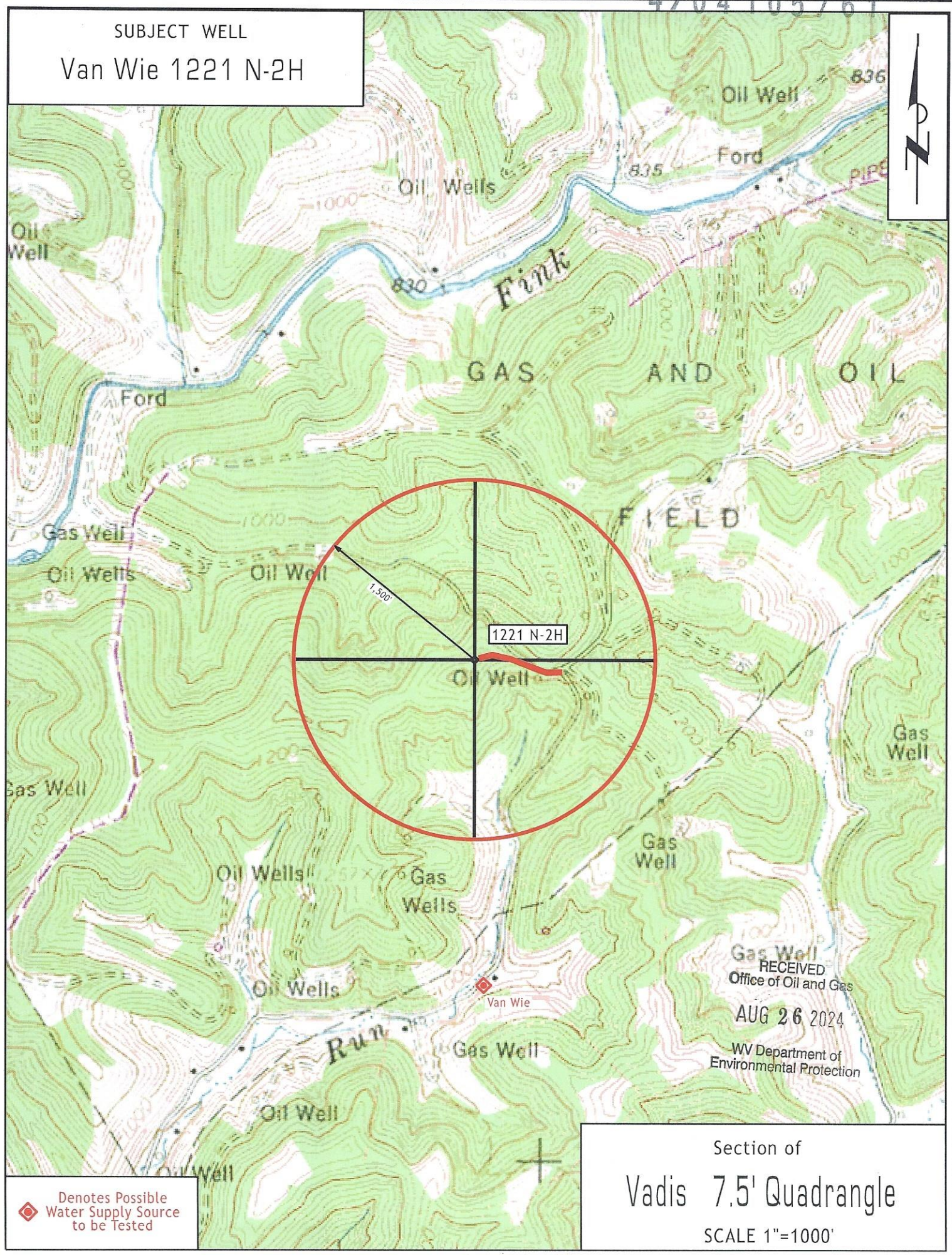


4704105761

SUBJECT WELL
Van Wie 1221 N-2H

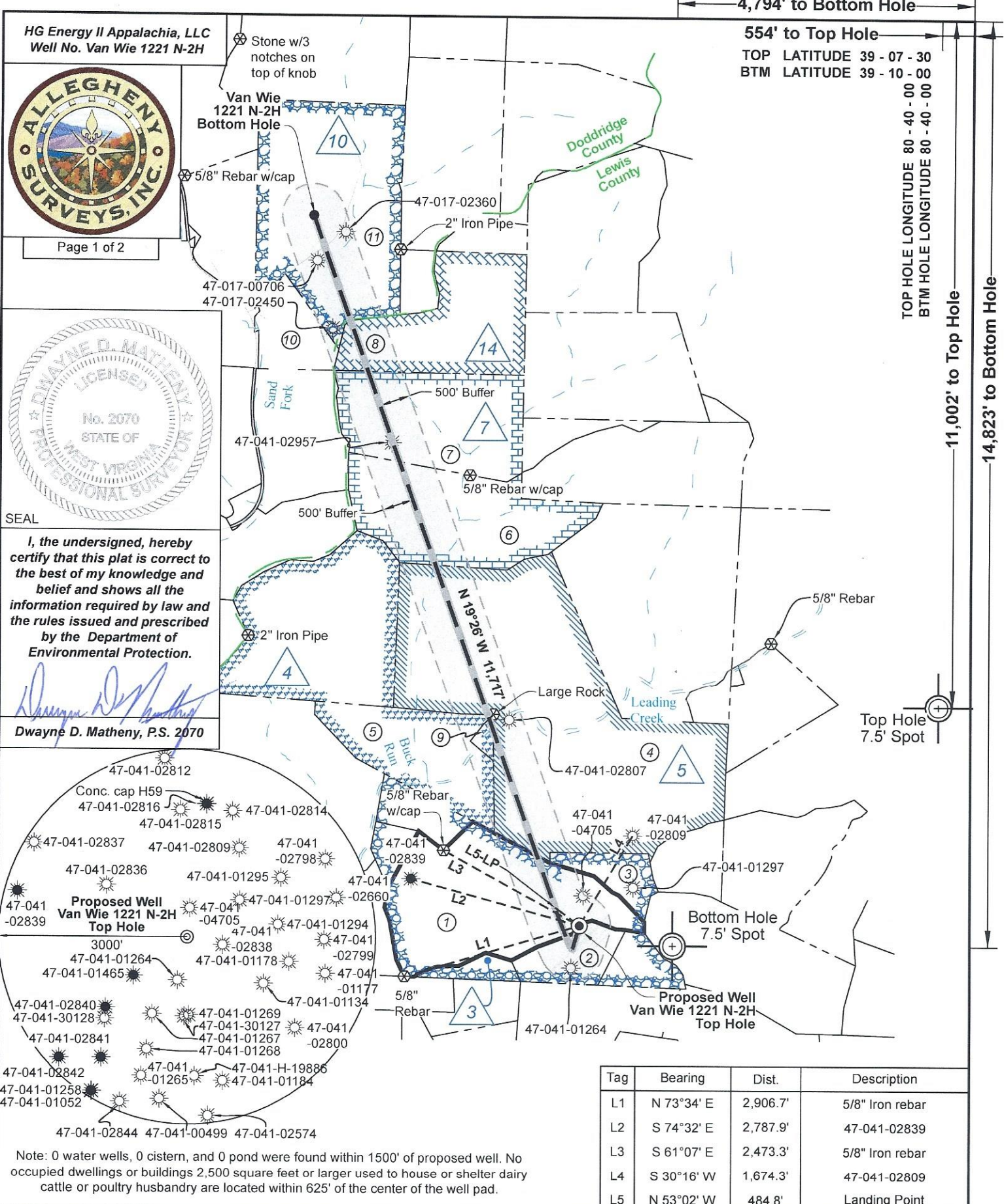


Denotes Possible Water Supply Source to be Tested

Section of
Vadis 7.5' Quadrangle
SCALE 1"=1000'

RECEIVED
Office of Oil and Gas
AUG 26 2024
WV Department of Environmental Protection

10/04/2024



4,794' to Bottom Hole

554' to Top Hole

TOP LATITUDE 39 - 07 - 30

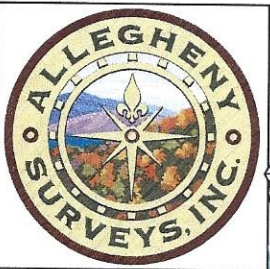
BTM LATITUDE 39 - 10 - 00

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

11,002' to Top Hole

14,823' to Bottom Hole

HG Energy II Appalachia, LLC
Well No. Van Wie 1221 N-2H

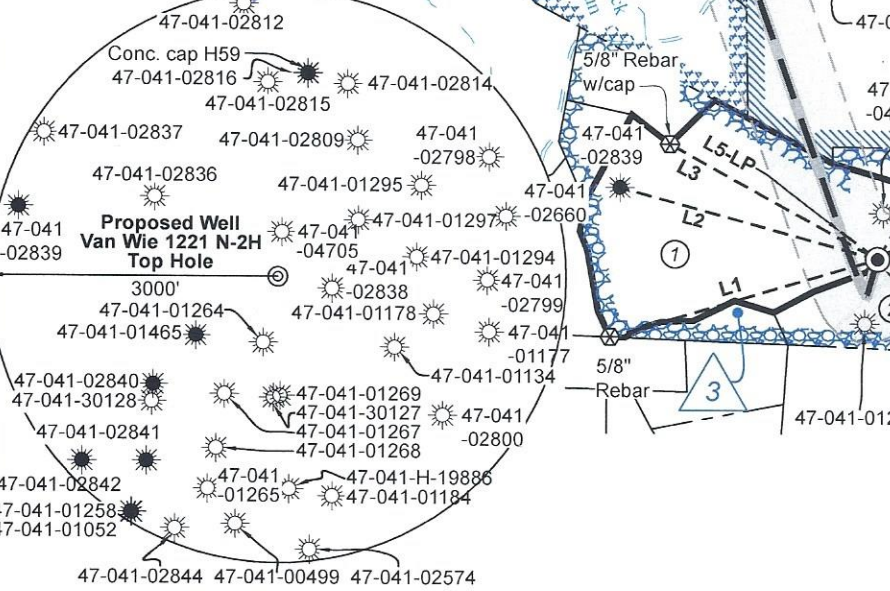


Page 1 of 2



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, 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.

Tag	Bearing	Dist.	Description
L1	N 73°34' E	2,906.7'	5/8" Iron rebar
L2	S 74°32' E	2,787.9'	47-041-02839
L3	S 61°07' E	2,473.3'	5/8" Iron rebar
L4	S 30°16' W	1,674.3'	47-041-02809
L5	N 53°02' W	484.8'	Landing Point

FILE NO: 170-12-30-FC-22
DRAWING NO: Van Wie 1221 N-2H 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: July 8 20 24
OPERATOR'S WELL NO. Van Wie 1221 N-2H
API WELL NO
47 - 041 - 05761 H6A
STATE COUNTY PERMIT

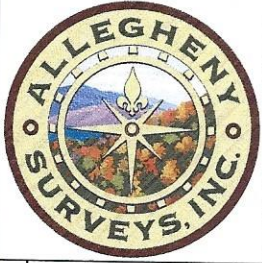
WELL TYPE: OIL GAS LIQUID INJECTION WASTE DISPOSAL
(IF GAS) PRODUCTION: STORAGE DEEP SHALLOW

LOCATION: ELEVATION: 1,251.77' WATERSHED: Fink Creek QUADRANGLE: Vadis
DISTRICT: Freemans Creek COUNTY: Lewis

SURFACE OWNER: HG Energy II Appalachia, LLC, et al ACREAGE: 131.85
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: 19,175' 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



**Well Location References
Not to Scale**



ID	Lease
3	Joseph Krenn, et ux
4	HG Energy II Appalachia, LLC
5	John Tierney
7	William E. Ruppert, et al
10	Fonce Brown & Rita Brown
14	HG Energy II Appalachia, LLC

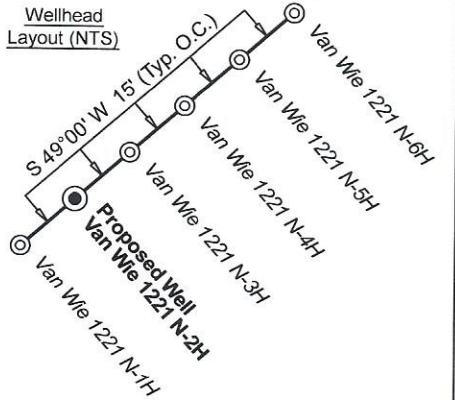
Legend

- 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.)

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 / 3.1	HG Energy II Appalachia, LLC	800 / 637	20.00
4	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
5	2D / 48	John M. Keely, et al	541 / 127	81.00
6	2C / 4	Susanne Seccurro	725 / 199	111.75
7	2C / 3	Stephen Ruppert	666 / 428	102.46
8	2C / 2	Clarence D. Brown	W4 / 572	96.50
9	2D / 2	Calvin Stout	104 / 375	3.25
Doddridge Co. (Cove Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
10	10 / 12	John & Barbara Mayer	330 / 248	30.28
11	10 / 14	Clarence D. Brown	W20 / 306	180.00

**Wellhead
Layout (NTS)**



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

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-2H WVCS 1927, North Zone
Top Hole Coordinates
Lat: 39°05'41.21"
Lon: 80°40'07.03"
Landing Point Coordinates
Lat: 39°05'44.11"
Lon: 80°40'11.93"
Bottom Hole Coordinates
Lat: 39°07'33.44"
Lon: 80°41'00.85"

Notes: Well No. Van Wie 1221 N-2H UTM NAD 1983 (USSF)
Top Hole Coordinates
N: 14,197,336.67'
E: 1,734,484.91'
Landing Point Coordinates
N: 14,197,628.28'
E: 1,734,097.58'
Bottom Hole Coordinates
N: 14,208,671.33'
E: 1,730,203.04'

Notes: Well No. Van Wie 1221 N-2H UTM NAD 1983 (Meters)
Top Hole Coordinates
N: 4,327,356.872m
E: 528,672.058m
Landing Point Coordinates
N: 4,327,445.755m
E: 528,553.999m
Bottom Hole Coordinates
N: 4,330,811.683m
E: 527,366.941m

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Submeter
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DISTRICT: Freemans Creek
SURFACE OWNER: HG Energy II Appalachia, LLC, et al
ROYALTY OWNER: Joseph Krenn, et al

QUADRANGLE: Vadis
COUNTY: Boone
ACREAGE: 131.85

PROPOSED WORK: DRILL CONVERT DRILL DEEPER FRACTURE OR STIMULATE PLUG OFF OLD FORMATION
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