

8,007' to Bottom Hole

554' to Top Hole

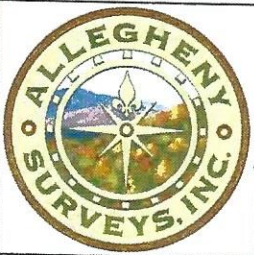
TOP LATITUDE 39 - 07 - 30
BTM LATITUDE 39 - 10 - 00

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

11,002' to Top Hole

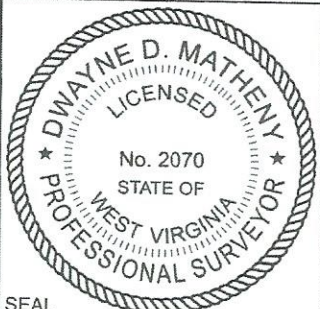
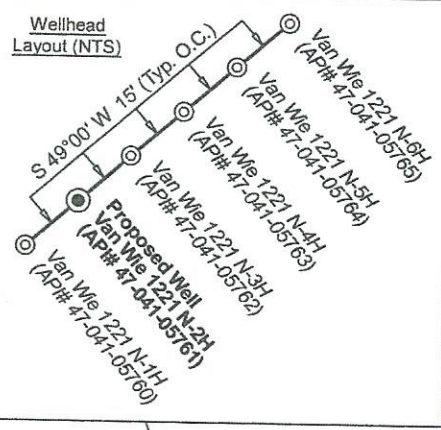
5,606' to Bottom Hole

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



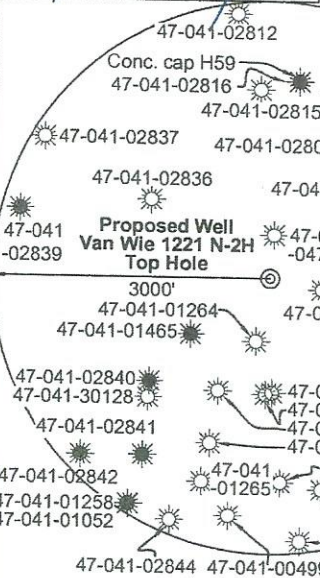
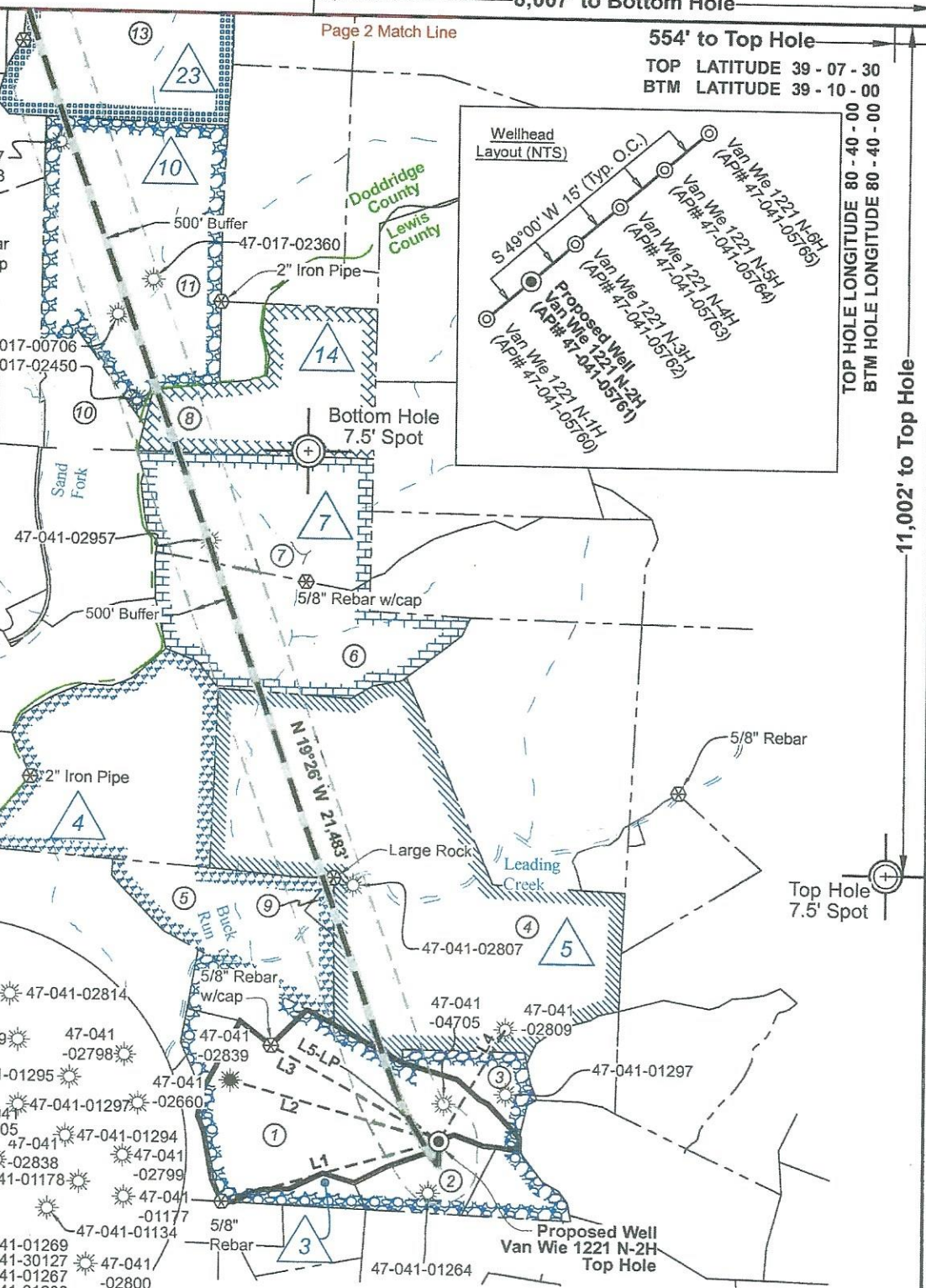
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Page 2 Match Line



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, 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: October 14 20 24
OPERATOR'S WELL NO. Van Wie 1221 N-2H
API WELL NO
47 - 041 - 05761
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) BHL - MOD
 PLUG AND ABANDON CLEAN OUT AND REPLUG
TARGET FORMATION: Marcellus Shale ESTIMATED DEPTH: 7,035' TVD 28,941' 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

12/06/2024

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

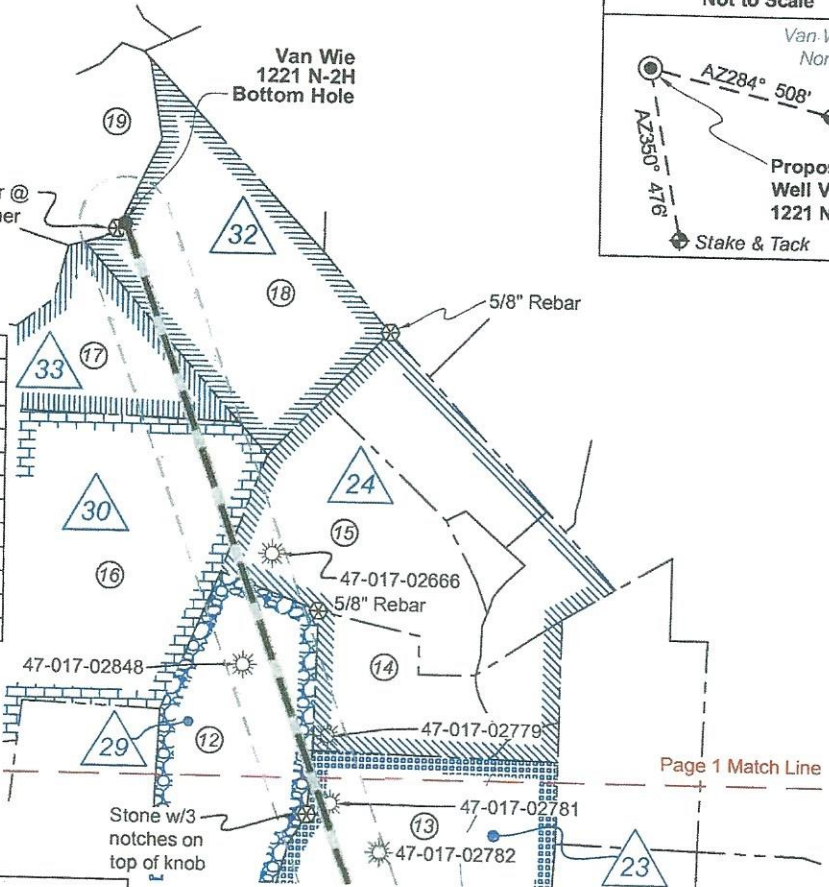


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Well Location References
Not to Scale



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
23	HG Energy II Appalachia, LLC
24	Stella Severin, et al
29	William Smith Wysong, Jr., et al
30	E. Cole, et al
32	George J. Determan, et ux
33	W.H. Shulte



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

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.)

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°09'04.58"
Lon: 80°41'41.67"

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 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: 14,217,877.22'
E: 1,726,956.40'

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: 4,333,617.644m
E: 526,377.363m

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
12	10 / 5	Edith G. Wilson Trust	255 / 247	159.30
13	6 / 11	Joseph D. & Darlene K. Church	244 / 451	107.60
14	6 / 10.1	Leah Kelly	488 / 492	52.83
15	6 / 10.3	Brandon W. Gilbert	211 / 126	104.90
16	6 / 9	Marcella Yeater	328 / 667	193.00
17	6 / 3	Mary A. Ruddy & Teigh R. Byrne	221 / 500	101.08
18	6 / 4	Mary A. Ruddy & Teigh R. Byrne	226 / 360	140.00
Doddridge Co. (New Milton Dist.)				
No.	TM / Par	Owner	Bk / Pg	Ac.
19	19 / 12	Sandra E. Erwin	W80 / 32	79.30

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