

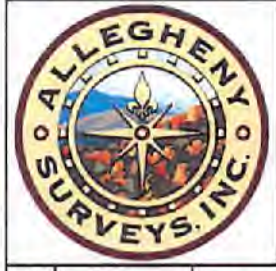
HG Energy II Appalachia, LLC
Well No. Schmidt 1222 S-5H

Page 1 of 3

Proposed Well
Schmidt 1222 S-5H
Top Hole



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



TOP LONGITUDE 80 - 40 - 00
BTM LONGITUDE 80 - 37 - 30

Tag	Bearing	Dist.
L1	S 61°22' E	832.1'
L2	S 41°48' W	1,117.3'
L3	N 86°47' W	1,998.7'
L4	N 00°11' E	1,440.0'
L5	S 74°01' E	2,859.8'

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-5H
West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'10.71" Longitude: 80°42'02.12"
Bottom Hole coordinates Latitude: 39°03'49.33" Longitude: 80°39'59.50"
UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,105.911m E: 525,898.232m
Bottom Hole Coordinates N: 4,323,908.885m E: 528,865.655m
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-5H
UTM NAD 1983 (USSF)
Top Hole Coordinates N: 14,206,355.81' E: 1,725,384.45'
Landing Point Coordinates N: 14,205,568.55' E: 1,728,133.72'
Bottom Hole Coordinates N: 14,186,024.40' E: 1,735,120.07'

FILE NO: 156-12-FC-21
DRAWING NO: Schmidt 1222 S-5H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

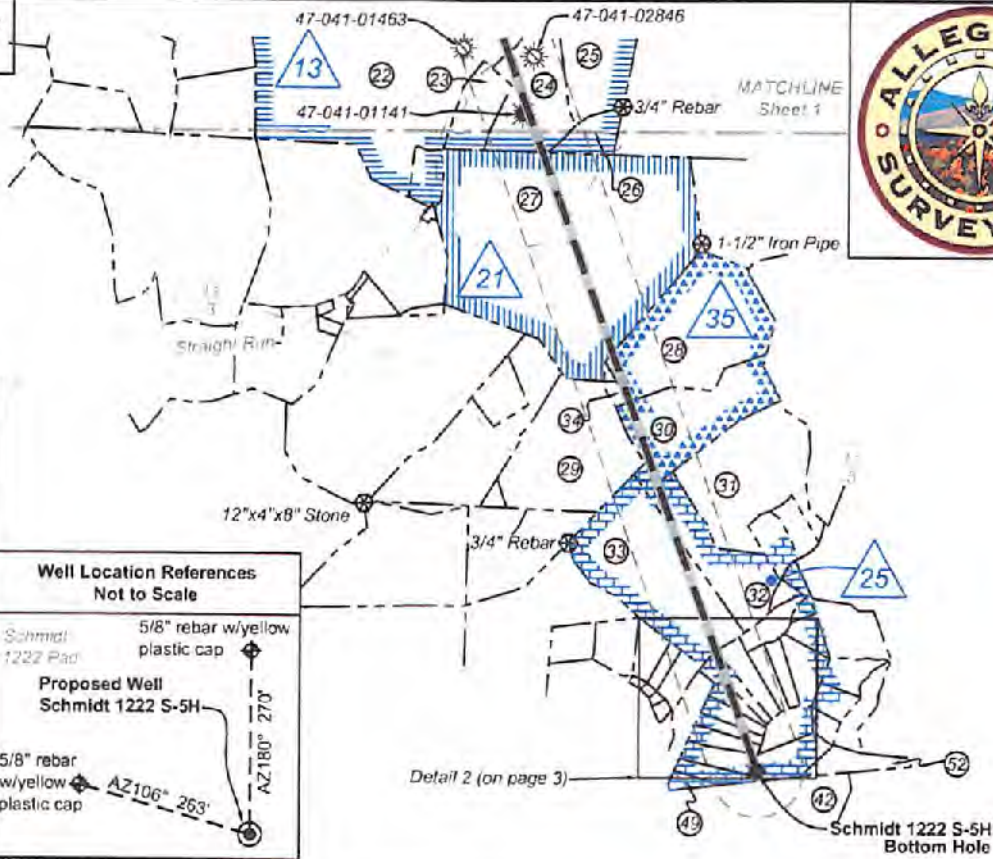
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: March 1 2022
OPERATOR'S WELL NO. Schmidt 1222 S-5H
API WELL NO. HWA
47 - 017 - 06924
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: 237.07
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) 6,962' TVD
 PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 28,736' MD

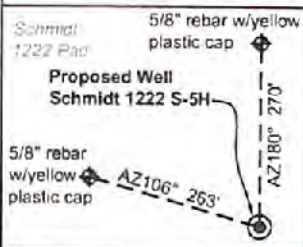
WELL OPERATOR: HG Energy II Appalachia, LLC ADDRESS: 5260 Dupont Road Parkersburg, WV 26101
DESIGNATED AGENT: Diane C. White ADDRESS: 5260 Dupont Road Parkersburg, WV 26101



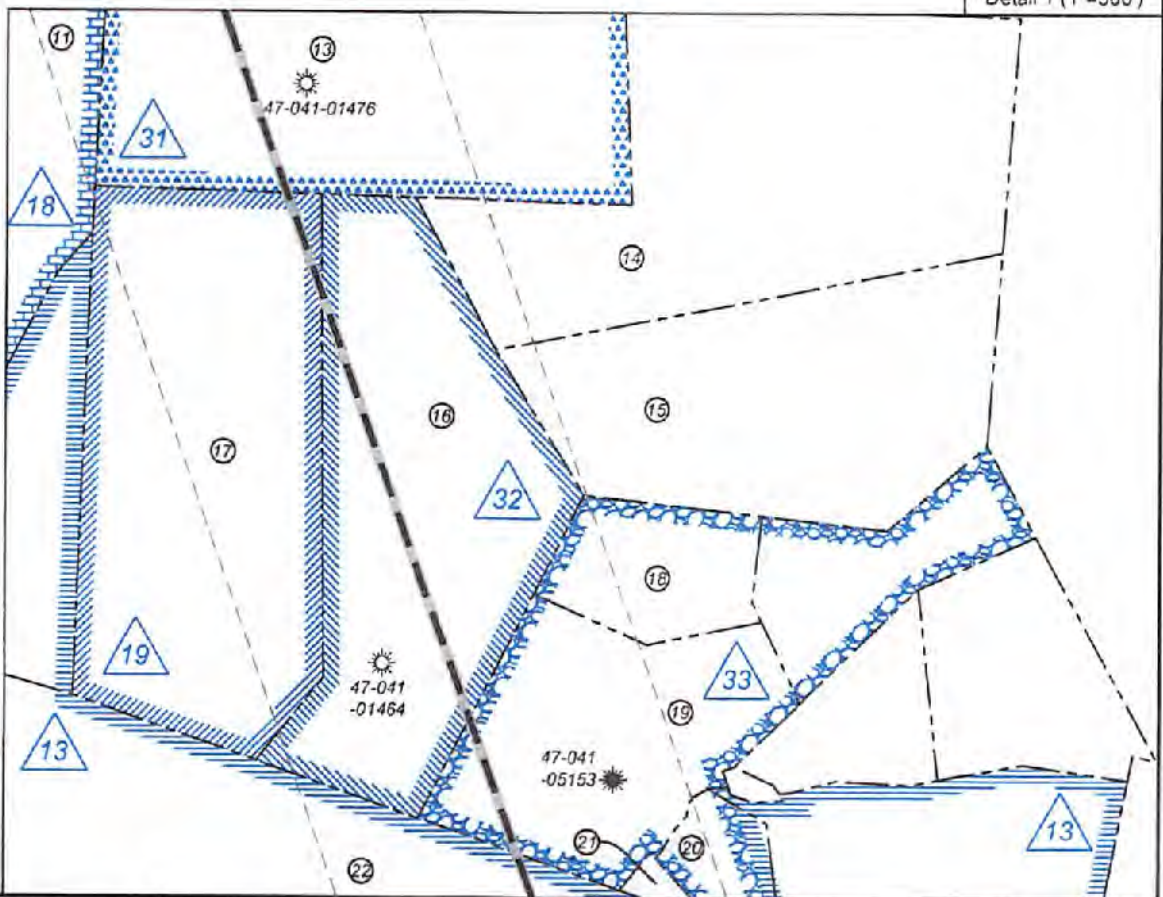
Wellhead Layout (NTS)



Well Location References
Not to Scale



Detail 1 (1"=500')



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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 1, 2022

OPERATOR'S WELL NO, Schmidt 1222 S-5H

API WELL NO

47 - 017 - 06124
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

DISTRICT: Cove/Freemans Creek

SURFACE OWNER: John A. Schmidt

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

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: 28,736' MD 6,962' TVD

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

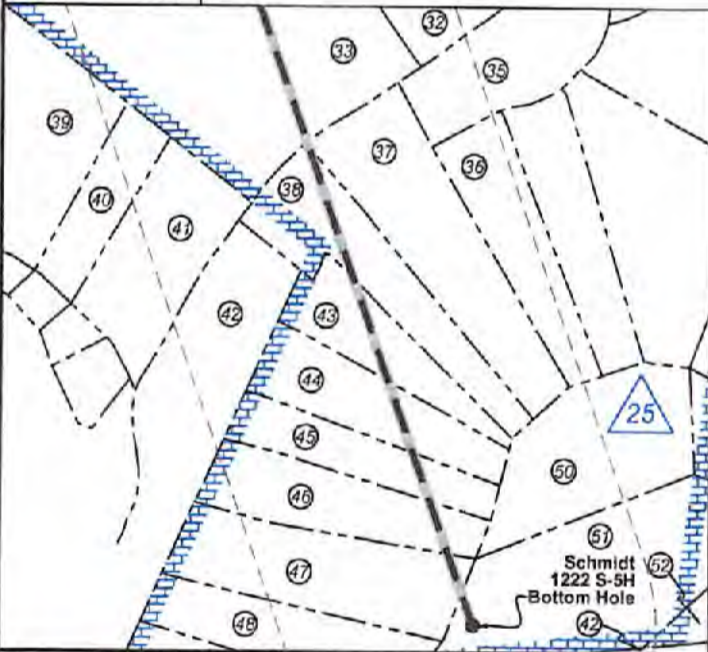
04/08/2022



ID	Lease
1	Frona M. Schmidt, et vir
13	A.T. Gooden, et ux
16	HG Energy II Appalachia, LLC
17	HG Energy II Appalachia, LLC
18	HG Energy II Appalachia, LLC
19	HG Energy II Appalachia, LLC
21	W.D. McCutchan, et al
25	R.G. King, et al
30	Glenn G. Rastle, et al
31	J.W. & Ida E. Lowther
32	HG Energy II Appalachia, LLC
33	HG Energy II Appalachia, LLC
35	L.I. Osbourn

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.)

Detail 3 (1"=500')



Doddridge Co. - Cove Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	10 / 18.1	John A. Schmidt	281 / 622	237.07
2	10 / 9	Forest G. & William S. Wysong, Jr.	W98 / 627	27.00
3	10 / 10	Donald & Terri Riffe	294 / 37	48.92
4	10 / 20	John A. Schmidt	281 / 627	4.17
5	10 / 19	Marilyn Barns & Carolyn Bass	W28 / 552	175.30
6	14 / 2.3	John W. & Jennie Lacy	216 / 509	63.04
7	10 / 22.1	Marilyn Barns, et al	W28 / 552	0.30
Lewis Co. - Freemans Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
8	2C / 5	Martin A. Keely, Jr., et al	706 / 573	135.00
9	2D / 1	Martin A. Keely, Jr., et al	716 / 520	132.50
10	2D / 48	John M. Keely, et al	541 / 127	81.00
11	2D / 4	Margaret Hamberry Estate	AP 150 / 46	85.50
12	2D / 3	HFP, LLC	641 / 576	131.85
13	2D / 27	M.P. & D.M. Davidovich, et al	539 / 131	17.50
14	2D / 26	M.P. & D.M. Davidovich, et al	539 / 131	22.50
15	2D / 25	M.P. & D.M. Davidovich, et al	539 / 131	16.00
16	2D / 23	M.P. & D.M. Davidovich, et al	539 / 131	20.00
17	2D / 24	Michael Parker	720 / 817	22.25
18	2D / 21	M.P. & D.M. Davidovich, et al	539 / 131	4.00
19	2D / 20	M.P. & D.M. Davidovich, et al	539 / 131	11.64
20	2D / 16	Michael T. & Joan C. Parker	538 / 403	1.96
21	2D / 15	Michael T. & Joan C. Parker	538 / 403	0.36
22	2D / 13	Francis L. & Sharon Hertlaub	639 / 89	104.34
23	2D / 12	L.G. & G.R. Lunsford	700 / 74	9.12
24	2D / 14	Michael T. & Joan C. Parker	538 / 403	21.40
25	2D / 14.1	Earl R. Oney	668 / 318	23.85
26	2D / 11	Arthur A. Ruble	544 / 536	5.50
27	2E / 39	Carl G. White, III, et al	544 / 734	126.50
28	2E / 40	Kevin Finneyrock	620 / 774	40.00
29	2E / 13	Richard B. Toothman, Jr.	760 / 608	36.75
30	2E / 36	Kevin Finneyrock	620 / 774	25.00
31	2E / 35	Kevin Finneyrock	620 / 774	40.00
32	2E / 33	Kevin Finneyrock	620 / 774	19.36
33	2E / 32	Roberta J. Friedmann	570 / 153	42.70
34	2E / 34	Kevin Finneyrock	620 / 774	1.00
35	2E / 31.4	Jeri L. Pospesch	FR29 / 652	3.87
36	2E / 31.8	Frankie Osbourne	646 / 715	2.62
37	2E / 31.9	Matthew A. & Beth A. Pennington	724 / 284	4.54
38	2E / 31.10	Matthew A. & Beth A. Pennington	724 / 284	3.26
39	2E / 29.20	John & Donna Ramsey	600 / 435	3.69
40	2E / 29.19	John & Donna Ramsey	600 / 435	1.83
41	2E / 29.17	Marjorie Fulcher	525 / 507	3.60
42	2E / 29	Joseph M. Turner	W1 / 77	52.11
43	2E / 31.11	Matthew A. & Beth A. Pennington	687 / 291	2.06
44	2E / 31.12	Matthew A. & Beth A. Pennington	687 / 291	2.53
45	2E / 31.13	Matthew A. & Beth A. Pennington	687 / 291	2.05
46	2E / 31.14	Matthew A. & Beth A. Pennington	687 / 291	2.73
47	2E / 31.15	Matthew A. & Beth A. Pennington	687 / 291	2.73
48	2E / 31.16	Matthew A. & Beth A. Pennington	687 / 291	2.64
49	2E / 31.17	Matthew A. & Beth A. Pennington	687 / 291	1.38
50	2E / 31.21	Jeri L. Pospesch	670 / 613	4.09
51	2E / 31.22	Jeri L. Pospesch	670 / 613	6.15
52	2E / 31.23	Jeri L. Pospesch	670 / 613	4.74

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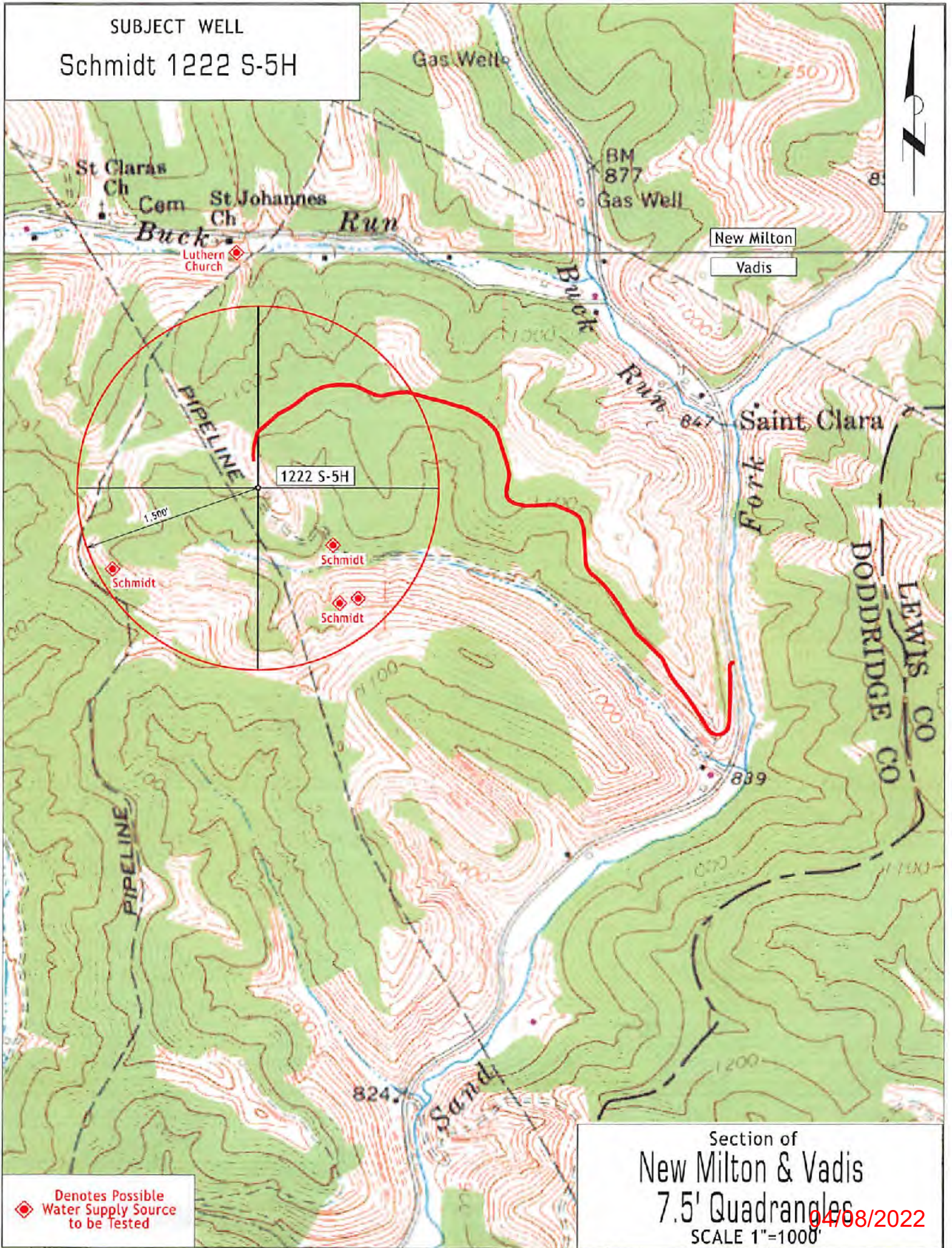
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ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

04/08/2022

SUBJECT WELL
Schmidt 1222 S-5H



◆ Denotes Possible Water Supply Source to be Tested

Section of
New Milton & Vadis
7.5' Quadrangles
9/08/2022
SCALE 1"=1000'