

HG Energy II Appalachia, LLC  
Well No. Schmidt 1222 S-4H

Page 1 of 2

Tag	Bearing	Dist.
L1	S 61°06' E	846.7'
L2	S 41°02' W	1,117.7'
L3	N 87°04' W	1,987.3'
L4	N 00°36' E	1,429.8'
L5	S 81°58' E	1,444.0'

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



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



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



Note: 0 water wells & 4 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.

Notes: Well No. Schmidt 1222 S-4H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.  
Top Hole coordinates Latitude: 39°07'10.60" Longitude: 80°42'01.98"  
Bottom Hole coordinates Latitude: 39°04'05.77" Longitude: 80°40'21.69"  
UTM Zone 17, NAD 1983  
Top Hole Coordinates N: 4,330,102.624m E: 525,901.567m  
Bottom Hole Coordinates N: 4,324,413.645m E: 528,330.476m  
Plat orientation and corner and well references are based upon the grid north meridian. Well location references are based upon the magnetic meridian.

Notes: Well No. Schmidt 1222 S-4H UTM NAD 1983 (USSF)  
Top Hole Coordinates N: 14,205,345.54' E: 1,725,395.37'  
Landing Point Coordinates N: 14,205,143.56' E: 1,726,825.15'  
Bottom Hole Coordinates N: 14,187,680.29' E: 1,733,364.22'

FILE NO: 156-12-FC-21  
DRAWING NO: Schmidt 1222 S-4H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

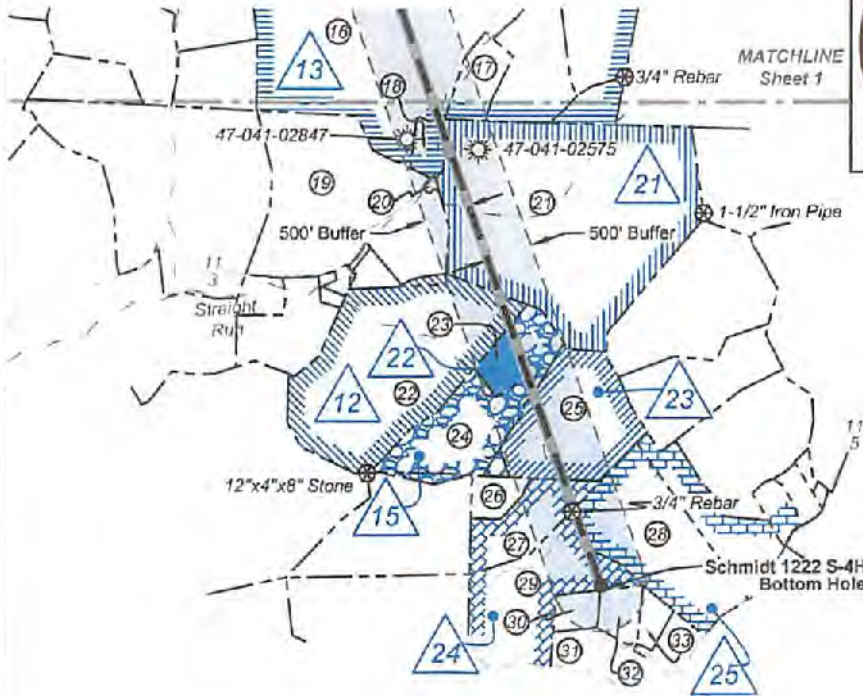
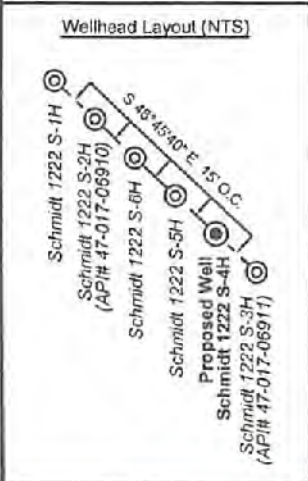
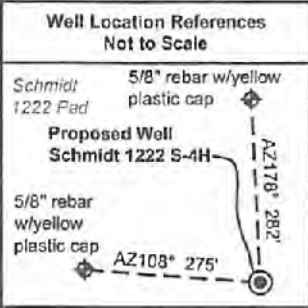
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE: January 20 2022  
OPERATOR'S WELL NO. Schmidt 1222 S-4H  
API WELL NO  
47 - 017 - 06923  
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: 237.04/08/2022  
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)  
 PLUG AND ABANDON  CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 27,216' MD 6,962' TVD

WELL OPERATOR: HG Energy II Appalachia, LLC ADDRESS: 5280 Dupont Road Parkersburg, WV 26101  
DESIGNATED AGENT: Diane C. White ADDRESS: 5280 Dupont Road Parkersburg, WV 26101





ID	Lease
1	Frona M. Schmidt, et ux
2	Leopold Krenn, et ux
4	Theresia M. Bode, et al
6	HG Energy II Appalachia, LLC
12	C.E. Lattea, et al
13	A.T. Gooden, et ux
15	J.M. West, et al
16	HG Energy II Appalachia, LLC
17	HG Energy II Appalachia, LLC
18	HG Energy II Appalachia, LLC
21	W.D. McCutchan, et al
22	Margaret E. Fleisher
23	S.O. Rollins, et al
24	Ursula Smith, et al
25	R.G. King, et al
30	Glenn G. Rastle, et al

**Legend**

- Proposed gas well
- Well Reference, as noted
- Monument, as noted
- Existing Well, as noted
- Existing Plugged Well, as noted
- Digilized Well, as noted
- Creek or Drain
- Existing Road
- Surface boundary (approx.)
- Adjoinder surface tracts (approx.)
- County Line (approx.)

**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 / 5.2	Forest G. & William S. Wysong, Jr.	W98 / 627	81.15
4	10 / 19	Manlyn Barns & Carolyn Bass	W28 / 552	175.30
5	14 / 2.3	John W. & Jennie Lacy	216 / 509	63.04
6	14 / 2.1	Lois Hluhan	262 / 583	80.60

**Lewis Co. - Freemans Creek Dist.**

No.	TM / Par	Owner	Bk / Pg	Ac.
7	2C / 5	Marlin A. Keely, Jr., et al	708 / 573	135.00
8	2D / 1	Marlin A. Keely, Jr., et al	716 / 520	132.50
9	1D / 12	Dolores Hinterer	WB Y / 218	138.19
10	2D / 4	Margaret Hamberry Estate	AP 150 / 46	85.50
11	2D / 6	Margaret Hamberry Estate	AP 150 / 46	57.25
12	2D / 8	Dawn Crofford Lozina, et al	726 / 836	63.95
13	2D / 7	Michael D. Casey, et al	539 / 131	9.75
14	2D / 24	Michael Parker	720 / 817	22.25
15	2D / 23	M.P. & D.M. Davidovich, et al	539 / 131	20.00
16	2D / 13	Francis L. & Sharon Hartleub	639 / 89	104.34
17	2D / 12	L.G. & G.R. Lunsford	700 / 74	9.12
18	2E / 61	Eastern Gas Transmission and Storage, Inc.	427 / 545	4.49
19	2E / 2	Brenda J. Parks Lydon, et al	747 / 656	67.25
20	2E / 3	M.E. Church of Straight Run	10 / 413	0.50
21	2E / 39	Carl G. White, III, et al	544 / 734	126.50
22	2E / 12	Judy Rinker (LE)	609 / 481	71.25
23	2E / 38	Richard B. Toothman, Jr.	760 / 608	6.00
24	2E / 37	Richard B. Toothman, Jr.	760 / 608	33.00
25	2E / 13	Richard B. Toothman, Jr.	760 / 608	36.75
26	2E / 14	Richard B. Toothman, Jr.	760 / 608	5.00
27	2E / 15	Richard B. Toothman, Jr.	760 / 608	16.75
28	2E / 32	Roberta J. Friedmann	570 / 153	42.70
29	2E / 30	Richard B. Toothman, Jr.	760 / 608	38.00
30	2E / 29.22	Richard B. Toothman, Jr.	760 / 608	4.32
31	2E / 29.10	Richard B. Toothman, Jr.	760 / 608	13.56
32	2E / 29.21	Richard B. Toothman, Jr.	760 / 608	5.67
33	2E / 29.20	Roger Pumphrey, Sr. & Elizabeth Rayner	775 / 713	3.69

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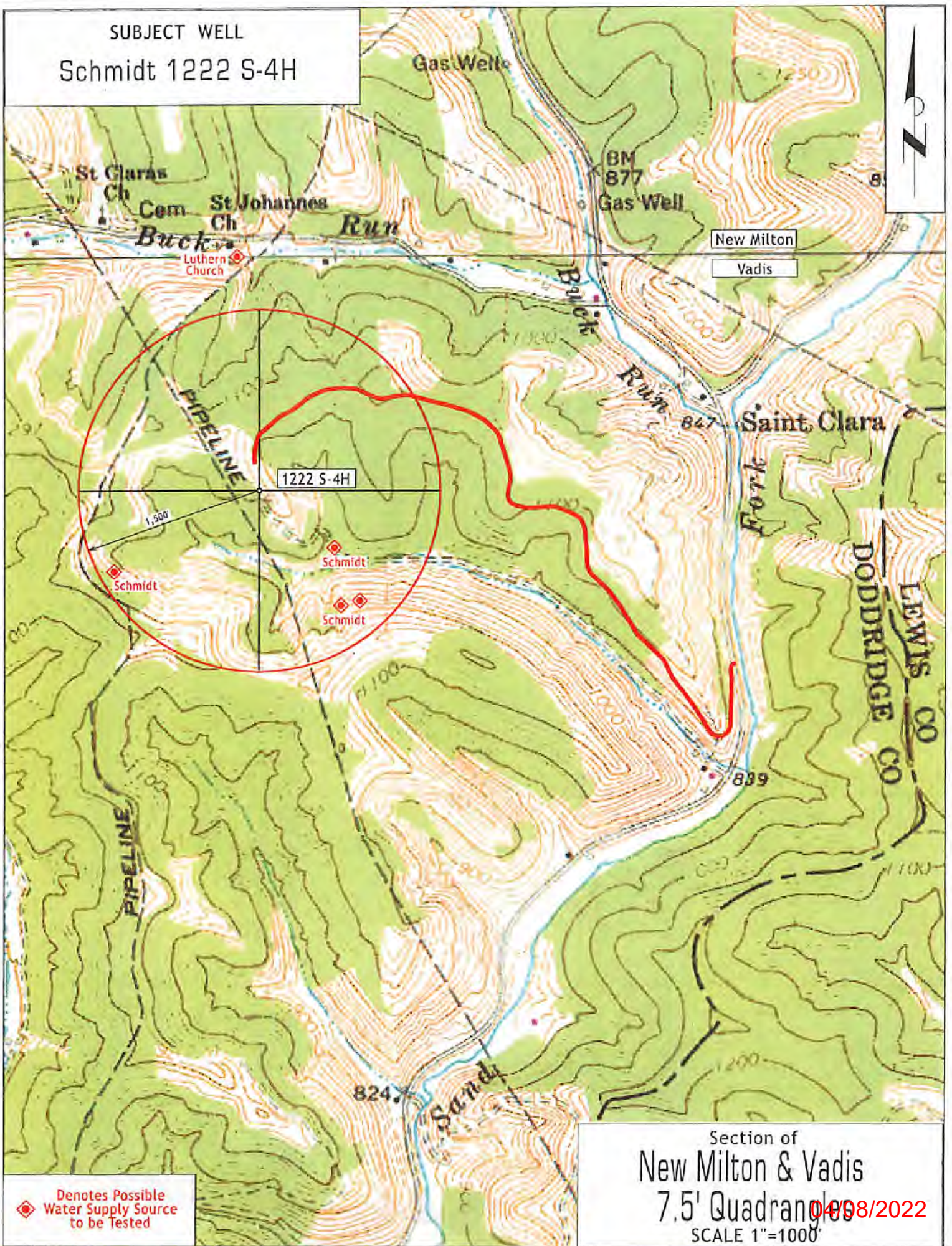
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Parkersburg, WV 26101 Parkersburg, WV 26101

04/08/2022



SUBJECT WELL  
Schmidt 1222 S-4H



Denotes Possible  
Water Supply Source  
to be Tested

Section of  
New Milton & Vadis  
7.5' Quadrangles  
0408/2022  
SCALE 1"=1000'