

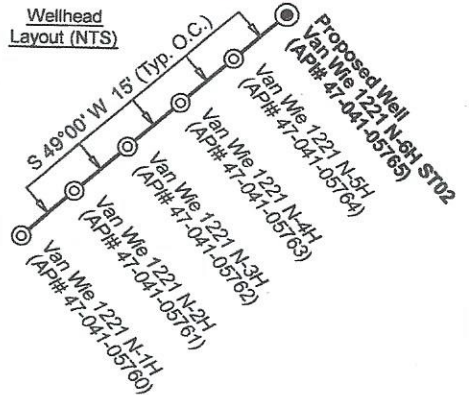


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Legend

- 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-6H ST02
 WVCS 1927, North Zone
 Top Hole Coordinates
 Lat: 39°05'41.60"
 Lon: 80°40'06.45"
 Landing Point Coordinates
 Lat: 39°05'58.36"
 Lon: 80°39'25.09"
 Bottom Hole Coordinates
 Lat: 39°08'20.21"
 Lon: 80°40'28.64"

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-6H ST02
 UTM NAD 1983 (USF)
 Top Hole Coordinates
 N: 14,197,376.01'
 E: 1,734,530.17'
 Landing Point Coordinates
 N: 14,199,083.36'
 E: 1,737,783.26'
 Bottom Hole Coordinates
 N: 14,213,410.00'
 E: 1,732,724.00'

Notes: Well No.
 Van Wie 1221 N-6H ST02
 UTM NAD 1983 (Meters)
 Top Hole Coordinates
 N: 4,327,368.863m
 E: 528,685.853m
 Landing Point Coordinates
 N: 4,327,889.264m
 E: 529,677.397m
 Bottom Hole Coordinates
 N: 4,332,256.033m
 E: 528,135.331m

ID	Lease
1	J.C. Starcher & A.C. Starcher
2	HG Energy II Appalachia, LLC
3	Joseph Krenn, et ux
16	William Walsh
17	Frank J. Maxwell, et ux, et al
18	Lorena M. Fahay, et vir, et al
19	C.E. Lawhead, et ux, et al
20	Leeman Maxwell, et al
21	Dennis Conry & Maggie Conry
22	Virginia Trimble, et al
25	Emma Droppelman, et al
28	R.A. Droppelman, et ux, et al

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 / 45	Matthew D. & Linda S. Richards	553 / 117	54.00
6	2D / 3.1	HG Energy II Appalachia, LLC	800 / 637	20.00
7	2D / 38	William J. & Ann McCutchan	793 / 173	26.96
8	2D / 40	Judith A. Rioch	403 / 270	63.89
9	2D / 42	Frances McCutchan, et al	726 / 561	124.30
10	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
11	2C / 9	William & Anne McCutchan	683 / 426	46.04
12	2C / 10	William & Anne McCutchan	683 / 426	1.04
13	2C / 8	Frances McCutchan	726 / 561	9.00
14	2C / 12	Frances McCutchan, et al	726 / 561	159.75
15	2C / 11	Robert E. & Joyce E. McCutchan	775 / 930	91.14
16	2C / 13	Jenny E. Droppelman, et al	740 / 25	97.00
17	2C / 14	Jenny E. Droppelman, et al	740 / 25	16.00
18	2C / 15	Jenny E. Droppelman, et al	740 / 25	107.25
19	2C / 27	Dorothy K. Downey & Frank A. Altomare, Jr.	418 / 615	90.90
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	7 / 2	Florence A. Adams	W103 / 448	292.87

Well Location References Not to Scale



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

DATE: July 11 20 25
 OPERATOR'S WELL NO. Van Wie 1221 N-6H ST02
 API WELL NO
 47 — 041 — 05765
 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

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

ROYALTY OWNER: Joseph Krenn, 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: 7,193' TVD 24,489' MD

WELL OPERATOR: HG Energy II Appalachia, LLC

DESIGNATED AGENT: Diane C. White

ADDRESS: 5260 Dupont Road

ADDRESS: 5260 Dupont Road

Parkersburg, WV 26101

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