gregory Somerville	1580 / 180	1.17
48	2901 / 59	Charles & Lea Ann Dobbins	1422 / 1277	0.97
47	2901 / 74		1107 / 731	0.51
	2901 / 73	Ralph E. & Shelve J. Campbell	821 / 270	0.53
46	2901 / 75			0.38
45	2901 / 75.1	Hilda J. Flint	1183 / 1157	0.87
44	404 / 18	Sharon D. Emerson	W161 / 477	0.57
43	2901 / 108	Kelley & Victoria J. Roark	1518 / 173	3.08
42	2901 / 107	Larry G. & Lisa S. Campbell	1344 / 830	0.54
41	2901 / 106.1	Erin K. & John D. Vaughn II	1535 / 813	2.00
40	2901 / 105	John D. & Teresa C. Vaughn	1502 / 142	1.773
39	404 / 34	Joshua B. & Amber D. Campbell	1427 / 90	0.50
38	2901 / 152	Callwell J. & Patricia F. Hutson	1209 / 163	11.00
37	404 / 35		1484 / 195	0.17
36	404 / 35.1		1029 / 339	12.80
	404 / 84		1317 / 470	0.30
	404 / 63			0.17
35	404 / 62			0.17
	404 / 81	Dennis J. Burnside Jr., et al	F112 / 1123	0.17
	404 / 80			0.17
34	404 / 36			16.30
33	404 / 37	Dennis J. Burnside Jr., et al	F112 / 1123	16.30
32	404 / 54	Larry & Rebecca Myers	WB148/1089	18.10
31	404 / 55.3		798 / 235	1.35
30	404 / 55.11	Jackson Lodge 35 A.F. & A.M.	1032 / 1061	0.42
29	404 / 66		1191 / 281	1.79
28	2003 / 14	Larry & Rebecca Myers	WB148/1089	54.74
27	2003 / 14.2	Ernest D. Burion	1558 / 413	3.81
26	2003 / 43	Billy & Sarah Garrett	1491 / 531	0.59
	2003 / 41			0.25
25	2003 / 42	Jack Ewart, et ux Living Trust	1557 / 1005	0.29
24	2003 / 44			0.28
23	424 / 10	Patricia Ann Highland	1478 / 216	0.35
22	405 / 75			22.25
21	424 / 11.1	Joseph H. Mason & Dedra Mason Brown	WB119/1137	202.18
20	425 / 2	William Michael McDonald	1377 / 99	13.92
19	425 / 1	Eric A. & Alana N. Burnside	1365 / 1089	5.035
18	424 / 31	Lonzo A. & Erica Martin	WB168/472	89.00
17	424 / 32	Joel B. Shuman, et al	1449 / 358	15.30
16	425 / 33	Chris & Misty Montgomery	1461 / 22	0.98
15	425 / 33.5	Chad W. Johnson	1262 / 81	34.70
14	425 / 32	David A. & Julie Keesucker	1512 / 978	5.90
	425 / 33.3	Shawn & Ashley B. SanJulian	1448 / 74	2.00
13	425 / 33.2	Terri L. Winters		2.00
	425 / 33.1	Earl Milton Jenkins	1285 / 521	2.00
12	425 / 33.4			2.00
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10	425 / 31.3	Gary L. & Amy Cross	1555 / 1018	1.63
9	424 / 52.1	Gary S. & Melinda M. Brodwater	1354 / 175	2.00
8	424 / 52.2	Robert J. Brightbill	1580 / 293	139.98
7	424 / 52	David Keesucker	1533 / 1283	2.38
6	425 / 31.1	Bernice A. Keesucker	1186 / 552	2.17
5	425 / 31.2	Dona R. & David R. Scarff	1380 / 652	1.00
4	445 / 1	Linda & William W. Brodwater III	1343 / 1279	1.16
3	445 / 10		- / -	87.78
2	445 / 2	Lisa M. Nutter	WB 687 /	66.87
1	425 / 31		445	84.57
		Linda & William W. Brodwater III	1410 / 1045	247.84

FILE NO: 195-36-G-18
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