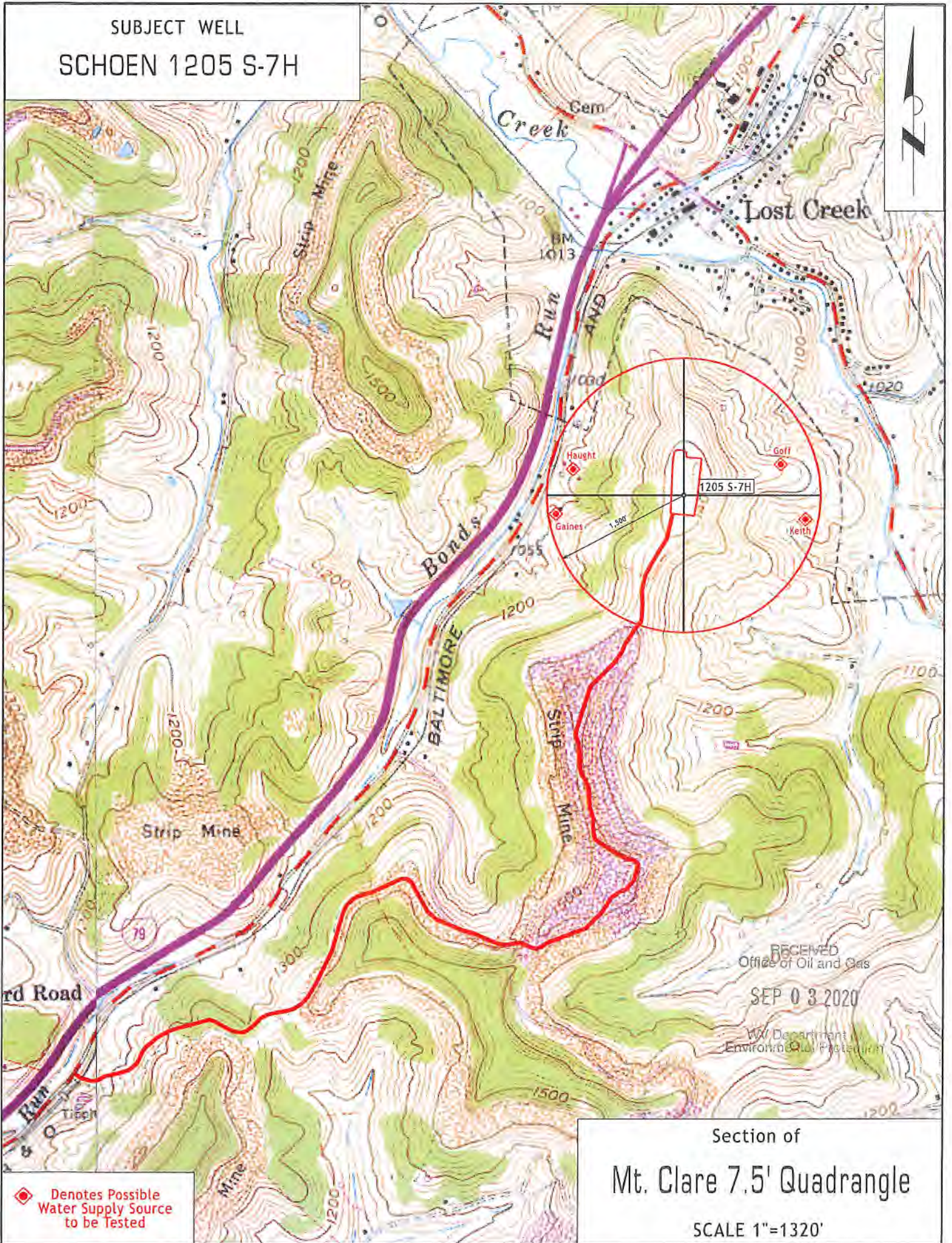


SUBJECT WELL
SCHOEN 1205 S-7H



◆ Denotes Possible Water Supply Source to be Tested

Section of
Mt. Clare 7.5' Quadrangle

SCALE 1"=1320'

HG Energy II Appalachia, LLC
Well No. Schoen 1205 S-7H

Page 1 of 2

2,634' to Bottom Hole

5,361' to Top Hole

TOP LATITUDE 39 - 10 - 00
BTM LATITUDE 39 - 07 - 30

LONGITUDE 80 - 20 - 00
4,503' to Bottom Hole

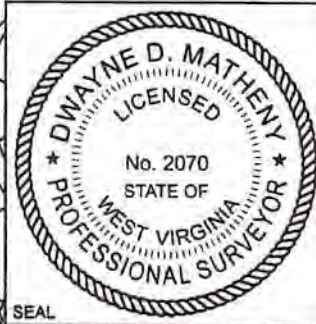
5,519' to Top Hole

Notes: Well No. Schoen 1205 S-7H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,476.58'
E: 1,824,100.60'
Landing Point Coordinates
N: 14,217,293.47'
E: 1,822,165.37'
Bottom Hole Coordinates
N: 14,204,340.33'
E: 1,826,931.80'



Bottom Hole
7.5' Spot

Top Hole
7.5' Spot

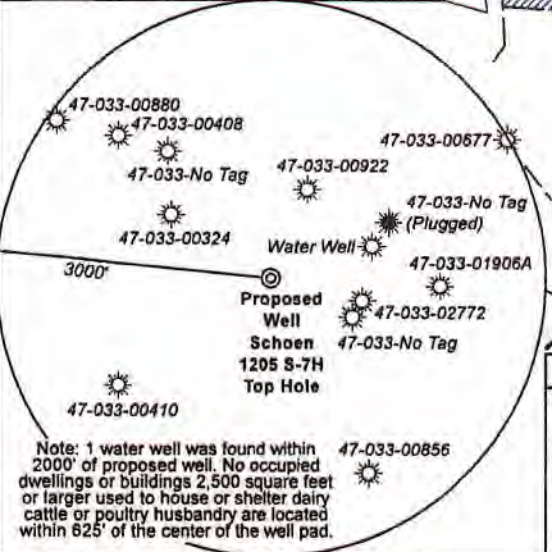


I, the undersigned, hereby certify that this plat is correct to the best of my knowledge and belief and shows all the information required by law and the rules issued and prescribed by the Department of Environmental Protection.

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

- 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.)

Notes: Well No. Schoen 1205 S-7H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'05.44" Latitude: 39°06'45.47"
Longitude: 80°21'08.08" Longitude: 80°20'33.43"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,800.330m N: 4,329,491.592m
E: 555,986.978m E: 556,849.926m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.



Tag	Bearing	Dist.
L1	S 72°38' E	1,517.6'
L2	S 58°19' E	1,280.9'
L3	N 85°48' W	1,221.8'
L4	N 69°22' W	1,002.5'
L5	S 58°34' W	2,268.2'

RECEIVED
Office of Oil and Gas
SEP 03 2020
WV Department of Environmental Protection

FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 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: March 30 2020
OPERATOR'S WELL NO. Schoen 1205 S-7H
API WELL NO 46A
47 - 033 - 05995
STATE COUNTY PERMIT

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

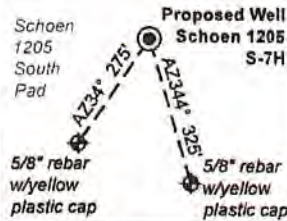
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
SURFACE OWNER: George & Rosanne Schoen
ROYALTY OWNER: Willa Post Robey, et al LEASE NO: ACREAGE: 78.20

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

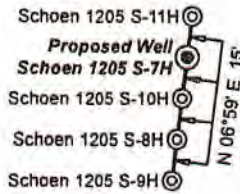
PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,015' MD 7,240' TVD

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

Well Location References
Not to Scale



Wellhead Layout (NTS)

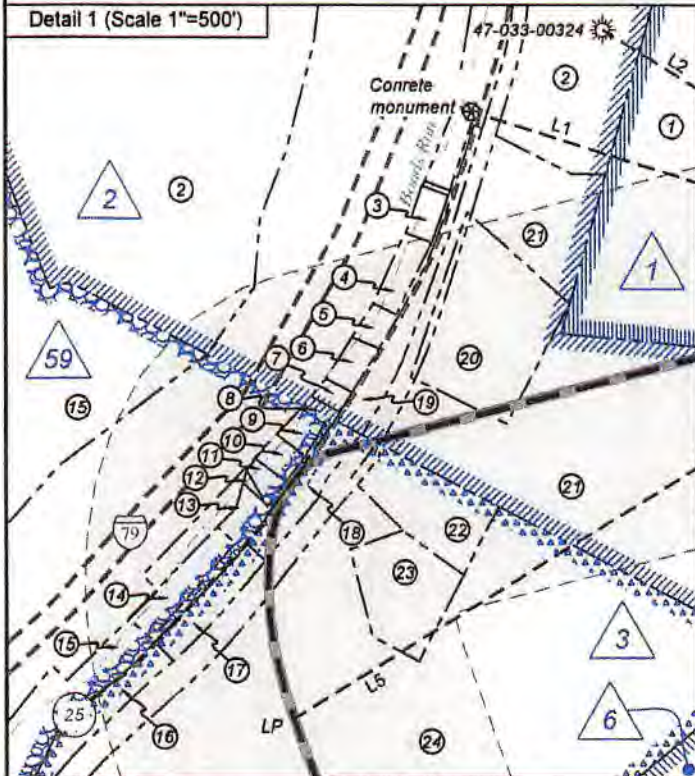


Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	447 / 2	George & Rosanne Schoen	1148 / 1059	85.00
2	446 / 7	James R. & Sharon L. Allman	1437 / 165	91.97
3	446 / 10	Karen A. Hayes	1397 / 1136	0.25
4	446 / 11	Mildred Dean	1060 / 270	0.41
5	446 / 13.1	Mack & Thelma Samples	1578 / 761	0.21
6	446 / 13	Kimberly Vanscoy	1306 / 5	0.27
7	446 / 14	Lisa Dawn Grogg	1583 / 301	0.14
8	446 / 25	Lisa Dawn Grogg	1583 / 301	0.08
9	446 / 26.1	Robert Mendez Jr.	1435 / 330	0.18
10	446 / 24.5	Brooke & Lillie Swisher	1432 / 856	0.15
11	446 / 24.1	Brooke & Lillie Swisher	1432 / 856	0.15
12	446 / 24.4	Brooke & Lillie Swisher	1432 / 856	0.03
13	446 / 24.2	Daniel & Mary L. Frazier	W165 / 1065	0.20
14	446 / 24.3	Mark & Karen Wilt	1157 / 579	0.58
15	446 / 24	Robert N. Rector	1621 / 719	82.90
16	446 / 28.1	Andrew Schrader & Melinda Davis	1478 / 252	1.28
17	446 / 28.3	Sharon Willie	1349 / 1253	0.45
18	446 / 28	Larry E. Wilson II	1344 / 1211	0.57
19	446 / 15.1	David & Grace Hughes	1257 / 694	0.31
20	446 / 12	Marilyn Gaines	1192 / 300	2.83
21	446 / 15	Vera E. Oral K. Haught	1582 / 896	14.40
22	446 / 28.5	Robert L. Vanhorn	1352 / 91	1.52
23	446 / 28.4	Bradford Vanhorn	1381 / 1181	1.52
24	446 / 28.2	David D. Vanhorn, et al	W177 / 92	42.66
25	446 / 29	John F. McCuskey II, et al	1121 / 25	75.00
26	446 / 39	Sandra J. Hogsed	1257 / 137	70.16
27	447 / 32	Joseph C. Queen	1349 / 508	36.00
28	447 / 43	Betty J. & Isaac H. Maxwell III	1543 / 141	123.95
29	447 / 43.1	Joseph C. Queen	1349 / 508	17.16
30	446 / 48	Charles R. & Franklin L. Sutton	--- / ---	88.00
31	466 / 19	Charles R. & Franklin L. Sutton	--- / ---	63.00
32	467 / 1	Margaret L. Gyimesi	1306 / 775	78.79
33	467 / 29.1	Charles R. & Franklin L. Sutton	--- / ---	129.61
34	467 / 29	Gretna J. Adkins	1207 / 424	8.39
35	467 / 30.1	Charles R. & Franklin L. Sutton	--- / ---	11.05

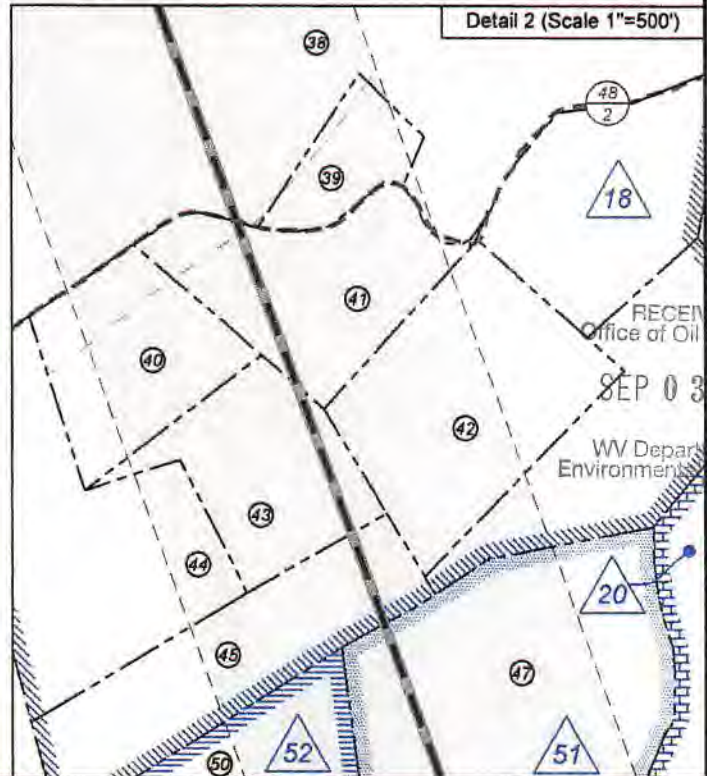
ID	Lease
1	Willa Post Robey
2	John F. McCusky, et ux
3	Emma A. Waggoner, et al
6	Susan V. Curry, et al
9	Charles P. Maxwell, et al
11	P.T. Allman
14	Paul E. Randolph, et al
18	Sidney Cookman, et al
20	Mike Ross, Inc.
47	G. Manley Curry, et al
51	Myrtle B. Arbogast
52	Myrtle Arbogast
53	Carolyn McCue Mullet, et al
54	G. Manley Curry, et ux
55	Willa E. Ware, et al
59	J.N. Rector
63	Myrtle Arbogast, et al

Harrison County				
No.	TM / Par	Owner	Bk / Pg	Ac.
36	467 / 33	Charles R. & Franklin L. Sutton	1472 / 181	39.20
37	466 / 56	Charles R. & Franklin L. Sutton	--- / ---	110.00
38	466 / 49	Charles R. & Franklin L. Sutton	--- / ---	105.17
39	467 / 49.1	Jane E. & Cody R. Ball	1570 / 114	2.08
40	487 / 2.1	Travis & Lauren J. Williston	1576 / 490	5.00
41	467 / 50	David L. & Celia K. Radcliff	1314 / 1289	6.00
42	467 / 51.2	Gary Jedrosko	1561 / 1064	8.38
43	487 / 2.2	Travis & Lauren J. Williston	1576 / 490	5.12
44	487 / 2	Mark Hutson	1410 / 156	10.17
45	487 / 10	Donley W. & Mark Hutson	1410 / 164	6.85
46	487 / 4.1	Catherine A. Mauro	1244 / 135	95.45
47	487 / 3	Myrtle B. Arbogast	W148 / 426	29.17
48	487 / 4.2	Catherine A. Mauro	1244 / 135	5.00
49	487 / 4	Catherine A. Mauro	1244 / 135	4.36
Lewis County				
50	10C / 2	Myrtle B. Arbogast	W17 / 218	78.64
51	10C / 11	Thomas C. Kennedy Testamentary Trust	W34 / 428	92.50

Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



RECEIVED
Office of Oil and Gas
SEP 03 2020
WV Department of Environmental Protection

FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 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: March 30 20 20
OPERATOR'S WELL NO. Schoen 1205 S-7H
API WELL NO HGA
47 - 033 - 05995
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
SURFACE OWNER: George & Rosanne Schoen
ROYALTY OWNER: Willa Post Robey, et al LEASE NO: ACREAGE: 78.20
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: 7,240' TVD 22,015' 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

5,361' to Top Hole
2,634' to Bottom Hole

TOP LATITUDE 39 - 10 - 00
BTM LATITUDE 39 - 07 - 30

LONGITUDE 80 - 20 - 00
4,503' to Bottom Hole
5,519' to Top Hole

Notes: Well No. Schoen 1205 S-7H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,476.58'
E: 1,824,100.60'
Landing Point Coordinates
N: 14,217,293.47'
E: 1,822,165.37'
Bottom Hole Coordinates
N: 14,204,340.33'
E: 1,828,931.80'

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.)

Notes: Well No. Schoen 1205 S-7H
West Virginia Coordinate System of 1927, North Zone
based upon Differential GPS Measurements.
Top Hole coordinates Bottom Hole coordinates
Latitude: 39°09'05.44" Latitude: 39°08'45.47"
Longitude: 80°21'08.08" Longitude: 80°20'33.43"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,333,800.330m N: 4,329,491.592m
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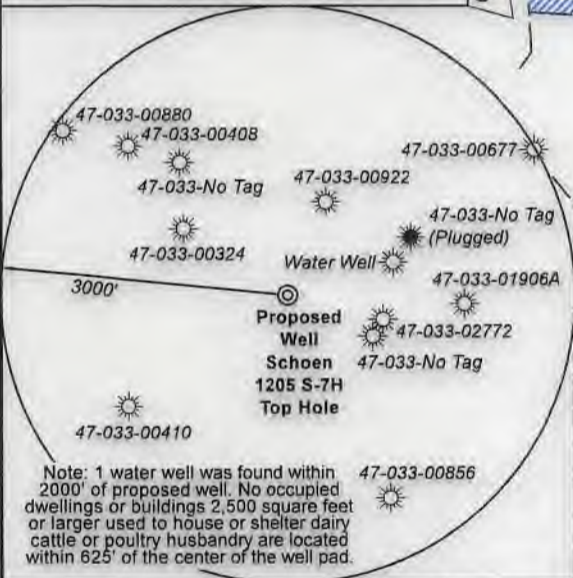
Bottom Hole
7.5' Spot

Top Hole
7.5' Spot



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 72°38' E	1,517.6'
L2	S 58°19' E	1,280.9'
L3	N 85°48' W	1,221.8'
L4	N 69°22' W	1,002.5'
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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: March 30 20 20
OPERATOR'S WELL NO. Schoen 1205 S-7H
API WELL NO. 47-033-05915
STATE COUNTY PERMIT

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

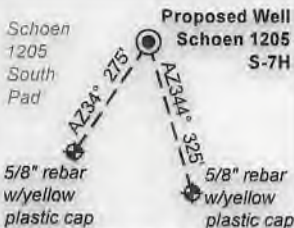
LOCATION: ELEVATION: 1,407.3' WATERSHED: Middle West Fork Creek
DISTRICT: Grant / Hackers Creek
SURFACE OWNER: George & Rosanne Schoen

Top: Mount Clare
Btm: Berlin
QUADRANGLE: Harrison / Lewis
ACREAGE: 65.00

ROYALTY OWNER: Willa Post Robey, et al LEASE NO: ACREAGE: 78.20
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,240' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 22,015' MD

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Parkersburg, WV 26101 Parkersburg, WV 26101

Well Location References
Not to Scale



Wellhead Layout (NTS)

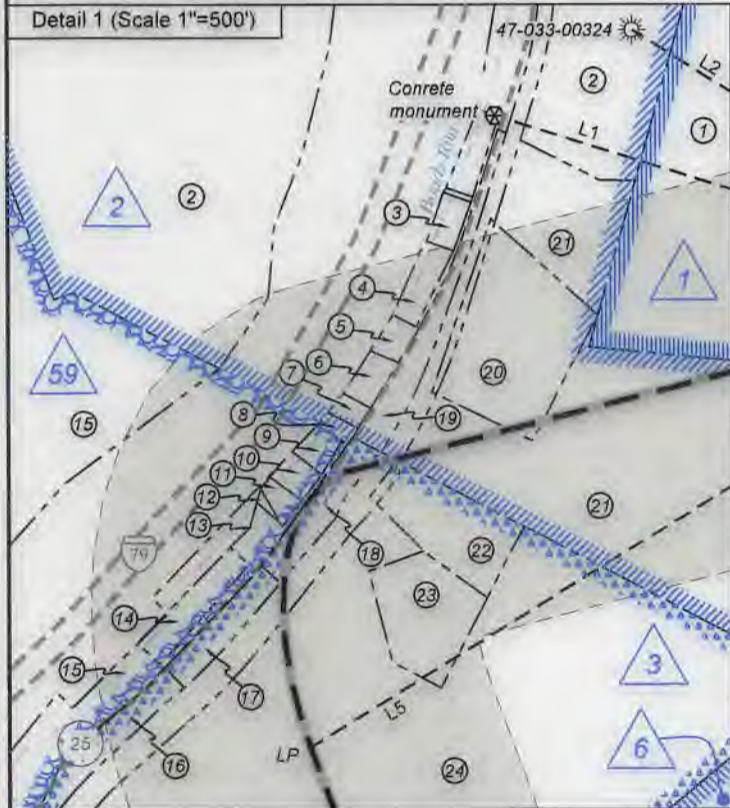


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5	446 / 13.1	Mack & Thelma Samples	1578 / 761	0.21
6	446 / 13	Kimberly Vanscoy	1306 / 5	0.27
7	446 / 14	Lisa Dawn Grogg	1583 / 301	0.14
8	446 / 25	Lisa Dawn Grogg	1583 / 301	0.08
9	446 / 26.1	Robert Mendez Jr.	1435 / 330	0.18
10	446 / 24.5	Brooke & Lillie Swisher	1432 / 856	0.15
11	446 / 24.1	Brooke & Lillie Swisher	1432 / 856	0.15
12	446 / 24.4	Brooke & Lillie Swisher	1432 / 856	0.03
13	446 / 24.2	Daniel & Mary L. Frazier	W165 / 1065	0.20
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23	446 / 28.4	Bradford Vanhorn	1381 / 1181	1.52
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25	446 / 29	John F. McCuskey II, et al	1121 / 25	75.00
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27	447 / 32	Joseph C. Queen	1349 / 508	36.00
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38	466 / 49	Charles R. & Franklin L. Sutton	--- / ---	105.17
39	467 / 49.1	Jane E. & Cody R. Ball	1570 / 114	2.08
40	487 / 2.1	Travis & Lauren J. Williston	1576 / 490	5.00
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42	467 / 51.2	Gary Jedrosko	1561 / 1064	8.38
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44	487 / 2	Mark Hutson	1410 / 156	10.17
45	487 / 10	Donley W. & Mark Hutson	1410 / 164	6.85
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47	487 / 3	Myrtle B. Arbogast	W148 / 426	29.17
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Lewis County				
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51	10C / 11	Thomas C. Kennedy Testamentary Trust	W34 / 428	92.50

Detail 1 (Scale 1"=500')



Detail 2 (Scale 1"=500')



FILE NO: 32-36-G-19
DRAWING NO: Schoen 1205 S-7H Well Plat
SCALE: 1" = 2000'
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Submeter
PROVEN SOURCE OF ELEVATION:
CORS, Bridgeport, WV

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

DATE: March 30 20 20
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API WELL NO. HGA
47 - 033 - 05995
STATE COUNTY PERMIT

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(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

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Btm: Berlin

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SURFACE OWNER: George & Rosanne Schoen

ACREAGE: 65.00

ROYALTY OWNER: Willa Post Robey, et al

LEASE NO: _____ ACREAGE: 78.20

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

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