

**HG Energy II Appalachia, LLC**  
Well No. 1206 N-5H


Page 1 of 4

2,099' to Top Hole

BTM LATITUDE 39 - 12 - 30  
TOP LATITUDE 39 - 10 - 00

3,269' to Bottom Hole

LONGITUDE 80 - 22 - 30 to Top Hole  
3,147' to Top Hole  
5,786' to Bottom Hole



**Legend**

- ⊙ Proposed gas well
- ⊙ Well Reference, as noted
- ⊙ Monument, as noted
- ⊙ Existing Well, as noted
- ⊙ Existing Plugged Well, as noted
- ⊙ Digitized Well, as noted
- Surface boundary (approx.)
- Interior surface tracts (approx.)
- Creek or Drain
- Existing Road

**Notes:**

Well No. 1206 N-5H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,220,788.57'  
E: 1,815,934.19'  
Landing Point Coordinates  
N: 14,221,878.10'  
E: 1,818,317.46'  
Bottom Hole Coordinates  
N: 14,233,312.11'  
E: 1,814,277.11'

**Well Location References**

5/8" Iron rebar  
47-033-00775  
Proposed Well 1206 N-5H  
Not to Scale 1206 Pad  
5/8" Iron rebar

**Notes: Well No. 1206 N-5H**  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Top Hole coordinates  
Latitude: 39°09'28.89"  
Longitude: 80°22'56.65"  
UTM Zone 17, NAD 1983  
Bottom Hole coordinates  
Latitude: 39°11'32.80"  
Longitude: 80°23'11.54"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates  
N: 4,334,606.028m  
E: 653,375.928m  
Bottom Hole Coordinates  
N: 4,336,322.208m  
E: 652,992.789m

Plat orientation and corner and well references are based upon the grid north meridian.  
Well location references are based upon the magnetic meridian.

**Wellhead Layout (Not to Scale)**

Proposed Well 1206 N-5H  
1206 N-4H  
1206 N-3H  
1206 N-2H  
1206 N-1H  
1206 S-10H  
1206 S-9H  
1206 S-8H  
1206 S-7H  
1206 S-6H  
S 07°23' E 287'  
N 82°03' E 18'

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. Matherly*  
Dwayne D. Matherly, P.S. 2070

**47-033-00621**  
Note: 1 Pond and Zero 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 825' of the center of the well pad.

47-033-00578  
47-033-01215  
47-033-00629  
47-033-00595  
47-033-00635  
47-033-00743

Proposed Well 1206 N-5H Top Hole  
3000'

Tag	Bearing	Dist.	Description
L1	N 75°43' W	3,458.7'	5/8" Rebar
L2	N 63°34' E	1,563.4'	47-033-00629
L3	S 89°06' E	2,935.4'	1" Iron pipe
L4	S 71°42' E	1,563.5'	47-033-01215
L5	N 68°37' E	2,988.8'	Landing point

FILE NO: 09-36-12-G-H-19  
DRAWING NO: 1206 N-5H 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: October 16 20 19  
OPERATOR'S WELL NO. 1206 N-5H  
API WELL NO  
47 - 033 -  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,350' WATERSHED: Middle West Fork Creek  
DISTRICT: Grant  
SURFACE OWNER: Charles R. & Franklin L. Sutton  
ROYALTY OWNER: Charles R. Sutton LEASE NO: ACREAGE: 30.00  
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: 7,252' TVD 20,980' MD

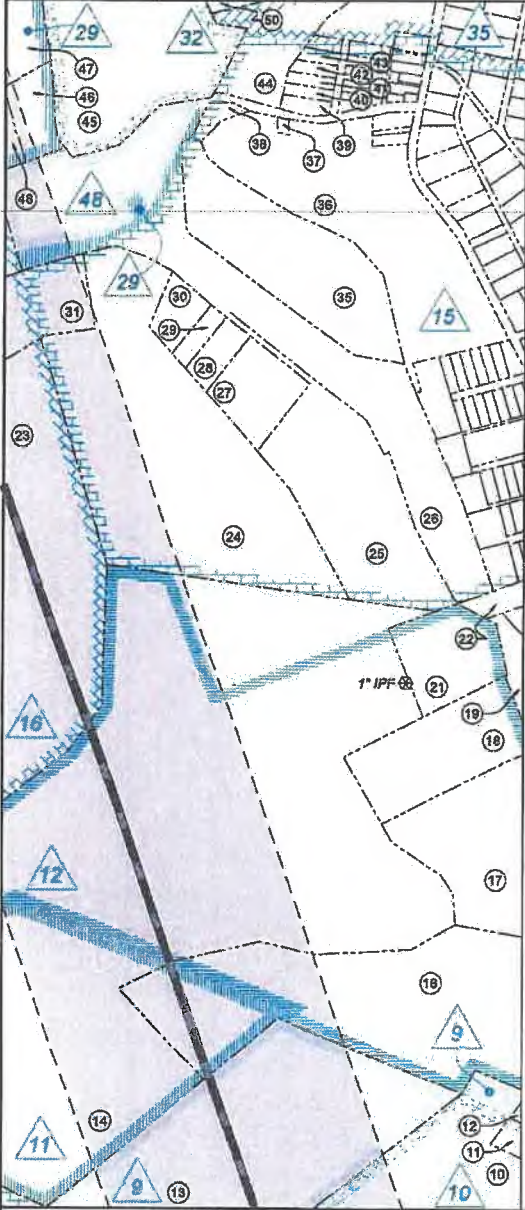
WELL OPERATOR: HG Energy II Appalachia, LLC  
ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

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

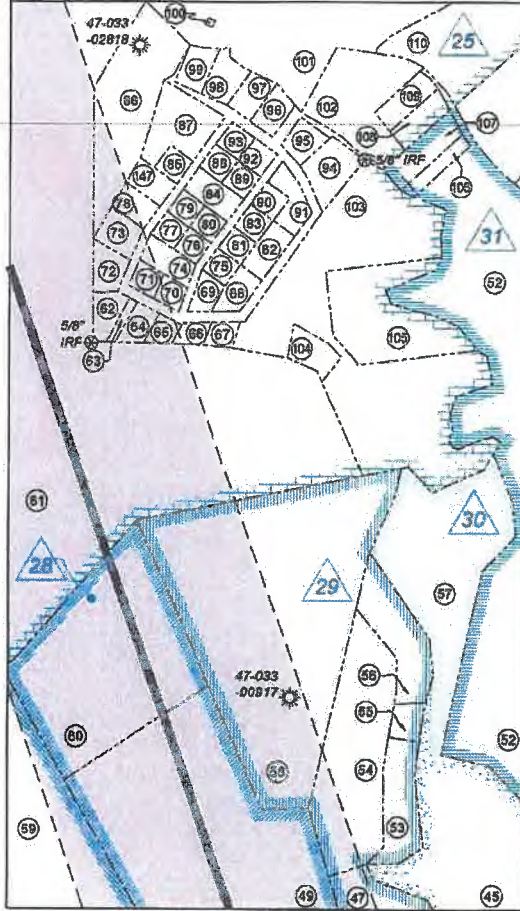
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Detail 1 - 1" = 500'



Detail 2 - 1" = 500'



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Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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47 - 033 -  
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(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1,350' WATERSHED: Middle West Fork Creek  
DISTRICT: Grant

QUADRANGLE: West Milford  
COUNTY: Harrison  
ACREAGE: 30.00

SURFACE OWNER: Charles R. & Franklin L. Sutton

ROYALTY OWNER: Charles R. Sutton

LEASE NO: ACREAGE: 30.00

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

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Table with columns: No., TM / Par, Owner, Blk / Pg, Ac., No., TM / Par, Owner, Blk / Pg, Ac. Lists well data for various owners and acreages.

FILE NO: 08-36-12-G-H-19
DRAWING NO: 1206 N-5H Well Plat
SCALE: 1" = 2000'

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

DATE: October 16, 2019
OPERATOR'S WELL NO. 1206 N-5H
API WELL NO 47 - 033 - PERMIT

WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
PRODUCTION: STORAGE DEEP SHALLOW
LOCATION: ELEVATION: 1,360' WATERSHED: Middle West Fork Creek
DISTRICT: Grant QUADRANGLE: West Millford
COUNTY: Harrison
ACREAGE: 30.00
ROYALTY OWNER: Charles R. Sutton LEASE NO: ACREAGE: 30.00
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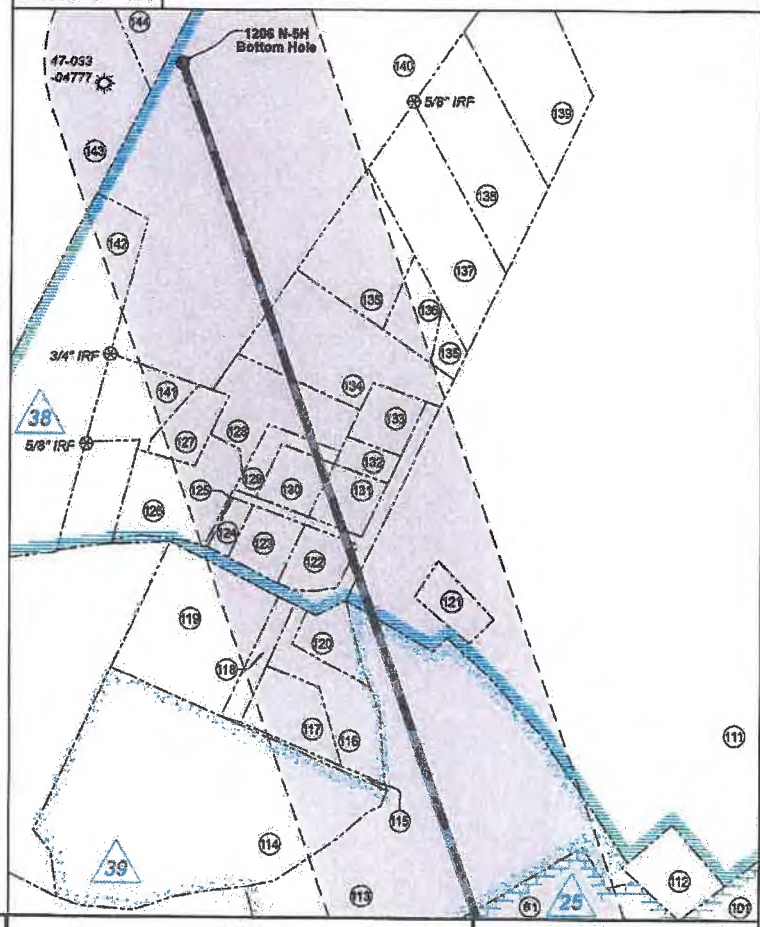
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No.	TM / Par	Owner	Bk / Pg	Ac.	No.	TM / Par	Owner	Bk / Pg	Ac.
127	406 / 7.10	Jose A. & Lori E. Moreno	1361 / 616	1.00	137	406 / 7.18	Brent C. & Julia S. Fenstermacher	1391 / 582	4.26
128	406 / 7.18	Jose A. & Lori E. Moreno	1369 / 619	2.60	138	406 / 7.15	Michael L. & C. Vanessa Bond	1393 / 1095	4.27
129	406 / 7.6	Larry F. & Cynthia B. Lawrence	1317 / 167	0.70	139	406 / 7.13	Michael L. & C. Vanessa Bond	1368 / 876	4.26
130	1091 / 530	Larry F. & Cynthia B. Lawrence	1081 / 530	1.00	140	406 / 6	Richard K. Williams	1344 / 966	40.00
131	406 / 7.4	David L. & Margaret L. Stout	1428 / 135	1.00	141	406 / 7	Jose A. & Lori E. Moreno	1368 / 627	1.82
132	406 / 7.9	Kim & Aaron Campbell	1362 / 1269	0.50	142	406 / 5	Richard K. Williams	1344 / 966	10.97
133	406 / 7.7	Brian E. & Shawna M. Hathaway	1385 / 425	1.00	143	406 / 2	Arden L. & Wendy D. Skidmore	1599 / 779	60.00
134	406 / 7.17	Brian E. & Shawna M. Hathaway	1386 / 425	4.26	144	406 / 1	John L. Slenger	1308 / 676	11.29
135	406 / 7.12	Richard A. & Wilma D. Fenstermacher	1360 / 571	4.27	145	386 / 109	John L. Slenger	1308 / 668	7.44
136	406 / 7.19	Carrie L. & Peter F. Sagun	1376 / 750	1.00	146	406 / 8	John L. & Mary E. Slenger	1560 / 205	309.00
					147	406A / 16	Becel L. & Alma S. Rowe	1099 / 493	0.36

Detail 3 - 1" = 500'



ID	Lease
3	C. Earl Snider, et al
4	Allan Bak, et al
5	Allan Bak
6	Marcella R. Bond, et al
7	Mary E. Kennedy, et al
8	Lillie Gifford, et al
9	Orpha G. Davis, et al
10	Allan Bell
11	Hugh C. Davis, et al
12	Hugh C. Davis, et al
13	HG Energy II Appalachia, LLC
14	UNLEASED
15	A.W. Smith
16	Lewis M. Stout, et al
20	Porter Maxwell, et al
26	Marcella R. Bond, et al
27	H.D. Smith, et al
28	Hattie Cummings, et al
29	Dorothy Sinclair, et al
30	H.D. Smith, et al
31	C.H. Woodford, et al
32	Hattie B. Cummins, et al
34	J.O. Butcher, et al
35	E.S. Swisher, et al
37	Loie C. Stout, et al
38	M.H. Vanhorn, et al
39	HG Energy II Appalachia, LLC
40	UNLEASED
48	Hattie B. Cummins
55	Lloyd Stout
56	Lillie D. Gifford, et al
57	M.C. McWhorter, et al

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