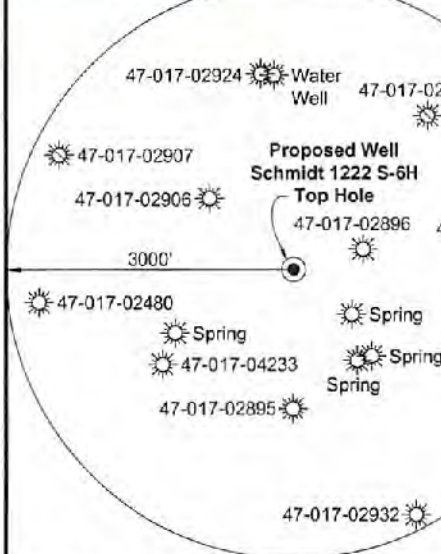


HG Energy II Appalachia, LLC
Well No. Schmidt 1222 S-6H
Page 1 of 3



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.

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



Tag	Bearing	Dist.
L1	S 61°38' E	817.6'
L2	S 42°34' W	1,117.0'
L3	N 86°31' W	2,010.2'
L4	N 00°15' W	1,450.3'
L5	S 75°30' E	4,004.6'

9,632' to Top Hole
11,111' to Bottom Hole
TOP LONGITUDE 80 - 40 - 00
BTM LONGITUDE 80 - 37 - 30
6,368' to Bottom Hole
1,941' to Top Hole

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MAR 07 2022
WV Department of Environmental Protection

Notes: Well No. Schmidt 1222 S-6H West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.
Top Hole coordinates Latitude: 39°07'10.81" Longitude: 80°42'02.25" UTM Zone 17, NAD 1983
Bottom Hole coordinates Latitude: 39°03'57.03" Longitude: 80°39'50.92" UTM Zone 17, NAD 1983
Top Hole Coordinates N: 4,330,109.044m E: 525,894.901m
Bottom Hole Coordinates N: 4,324,147.041m E: 529,070.819m
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-6H UTM NAD 1983 (USSF)
Top Hole Coordinates N: 14,206,366.09' E: 1,725,373.52'
Landing Point Coordinates N: 14,205,363.78' E: 1,729,250.69'
Bottom Hole Coordinates N: 14,186,805.75' E: 1,735,793.18'

FILE NO: 156-12-FC-21
DRAWING NO: Schmidt 1222 S-6H Well Plat
SCALE: 1" = 2000'
MINIMUM DEGREE OF ACCURACY: Submeter
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

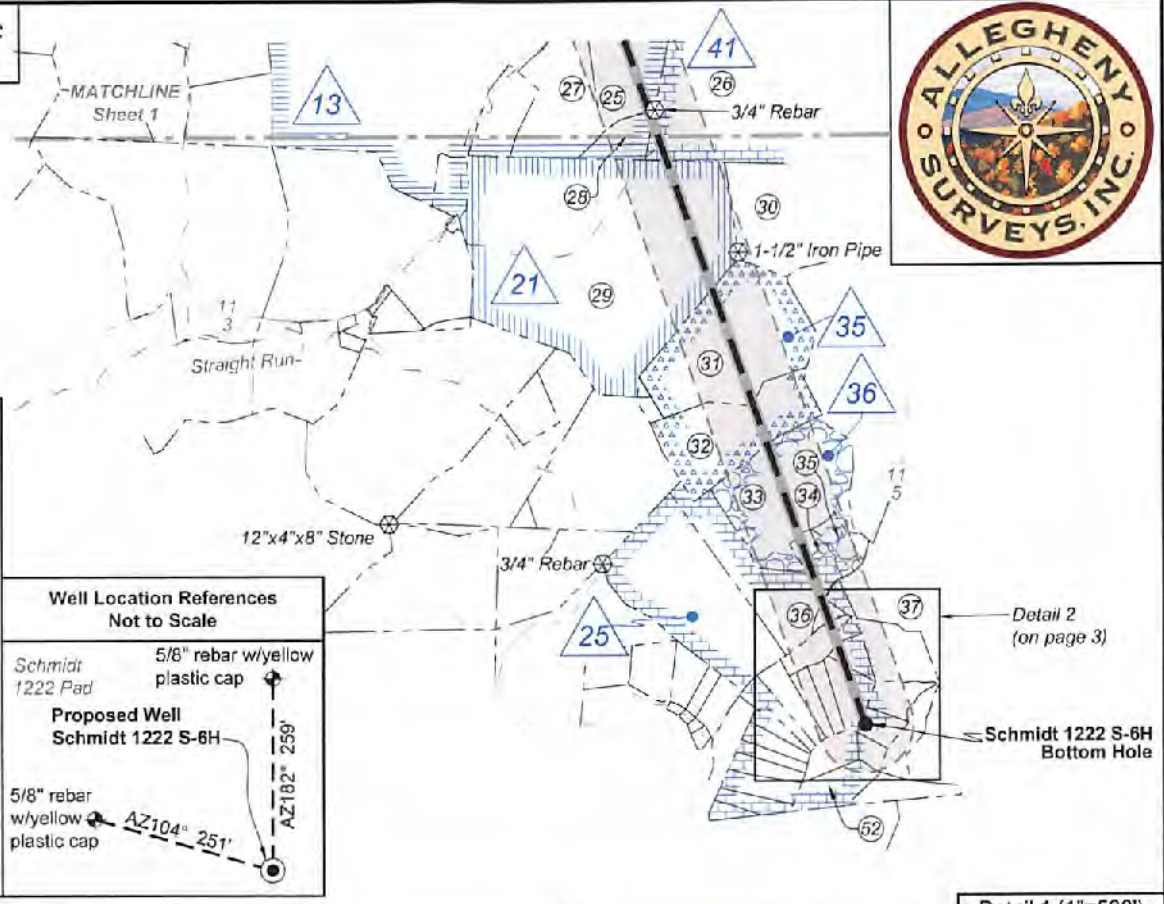
STATE OF WEST VIRGINIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
OIL AND GAS DIVISION

DATE: February 21 2022
OPERATOR'S WELL NO. Schmidt 1222 S-6H
API WELL NO
47 - 017 - 06925
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 QUADRANGLE: Vadis
SURFACE OWNER: John A. Schmidt COUNTY: Doddridge
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: 6,962' TVD
28,228' MD

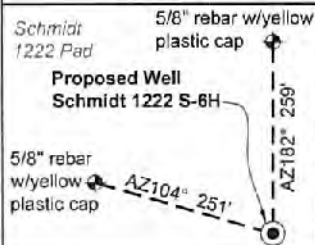
WELL OPERATOR: HG Energy II Appalachia, LLC DESIGNATED AGENT: Diane C. White
ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101



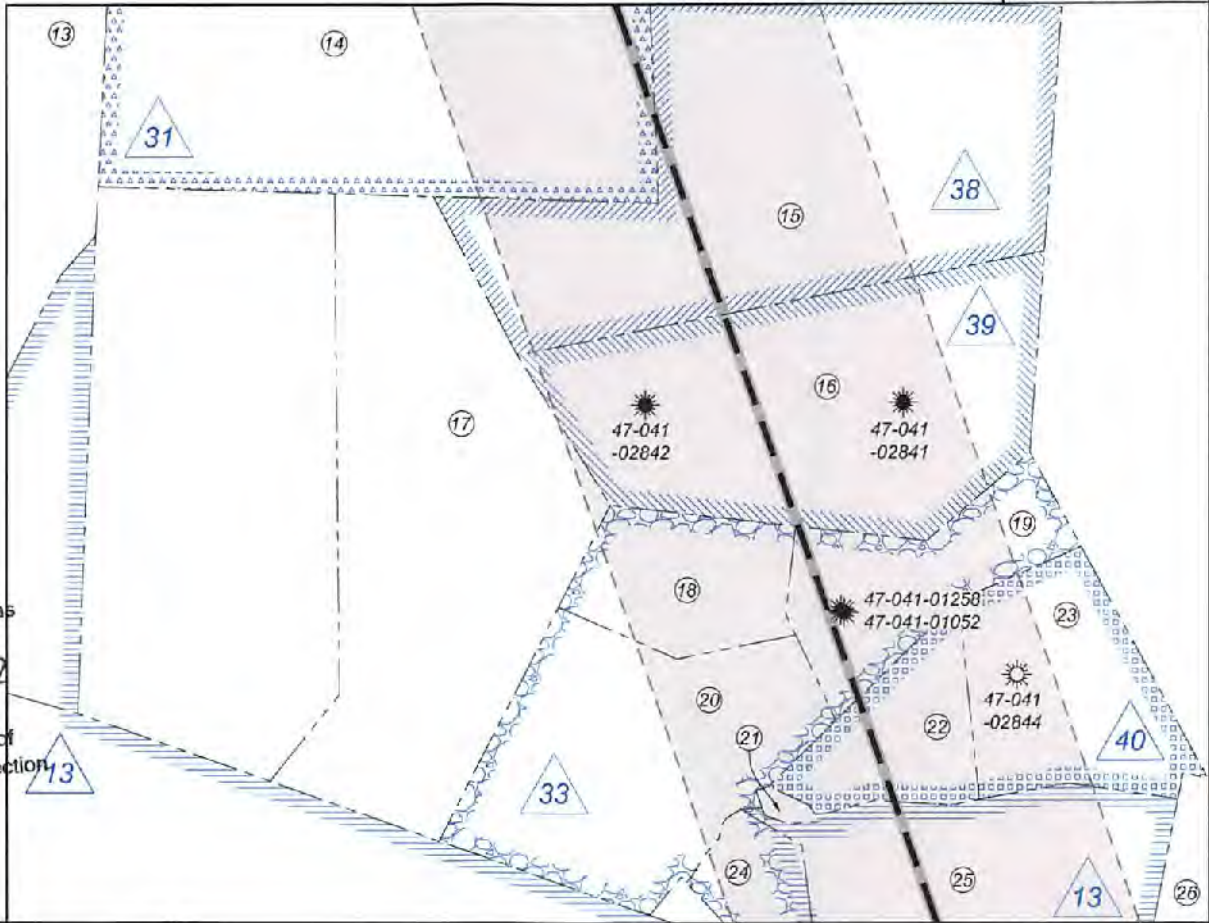
Wellhead Layout (NTS)



Well Location References
Not to Scale



Detail 1 (1"=500')



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

DATE: February 21 2022
OPERATOR'S WELL NO. Schmidt 1222 S-6H
API WELL NO
47 - 017 - 06915
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: Boone

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)

PLUG AND ABANDON CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 6,962' TVD 28,228' 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



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
21	W.D. McCutchan, et al
25	R.G. King, et al
30	Glenn G. Rastle, et al
31	HG Energy II Appalachia, LLC
33	HG Energy II Appalachia, LLC
35	L.I. Osbourn
36	L.I. Osbourn, et al
37	HG Energy II Appalachia, LLC
38	HG Energy II Appalachia, LLC
39	HG Energy II Appalachia, LLC
40	HG Energy II Appalachia, LLC
41	M.C. Marsh, 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.)
	Adjoiner surface tracts (approx.)
	County Line (approx.)

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Office of Oil and Gas

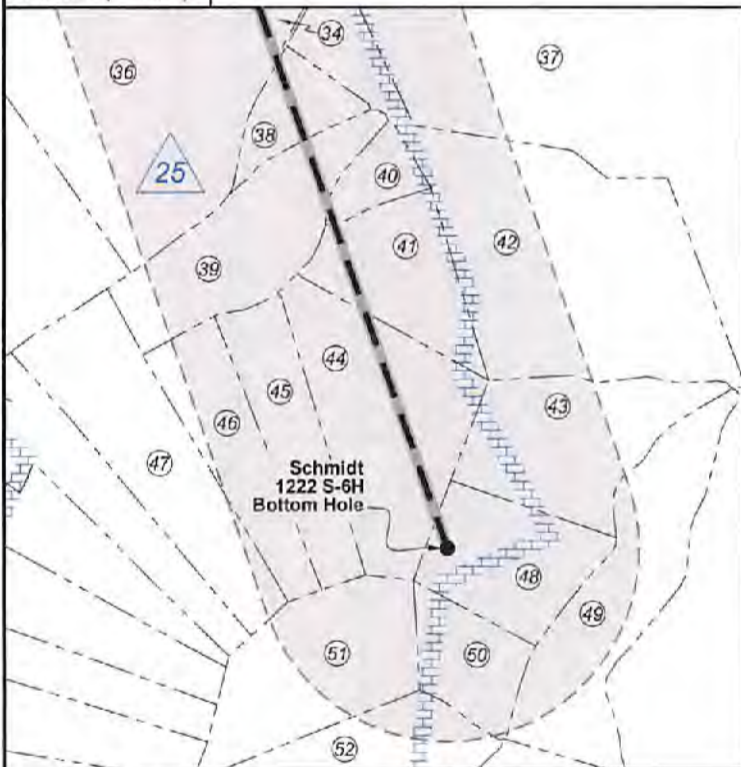
MAR 07 2022

WV Department of
Environmental Protection

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 Riffiee	294 / 37	48.92
4	10 / 18	Thomas E. & Anna S. Doak	281 / 631	64.29
5	10 / 20	John A. Schmidt	281 / 627	4.17
6	10 / 19	Marilyn Barns & Carolyn Bass	W28 / 552	175.30

Lewis Co. - Freemans Creek Dist.				
No.	TM / Par	Owner	Bk / Pg	Ac.
7	2C / 5	Martin A. Keely, Jr., et al	706 / 573	135.00
8	2D / 48	John M. Keely, et al	541 / 127	81.00
9	2D / 1	Martin A. Keely, Jr., et al	716 / 520	132.50
10	2D / 3.2	Jim C. Hamer Co.	530 / 378	20.00
11	2D / 3.3	Jim C. Hamer Co.	530 / 378	10.00
12	2D / 3	HFP, LLC	641 / 576	131.85
13	2D / 4	Margaret Hamberry Estate	AP 150 / 48	85.50
14	2D / 27	M.P. & D.M. Davidovich, et al	539 / 131	17.50
15	2D / 26	M.P. & D.M. Davidovich, et al	539 / 131	22.50
16	2D / 25	M.P. & D.M. Davidovich, et al	539 / 131	16.00
17	2D / 23	M.P. & D.M. Davidovich, et al	539 / 131	20.00
18	2D / 21	M.P. & D.M. Davidovich, et al	539 / 131	4.00
19	2D / 19	M.P. & D.M. Davidovich, et al	539 / 131	4.50
20	2D / 20	M.P. & D.M. Davidovich, et al	539 / 131	11.64
21	2D / 17	M.P. & D.M. Davidovich, et al	539 / 131	0.22
22	2D / 18	Anthony S. & Dawn H. VanWie	732 / 622	3.72
23	2D / 18.1	Anthony S. & Dawn H. VanWie	732 / 622	6.10
24	2D / 16	Michael T. & Joan C. Parker	538 / 403	1.96
25	2D / 14.1	Earl R. Oney	668 / 318	23.86
26	2D / 32	Arthur A. Ruble	544 / 536	58.00
27	2D / 14	Michael T. & Joan C. Parker	538 / 403	21.40
28	2D / 11	Arthur A. Ruble	544 / 536	5.50
29	2E / 39	Carl G. White, III, et al	544 / 734	126.50
30	2E / 41.1	David B. Long	717 / 614	72.75
31	2E / 40	Kevin Finneyfrock	620 / 774	40.00
32	2E / 36	Kevin Finneyfrock	620 / 774	25.00
33	2E / 35	Kevin Finneyfrock	620 / 774	40.00
34	2E / 35.2	Oscar Lunsford III	MR 12 / 300	4.50
35	2E / 35.1	Kevin Finneyfrock	620 / 774	4.14
36	2E / 33	Kevin Finneyfrock	620 / 774	19.36
37	2E / 45	Chad W. Johnson, et al	723 / 719	173.00
38	2E / 31.3	Marjorie Futcher	515 / 211	1.23
39	2E / 31.4	Jeri L. Pospech	FR29 / 652	3.87
40	2E / 31.2	Craig T. Pospech, et al	FID / 652	0.82
41	2E / 31.5	Jeri L. Pospech	FR29 / 652	2.68
42	2E / 31.1	Craig T. Pospech, et al	FID / 652	10.00
43	2E / 31.19	Jeri L. Pospech	670 / 613	3.90
44	2E / 31.6	Jeri L. Pospech	FR29 / 652	5.14
45	2E / 31.7	Freddie & Beverly Baisden	515 / 74	2.60
46	2E / 31.8	Frankie Osbourne	646 / 715	2.62
47	2E / 31.9	Matthew A. & Beth A. Pennington	724 / 284	4.54
48	2E / 31.20	Jeri L. Pospech	670 / 613	2.90
49	2E / 31.24	Jeri L. Pospech	670 / 613	4.74
50	2E / 31.18	Timothy J. Moore	513 / 388	1.73
51	2E / 31.21	Jeri L. Pospech	670 / 613	4.09
52	2E / 31.22	Jeri L. Pospech	670 / 613	6.15

Detail 2 (1"=500')



FILE NO: 156-12-FC-21
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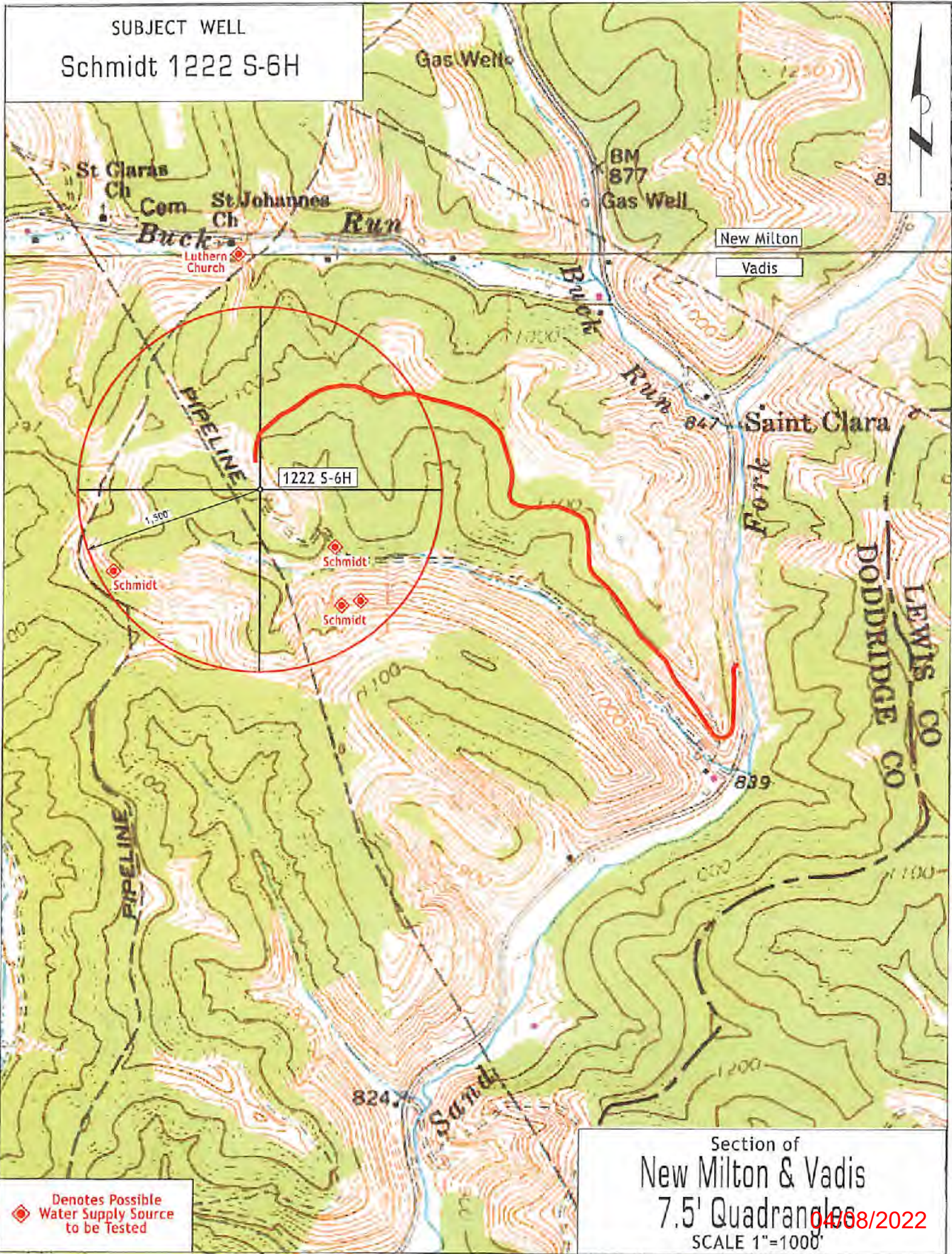
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ADDRESS: 5260 Dupont Road ADDRESS: 5260 Dupont Road
Parkersburg, WV 26101 Parkersburg, WV 26101

SUBJECT WELL
Schmidt 1222 S-6H



Denotes Possible Water Supply Source to be Tested

Section of
New Milton & Vadis
7.5' Quadrangles
04/08/2022
SCALE 1"=1000'