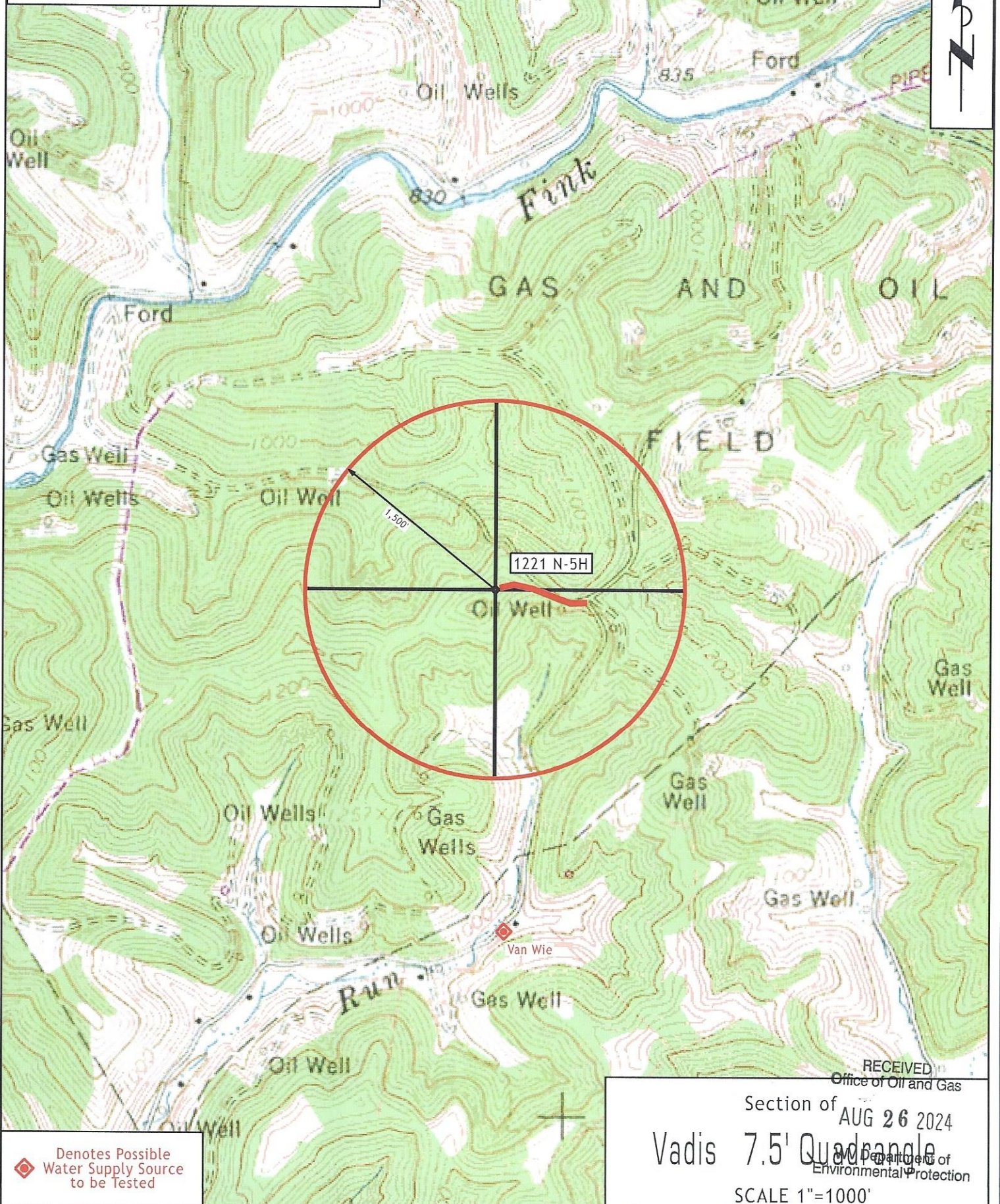


4704105764

SUBJECT WELL  
Van Wie 1221 N-5H



Denotes Possible Water Supply Source to be Tested

RECEIVED  
Office of Oil and Gas  
Section of  
AUG 26 2024  
Vadis 7.5' Quadrangle  
U.S. Department of  
Environmental Protection  
SCALE 1"=1000'

10/04/2024



3,931' to Bottom Hole

520' to Top Hole

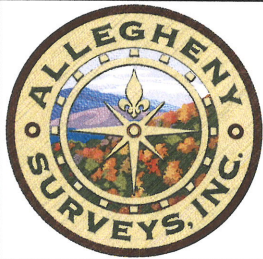
TOP LATITUDE 39 - 07 - 30  
BTM LATITUDE 39 - 10 - 00

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

10,973' to Top Hole

8,182' to Bottom Hole

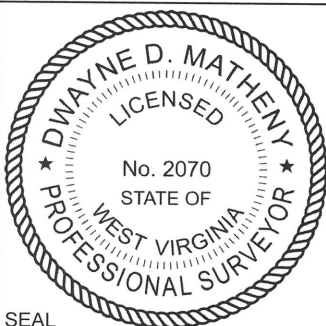
HG Energy II Appalachia, LLC  
Well No. Van Wie 1221 N-5H



Page 1 of 2

Page 2 Match Line

Stone w/3 notches on top of knob



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

Doddridge County  
Lewis County

2" Iron Pipe

2" Iron Pipe

47-041-02742

500' Buffer

500' Buffer

5/8" Rebar w/cap

Bottom Hole  
7.5' Spot

5/8" Rebar

47-041-02803

47-041-02805

Top Hole  
7.5' Spot

Large Rock

Leading Creek

47-041-02813

47-041-02814

47-041-02660

47-041-02798

5/8" Rebar w/cap

47-041-01294

47-041-01297

47-041-04705

47-041-02839

47-041-02809

47-041-02798

47-041-01295

47-041-01297

47-041-01294

47-041-02838

47-041-01178

47-041-02799

47-041-01177

47-041-01134

47-041-01134

47-041-01269

47-041-30127

47-041-01267

47-041-01268

47-041-01265

47-041-H-19886

47-041-01184

47-041-01258

47-041-01052

47-041-02844

47-041-00499

47-041-02574

47-041-02837

47-041-02809

47-041-02836

47-041-01295

47-041-04705

47-041-01294

47-041-02838

47-041-01178

47-041-02799

47-041-01177

47-041-01134

47-041-01269

47-041-30127

47-041-01267

47-041-01268

47-041-01265

47-041-H-19886

47-041-01184

47-041-01258

47-041-01052

47-041-02844

47-041-00499

47-041-02574

Tag	Bearing	Dist.	Description
L1	N 73°12' E	2,947.6'	5/8" Iron rebar
L2	S 75°18' E	2,813.0'	47-041-02839
L3	S 62°06' E	2,489.1'	5/8" Iron rebar
L4	S 29°45' W	1,631.8'	47-041-02809
L5	N 63°54' E	2,708.2'	Landing Point

Note: 0 water wells, 0 cistern, and 0 pond were 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.

FILE NO: 170-12-30-FC-22  
DRAWING NO: Van Wie 1221 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: August 27 20 24  
OPERATOR'S WELL NO. Van Wie 1221 N-5H  
API WELL NO  
47 - 041 - 05764  
STATE COUNTY PERMIT

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

LOCATION: ELEVATION: 1,251.77' WATERSHED: Fink Creek

DISTRICT: Freemans Creek

QUADRANGLE: Vadis  
COUNTY: Lewis  
ACREAGE: 131.85

SURFACE OWNER: HG Energy II Appalachia, LLC, et al

ROYALTY OWNER: Joseph Krenn, et al

LEASE NO: \_\_\_\_\_ ACREAGE: 245

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: 7,035' TVD  
26,168' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

ADDRESS: 5260 Dupont Road  
Parkersburg, WV 26101

10/04/2024

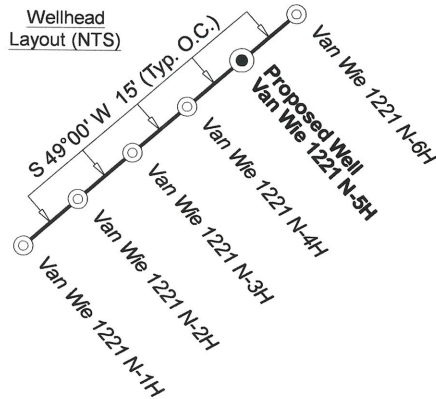




Legend

- 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.)

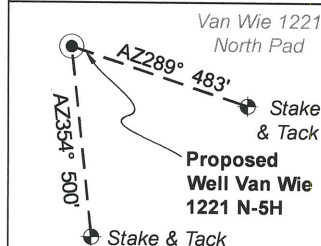
Wellhead  
Layout (NTS)



West Virginia Coordinate System of 1927, North Zone based upon Differential GPS Measurements.

Notes: Well No. Van Wie 1221 N-5H WVCS 1927, North Zone  
Top Hole Coordinates  
Lat: 39°05'41.50"  
Lon: 80°40'06.59"  
Landing Point Coordinates  
Lat: 39°05'53.19"  
Lon: 80°39'35.68"  
Bottom Hole Coordinates  
Lat: 39°08'39.10"  
Lon: 80°40'49.92"

Well Location References  
Not to Scale



3/4" Rebar @ fence corner

5/8" Rebar

Van Wie 1221 N-5H Bottom Hole

5/8" Rebar

Page 1 Match Line

47-017-01073

47-017-02453

Lewis Co. (Freemans Creek Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
1	2D / 3	HG Energy II Appalachia, LLC	800 / 637	131.85
2	2D / 29	Anthony S. & Dawn H. VanWie	732 / 622	26.63
3	2D / 30	Anthony S. & Dawn H. VanWie	732 / 622	19.00
4	2D / 37	Jacob R. Straley Heirs	728 / 53	97.00
5	2D / 3.1	HG Energy II Appalachia, LLC	800 / 637	20.00
6	2D / 38	William J. & Ann McCutchan	793 / 173	26.96
7	2D / 40	Judith A. Rioch	403 / 270	63.89
8	2D / 42	Frances McCutchan, et al	726 / 561	124.30
9	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
10	2C / 9	William & Anne McCutchan	683 / 426	46.04
11	2C / 8	Frances McCutchan	726 / 561	9.00
12	2C / 12	Frances McCutchan, et al	726 / 561	159.75
13	2C / 4	Susanne Seccurro	725 / 199	111.75
14	2C / 13	Jenny E. Dropplemann, et al	740 / 25	97.00
15	2C / 14	Jenny E. Dropplemann, et al	740 / 25	16.00
16	2C / 15	Jenny E. Dropplemann, et al	740 / 25	107.25
17	2C / 2	Clarence D. Brown	W4 / 572	96.50
18	2C / 27	Dorothy K. Downey & Frank A. Altomare, Jr.	418 / 615	90.90
19	2C / 1	Clarence D. Brown	589 / 428	14.60
Doddridge Co. (Cove Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
20	10 / 15	Scott Flanagan, et al	W44 / 594	98.44
21	10 / 15.1	Scott Flanagan, et al	239 / 591	101.56
22	6 / 11.1	Florence A. Adams	W103 / 448	102.00
23	6 / 11	Joseph D. & Darlene K. Church	244 / 451	107.60
24	6 / 10.4	Duane A., Gregory D., & John S. Adams	232 / 377	4.69
25	6 / 10.6	Lewie K. Andrews	386 / 485	17.65
26	6 / 10.5	Charles R. & Lori L. Tucker	390 / 601	26.77
27	6 / 10	Robert Johnson & Ricky Jenkins	505 / 637	8.68
28	6 / 5.1	Paul K. & Linda K. Rogers	471 / 559	126.45
29	6 / 5.3	Charles E. & Carol F. Reel	247 / 613	62.76
30	6 / 10.2	Robert Johnson & Ricky Jenkins	505 / 637	51.84

UTM Zone 17, NAD 1983  
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. Van Wie 1221 N-5H UTM NAD 1983 (USSF)  
Top Hole Coordinates  
N: 14,197,366.18'  
E: 1,734,518.86'  
Landing Point Coordinates  
N: 14,198,557.30'  
E: 1,736,951.03'  
Bottom Hole Coordinates  
N: 14,215,315.17'  
E: 1,731,041.05'

Notes: Well No. Van Wie 1221 N-5H UTM NAD 1983 (Meters)  
Top Hole Coordinates  
N: 4,327,365.866m  
E: 528,682.406m  
Landing Point Coordinates  
N: 4,327,728.920m  
E: 529,423.733m  
Bottom Hole Coordinates  
N: 4,332,836.729m  
E: 527,622.367m

ID	Lease
1	J.C. Starcher & A.C. Starcher
2	HG Energy II Appalachia, LLC
3	Joseph Krenn, et ux
5	John Tierney
16	William Walsh
17	Frank J. Maxwell, et ux, et al
18	Lorena M. Fahey, et vir, et al
19	C.E. Lawhead, et ux, et al
22	Virginia Trimble, et al
24	Stella Severin, et al
25	Emma Droppleman, et al

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ACREAGE: 131.85

ROYALTY OWNER: Joseph Krenn, et al LEASE NO: \_\_\_\_\_ ACREAGE: 245  
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 PERFORATE NEW FORMATION  OTHER PHYSICAL CHANGE IN WELL (SPECIFY) \_\_\_\_\_

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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