

HG Energy II Appalachia, LLC
Well No. 1207 N-1H

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



Notes: Well No. 1207 N-1H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates
Latitude: 39°09'07.87"
Longitude: 80°24'10.48"
Bottom Hole coordinates
Latitude: 39°11'32.44"
Longitude: 80°25'52.72"
UTM Zone 17, NAD 1983
Top Hole Coordinates
N: 4,333,845.098m
E: 551,608.325m
Bottom Hole Coordinates
N: 4,338,285.790m
E: 549,126.390m
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

4,152' to Bottom Hole
BTM LATITUDE 39 - 12 - 30
TOP LATITUDE 39 - 10 - 00

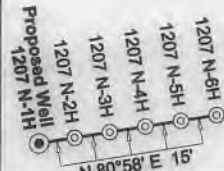


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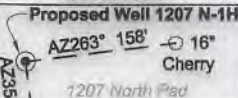
TOP LONGITUDE 80 - 22 - 30
BTM LONGITUDE 80 - 25 - 00
5,824' to Bottom Hole
5,275' to Top Hole

SEAL

Wellhead Layout (NTS)



Well Location References
Not to Scale



Notes:
Well No. 1207 N-1H
UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,218,623.46'
E: 1,809,734.98'
Landing Point Coordinates
N: 14,218,022.10'
E: 1,806,952.87'
Bottom Hole Coordinates
N: 14,233,192.62'
E: 1,801,592.17'

ID	Lease
A	Zina M. Davis, et al
B	Charles Washburn
C	Howard W. Vanscoy, et al
D	Howard W. Vanscoy, et al
E	Joseph Chauvront, et al
F	Camella Morris, et al
G	Rebecca F. Reed, et al
H	Leeman Maxwell, et ux
I	Leeman Maxwell, et al
J	Jerome B. Gusman
K	A.J. Smith, et ux
L	Dora B. McWhorter, et al

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: 1 water well was 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.

No.	TM / Par	Ac.	Owner	Bk / Pg
1	445 / 5	89.07	HG Energy II Appalachia, LLC	— / —
2	445 / 13	132.852	Mickey Petitto	WB175 / 1153
3	445 / 3	64.00		
4	445 / 12	64.50		
5	445 / 11	75.50	Lisa M. Nutter	WB687 / 445
6	445 / 10	66.87		
7	445 / 2	84.57		
8	445 / 25	194.90	Linda J. Maxwell Revocable Trust	1302 / 793
9	445 / 24	19.60		
10	445 / 31	247.84	Linda & William W. Brodwater III	1410 / 1045
11	445 / 25.2	83.199	Laurinda R. Beckstead	1420 / 941
12	445 / 25.4	4.55	Ronald L. & Mary Jo Hitt	1193 / 304
13	425 / 4.4	1.99		1284 / 1121
14	425 / 25.1	5.45		
15	425 / 4.2	3.14	Paul R. & Linda R. Beatty	1286 / 489
16	425 / 4.1	2.02		
17	425 / 3	14.00		
18	405 / 76	57.68	WV State Conservation Commission	WB33 / 148
19	405 / 75	202.18	William Michael McDonald	1377 / 99
20	404 / 38	34.48	Rebecca D. Arthur	1504 / 1251
21	405 / 67	38.10	Terence L. Washburn, et al	1436 / 989
22	405 / 59	43.40	Terence L. Washburn	1294 / 433
23	404 / 22	70.90	John L. & Mary Beth Stenger	1280 / 455
24	405 / 23.1	2.00	Orlando M. Underwood & Brenda J. Powers	1565 / 672
25	404 / 23.1	0.145		
26	404 / 23.3	0.56	Roy Murphy Jr.	1559 / 641
27	404 / 24	19.56	Jeffrey & Jean Spiker	1591 / 108
28	405 / 4	20.17	Betty Jo & Kyle Fridley	1233 / 244
29	404 / 25	52.00		1377 / 1131
30	405 / 1.4	25.07	Joseph Workman	1178 / 739
31	405 / 1.3	10.48		1306 / 802
32	405 / 1.1	10.00	Shelton Mark Workman	
33	405 / 23	0.11	Mary Eunice Bowman	WB148 / 28
34	405 / 24	0.89		
35	405 / 25	0.56	Betty Jean Cain	WB1491 / 773
36	405 / 25.1	1.17	David Ray Cain	1269 / 478

Tag	Bearing	Dist.
L1	S 01°07' W	1,184.2'
L2	S 24°22' W	1,328.5'
L3	S 83°33' W	2,184.1'
L4	N 60°34' W	1,188.4'
L5	S 77°48' W	2,846.4'

FILE NO: 296-36-G-18
DRAWING NO: 1207 N-1H 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

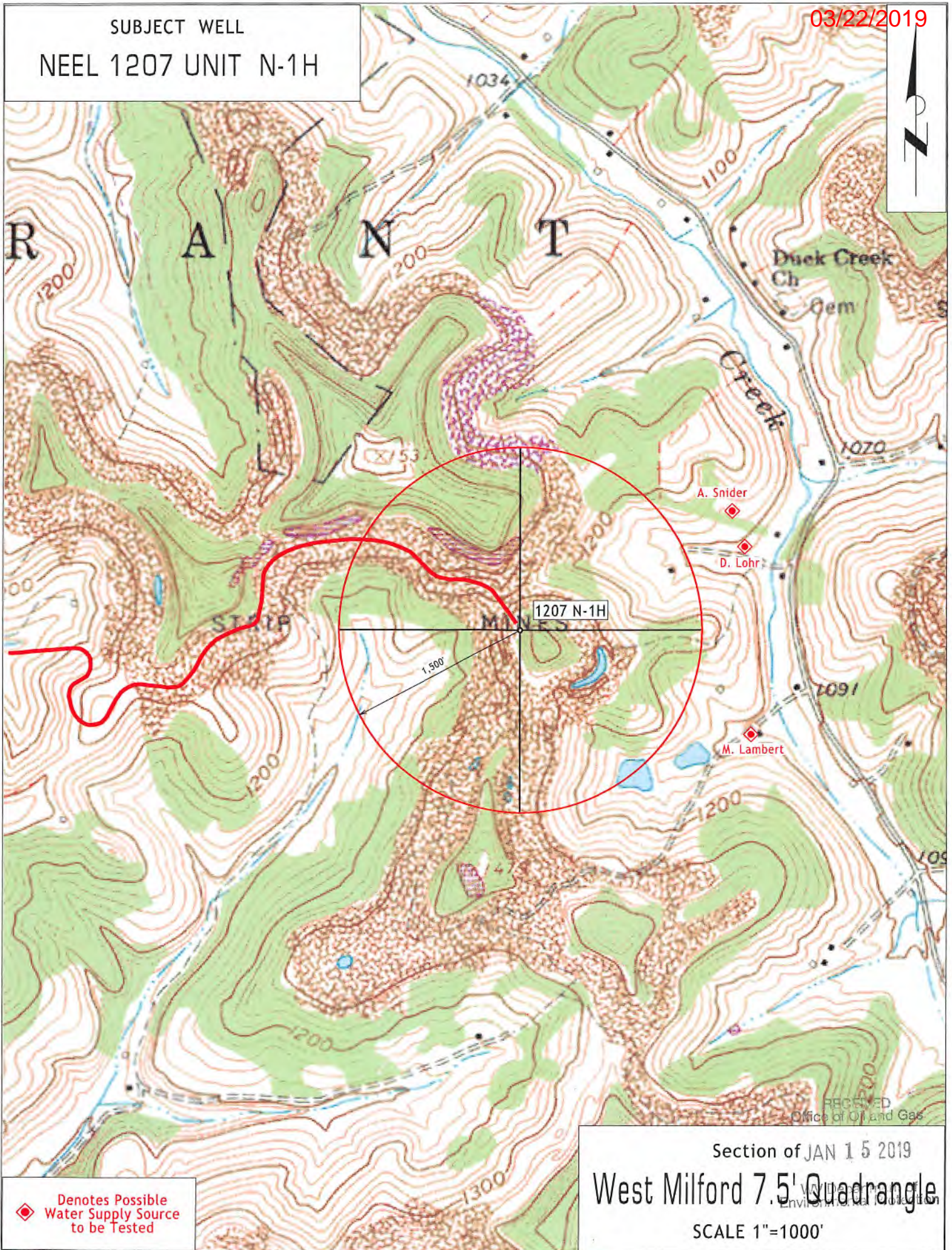
DATE: January 3 20 19
OPERATOR'S WELL NO. 1207 N-1H
API WELL NO
47 - 033 05942
STATE COUNTY PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,344' WATERSHED: Middle West Fork Creek QUADRANGLE: West Milford
DISTRICT: Grant / Union COUNTY: Harrison
SURFACE OWNER: HG Energy II Appalachia, LLC ACREAGE: 89.07
ROYALTY OWNER: Dora B. McWhorter, et al LEASE NO: ACREAGE: 103.00
PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
 PERFORATE NEW FORMATION OTHER PHYSICAL CHANGE IN WELL (SPECIFY) 7,245' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 24,651' 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

SUBJECT WELL
NEEL 1207 UNIT N-1H

03/22/2019



◆ Denotes Possible
Water Supply Source
to be Tested

Section of JAN 15 2019
West Milford 7.5' Quadrangle
SCALE 1"=1000'

RECEIVED
Office of Oil and Gas