

Tag	Bearing	Dist.	Description
L1	N 73°12' E	2,947.2'	5/8" Iron rebar
L2	S 75°18' E	2,812.5'	47-041-02839
L3	S 62°05' E	2,488.6'	5/8" Iron rebar
L4	S 29°46' W	1,631.9'	47-041-02809

Antero Resources
Well No. Van Wie 1221 N-5H
As-Drilled
Antero Resources Corporation

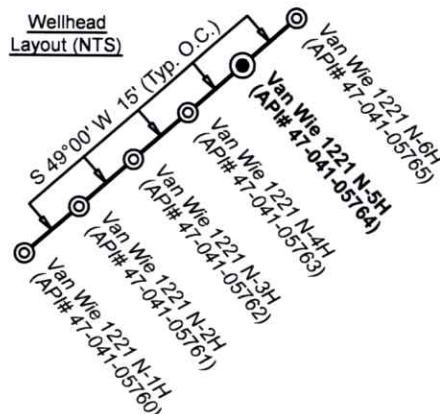


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Legend

- 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)



3/4" Rebar @
fence corner

Van Wie
1221 N-5H
Bottom Hole

Page 1 Match Line

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 Securro	725 / 199	111.75
14	2C / 13	Jenny E. Droppelmann, et al	740 / 25	97.00
15	2C / 14	Jenny E. Droppelmann, et al	740 / 25	16.00
16	2C / 15	Jenny E. Droppelmann, 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

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

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 Droppelman, et al

Notes:
Well No. Van Wie Unit
1221 N-5H
As-Drilled POE Coordinates
WV Coordinate System
of 1927, South Zone
N: 764,192.87'
E: 2,096,527.43'
Latitude: 39°05'53.08"
Longitude: 80°39'35.70"
UTM Zone 17, NAD 1983
N: 4,327,725.473m
E: 529,423.102m

Notes
West Virginia Coordinate System
of 1927, South Zone
based upon Differential GPS Measurements.
Well No. Van Wie Unit 1221 N-5H
Top Hole coordinates are
N: 763,012.95' Latitude: 39°05'41.50"
E: 2,094,095.61' Longitude: 80°40'06.60"
Bottom Hole coordinates are
N: 780,969.70' Latitude: 39°08'39.10"
E: 2,090,614.85' Longitude: 80°40'49.96"
UTM Zone 17, NAD 1983
Top Hole Coordinates Bottom Hole Coordinates
N: 4,327,365.922m N: 4,332,836.571m
E: 528,682.235m E: 527,621.294m
Plat orientation and corner and well references
are based upon the grid north meridian.
Well location references are based upon the magnetic
meridian.

FILE NO: 63-12-FC-26

DRAWING NO: Van Wie 1221 N-5H As-Drilled

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: July 15 20 26

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

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) As-Drilled

☐ PLUG AND ABANDON ☐ CLEAN OUT AND REPLUG TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,255' TVD
26,317' MD

WELL OPERATOR: Antero Resources Corporation

DESIGNATED AGENT: Conrad Baston

ADDRESS: 1615 Wynkoop Street
Denver, CO 80202

ADDRESS: 535 White Oaks Blvd.
Bridgeport, WV 26330