

9,643' to Top Hole

3,649' to Bottom Hole

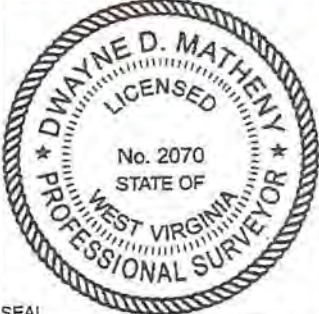
HG Energy II Appalachia, LLC  
Well No. Schmidt 1222 S-2H MOD

TOP LATITUDE 39 - 07 - 30  
BTM LATITUDE 39 - 05 - 00

TOP LONGITUDE 80 - 40 - 00  
BTM LONGITUDE 80 - 40 - 00

1,931' to Top Hole

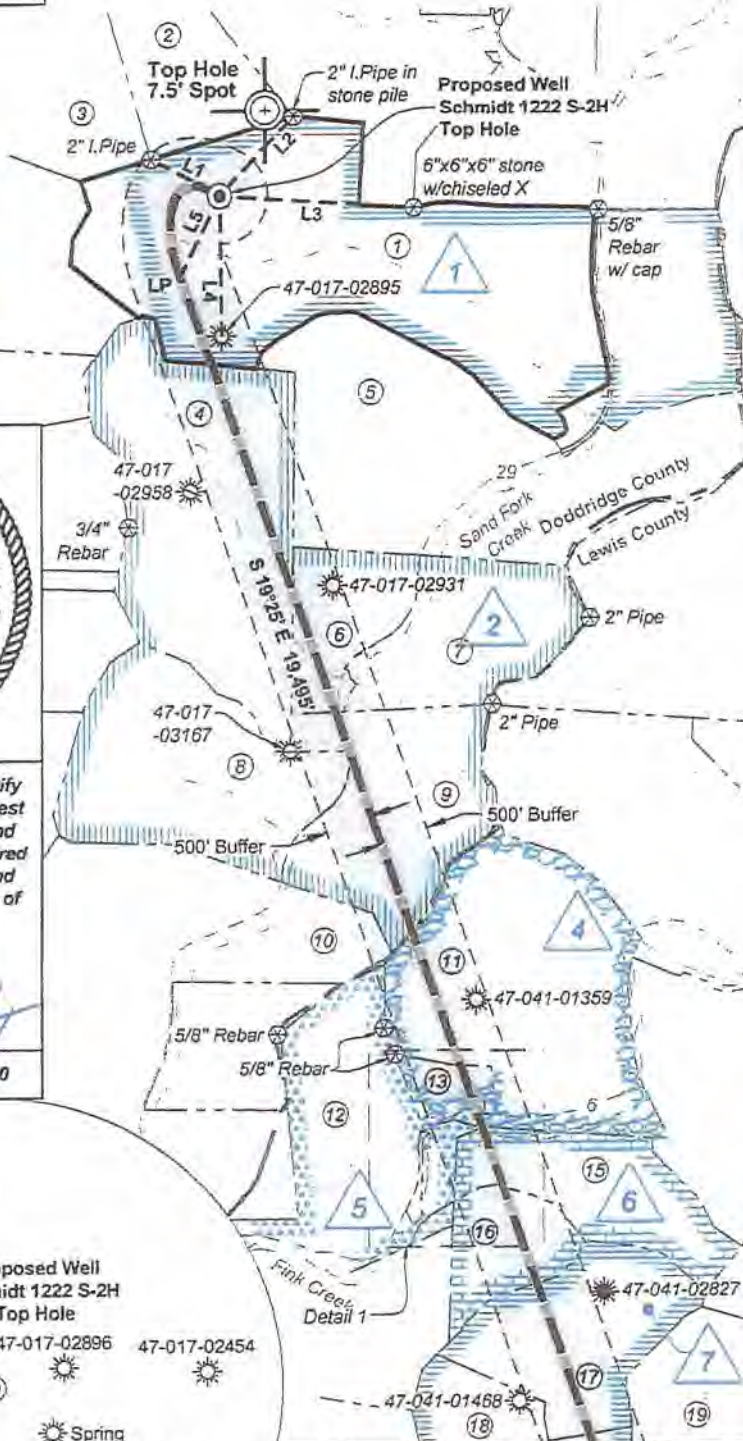
5,998' to Bottom Hole



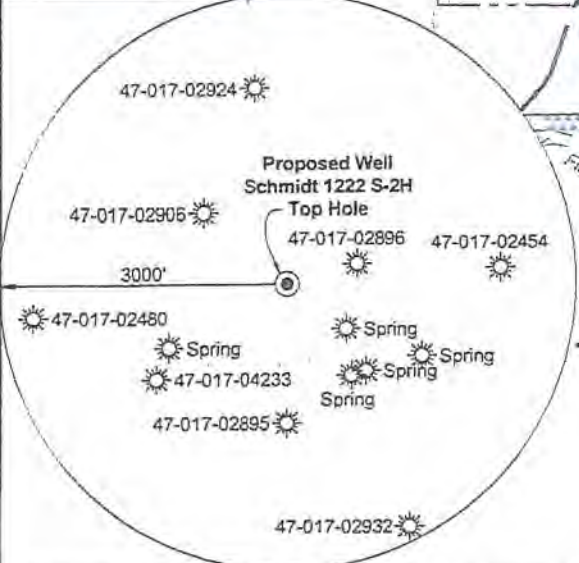
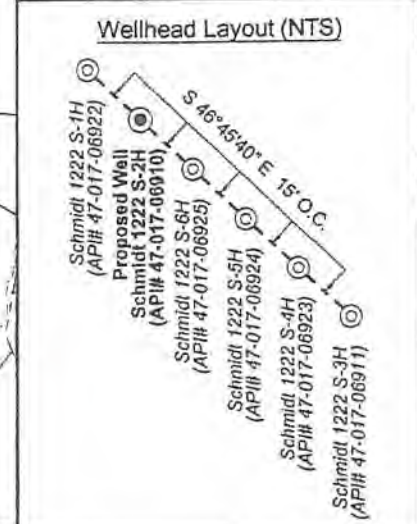
SEAL

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



Tag	Bearing	Dist.
L1	S 61°54' E	803.1'
L2	S 43°20' W	1,116.9'
L3	N 86°14' W	2,021.8'
L4	N 00°40' W	1,460.7'
L5	S 26°22' W	934.5'



Note: 0 water wells & 5 springs was found within 1500' 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.

MATCHLINE Sheet 2

Notes:  
Well No. Schmidt 1222 S-2H  
UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,206,376.37'  
E: 1,725,362.59'  
Landing Point Coordinates  
N: 14,205,539.05'  
E: 1,724,947.61'  
Bottom Hole Coordinates  
N: 14,187,160.66'  
E: 1,731,426.77'

Notes: Well No. Schmidt 1222 S-2H  
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Top Hole coordinates Bottom Hole coordinates  
Latitude: 39°07'10.91" Latitude: 39°04'00.70"  
Longitude: 80°42'02.39" Longitude: 80°40'46.29"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates Bottom Hole Coordinates  
N: 4,330,112.178m N: 4,324,255.218m  
E: 525,891.569m E: 527,739.935m  
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: 156-12-FC-21  
DRAWING NO: Schmidt 1222 S-2H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

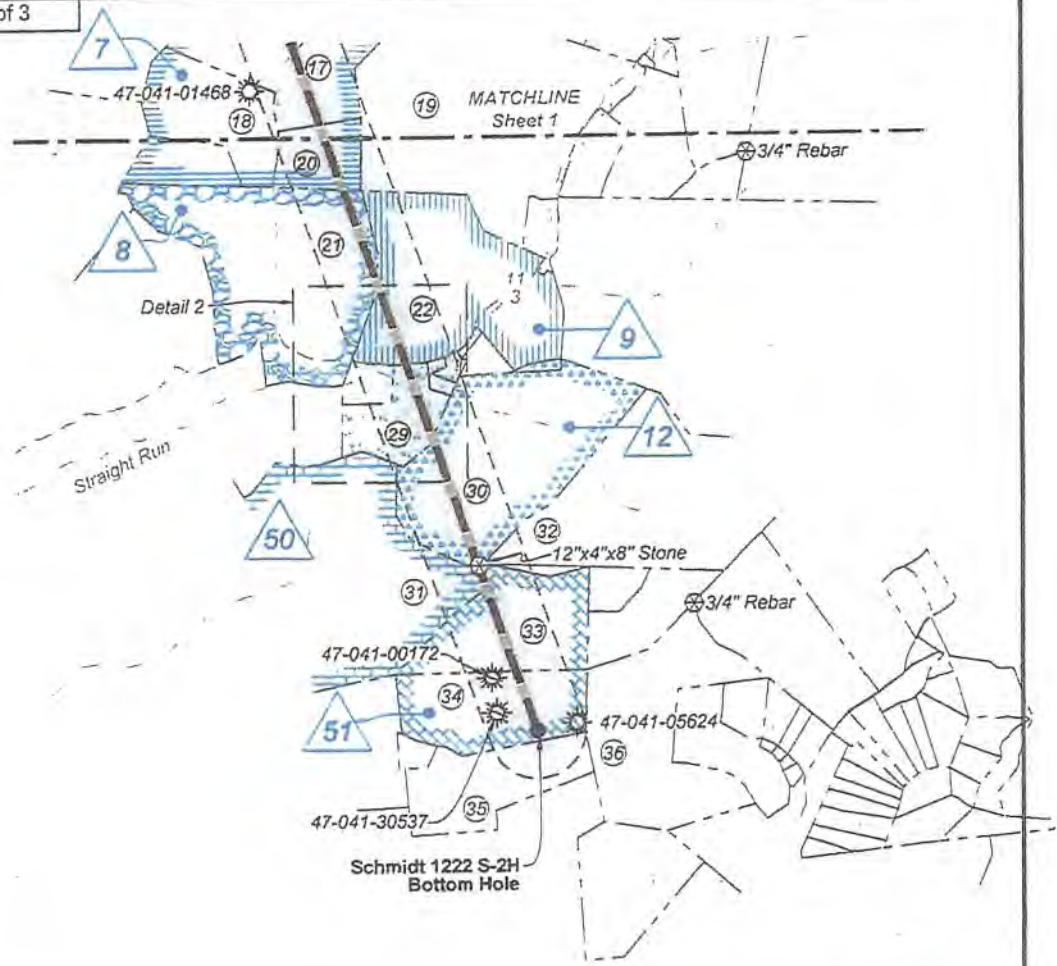
**STATE OF WEST VIRGINIA**  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
**OIL AND GAS DIVISION**

DATE: September 2 2022  
OPERATOR'S WELL NO. Schmidt 1222 S-2H  
API WELL NO  
47 - 017 - 06910  
STATE COUNTY PERMIT

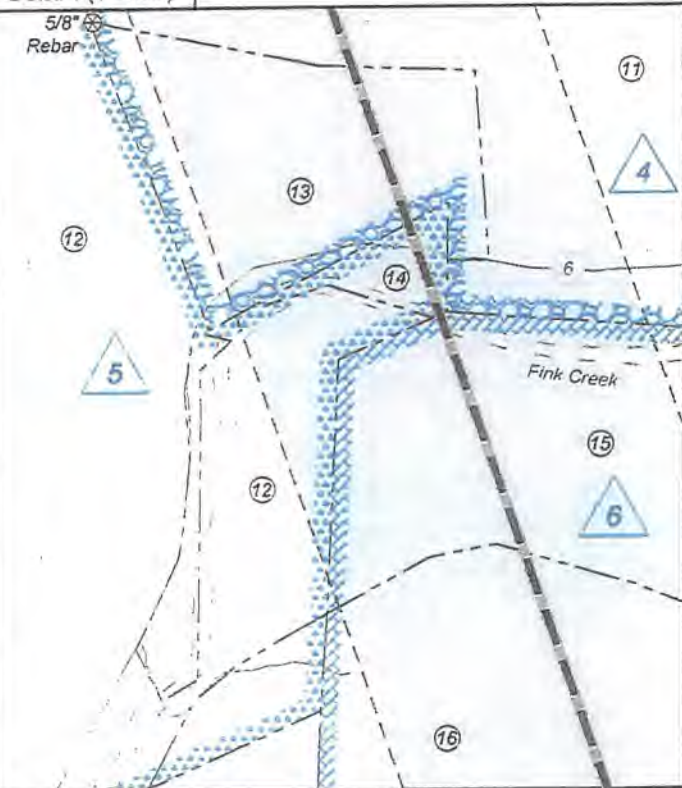
WELL TYPE:  OIL  GAS  LIQUID INJECTION  WASTE DISPOSAL  
(IF GAS) PRODUCTION:  STORAGE  DEEP  SHALLOW

LOCATION: ELEVATION: 1,111' WATERSHED: Sand Fork of Fink Creek QUADRANGLE: Vadis  
DISTRICT: Cove/Freemans Creek COUNTY: Doddridge/Lewis  
SURFACE OWNER: John A. Schmidt ACREAGE: 09/16/2022  
ROYALTY OWNER: Frona M. Schmidt, et ux, et al LEASE NO: ACREAGE: 289.00  
PROPOSED WORK:  DRILL  CONVERT  DRILL DEEPER  FRACTURE OR STIMULATE  PLUG OFF OLD FORMATION  
 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) LP & BH - MOD 6,964' TVD  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,124' MD

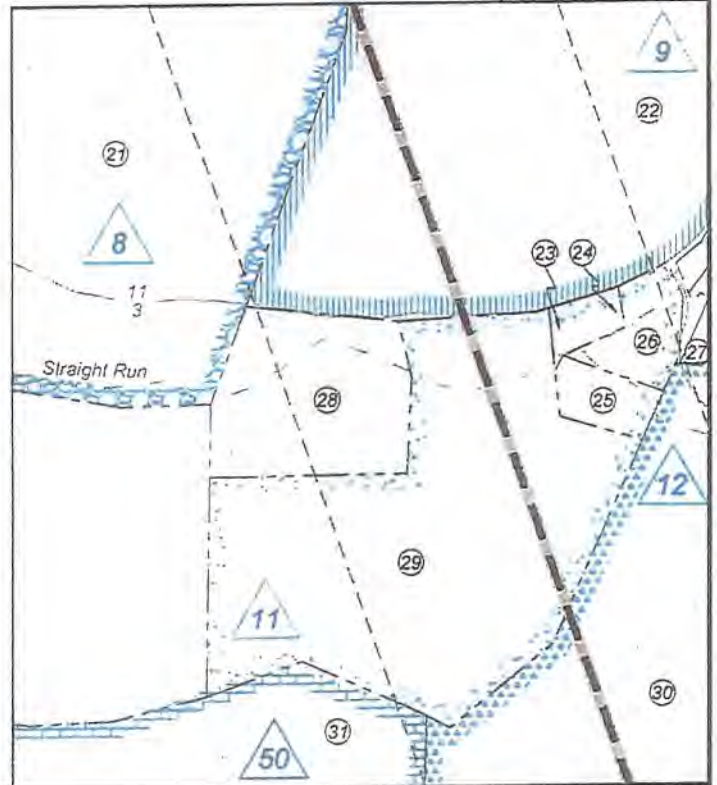
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White  
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101 Parkersburg, WV 26101



Detail 1 (1"=500')



Detail 2 (1"=500')



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MINIMUM DEGREE OF ACCURACY:  
Submeter  
PROVEN SOURCE OF ELEVATION:  
CORS, Bridgeport, WV

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QUADRANGLE: Vadis

DISTRICT: Cove/Freemans Creek

COUNTY: Doddridge/Lewis

SURFACE OWNER: John A. Schmidt

ACREAGE: 27.16 09/16/2022

ROYALTY OWNER: Frona M. Schmidt, et ux, et al

LEASE NO: \_\_\_\_\_ ACREAGE: 289.00

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PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,124' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

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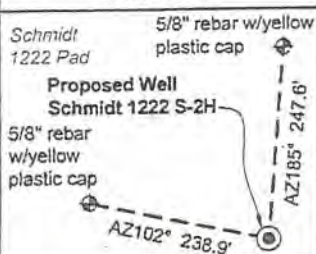
Parkersburg, WV 26101

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HG Energy II Appalachia, LLC  
Well No. Schmidt 1222 S-2H MOD



**Well Location References**  
Not to Scale



ID	Lease
1	Frona M. Schmidt, et vir
2	Leopold Krern, et ux
3	Theresia M. Bode, et ux
5	HG Energy II Appalachia, LLC
6	HG Energy II Appalachia, LLC
7	HG Energy II Appalachia, LLC
8	Dollie Means, et al
9	W.E. Means, et ux
11	Oleta Yeager, et al
12	C.E. Lattea, et al
50	Lydia Starcher, et al
51	David N. King, 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.)
- Adjoinder surface tracts (approx.)
- County Line (approx.)

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Doddridge Co. - Cove Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 18.1	John A. Schmidt	281 / 622	237.07
2	10 / 2.3	Daniel L. & Yvette L. King	336 / 355	44.41
3	10 / 2.4	John Geelhaar	178 / 482	99.12
4	14 / 2	Georganna & Henry Miller, Jr.	333 / 202	153.55
5	10 / 19	Marilyn Bams & Carolyn Bass	W28 / 52	175.00
6	14 / 2.4	Marguerite Dombroski	W33 / 526	38.43
7	14 / 2.3	John W. & Jennie Lacy	216 / 509	63.04
8	14 / 2.2	Michael E. Dayhoff	429 / 259	128.50
9	14 / 2.1	Lois Hluhan	262 / 583	80.60
10	14 / 3	Keith A. Tatro, et al	W56 / 172	103.00

Lewis Co. - Freemans Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
11	1D / 12	Dolores Hinterer	WB Y / 218	138.19
12	1D / 11	Claude E. & Barbara Moorefield	452 / 520	133.88
13	1D / 13	Dolores Hinterer	511 / 165	12.00
14	1D / 11.1	Marvin & Douglas Shinn	680 / 693	1.38
15	2D / 6	Margaret Hamberry Estate	Appr 533 / 46	57.25
16	1D / 11.2	James Byer, Jr.	603 / 60	30.03
17	2D / 8	Dawn C. Lozina, et al	726 / 836	63.95
18	1D / 15	Dawn C. Lozina, et al	726 / 836	28.96
19	2D / 13	Sharon & Francis L. Hartlaub, Jr.	639 / 89	104.34
20	2D / 9	Dawn C. Lozina, et al	726 / 836	16.05
21	2E / 21	Dawn C. Lozina, et al	726 / 836	83.00
22	2E / 2	Brenda J. Parks Lydon, et al	747 / 656	67.61
23	2E / 10.4	Danny J. & Theima L. Davisson	423 / 248	0.25
24	2E / 10.1	Craig A. Wright, II	715 / 777	0.21
25	2E / 10.3	Ronald L. & Wendy L. Batts	747 / 340	0.25
26	2E / 8	James G. Ireland	639 / 493	1.15
27	2E / 5	James R. & Kathy A. Ireland	612 / 38	2.75
28	2E / 9	Craig A. Wright, II	715 / 777	4.72
29	2E / 10	Craig A. Wright, II	715 / 777	20.48
30	2E / 12	Fred J. Rinker, et al	609 / 481	71.25
31	1E / 44	James R. Radcliff	446 / 551	231.00
32	2E / 37	Frank & Lillie Swisher	637 / 691	33.00
33	2E / 16	David N. & Rebecca King	638 / 776	35.05
34	2E / 18	David N. & Rebecca King	638 / 776	32.00
35	2E / 19	David N. & Rebecca King	638 / 776	29.75
36	2E / 30	Frank & Lillie Swisher	637 / 691	38.00

09/16/2022