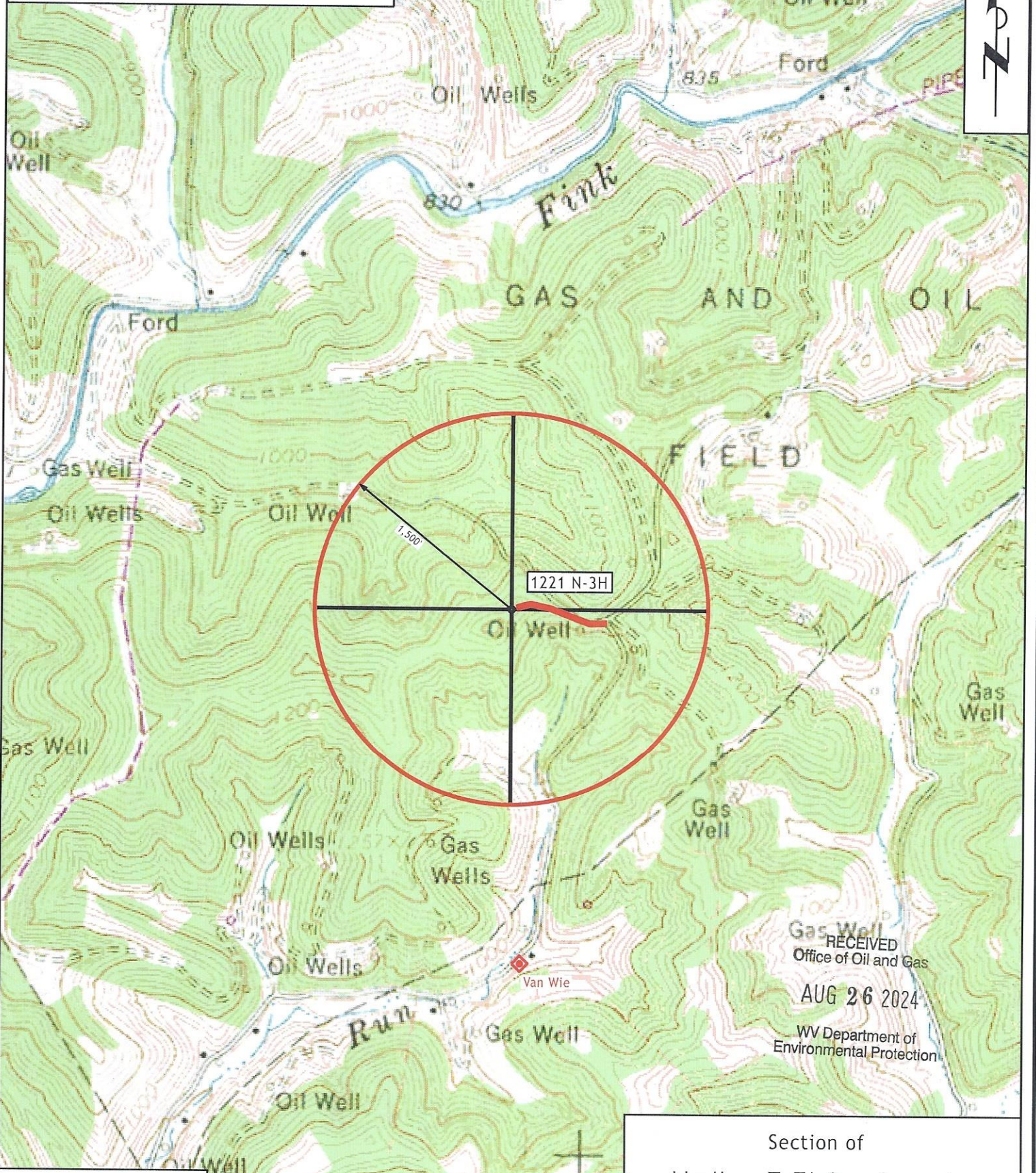


4704105762

SUBJECT WELL  
Van Wie 1221 N-3H



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

3,852' to Bottom Hole

542' to Top Hole

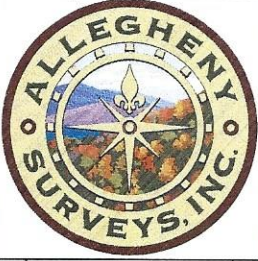
TOP LATITUDE 39 - 07 - 30  
BTM LATITUDE 39 - 10 - 00

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

10,992' to Top Hole

14,486' to Bottom Hole

HG Energy II Appalachia, LLC  
Well No. Van Wie 1221 N-3H



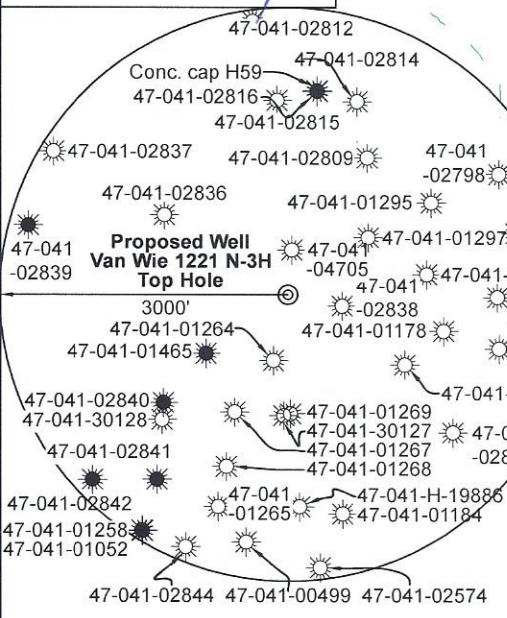
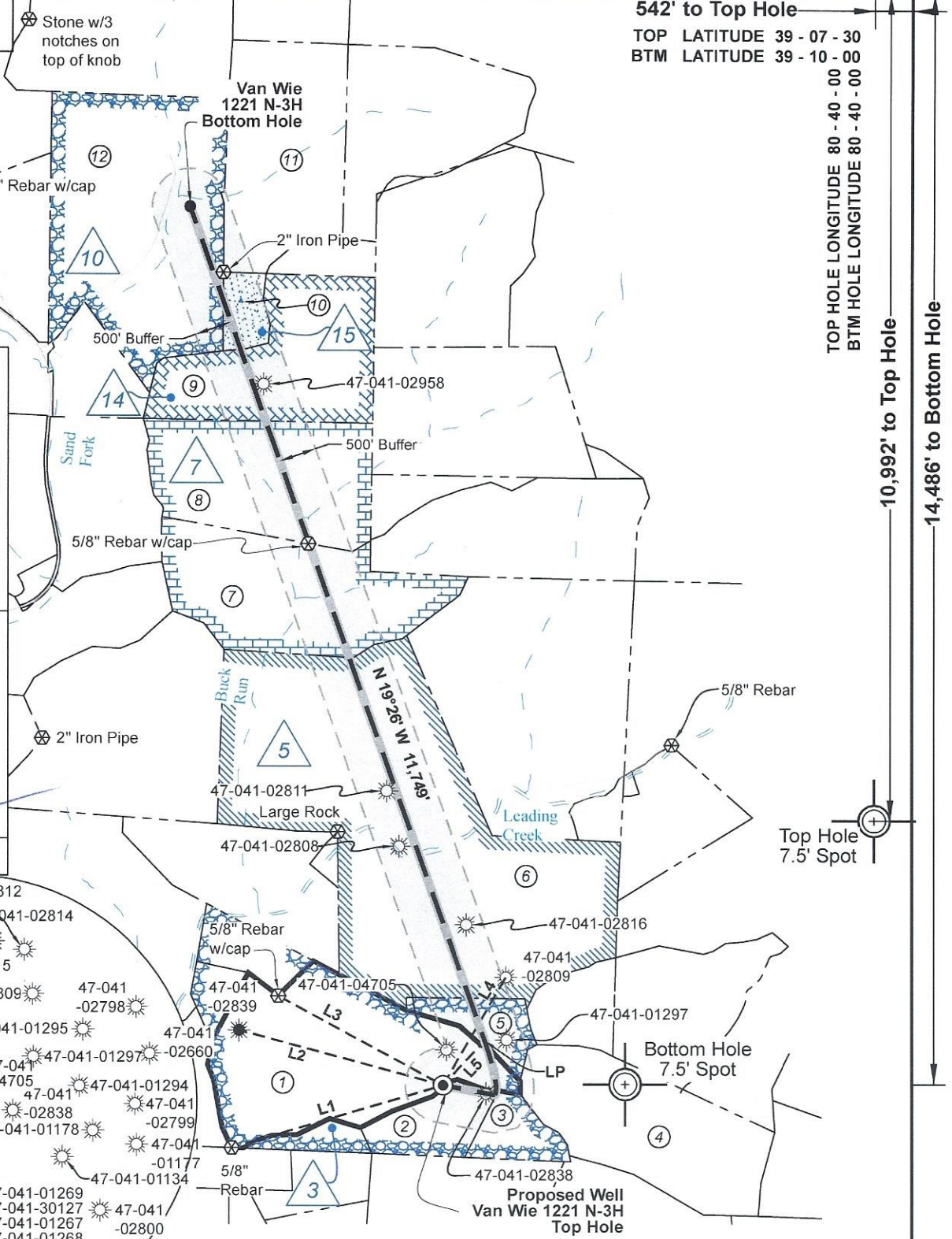
Page 1 of 2



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



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°26' E	2,920.3'	5/8" Iron rebar
L2	S 74°47' E	2,796.3'	47-041-02839
L3	S 61°27' E	2,478.5'	5/8" Iron rebar
L4	S 30°06' W	1,660.1'	47-041-02809
L5	N 43°03' E	809.4'	Landing Point

FILE NO: 170-12-30-FC-22  
DRAWING NO: Van Wie 1221 N-3H Well Plat  
SCALE: 1" = 2000'  
MINIMUM DEGREE OF ACCURACY: Submeter  
PROVEN SOURCE OF ELEVATION: CORS, Bridgeport, WV

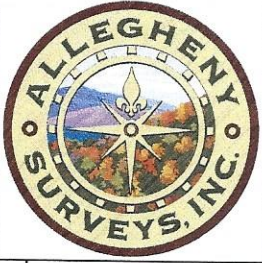
STATE OF WEST VIRGINIA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
OIL AND GAS DIVISION

DATE: July 8 20 24  
OPERATOR'S WELL NO. Van Wie 1221 N-3H  
API WELL NO  
47 - 041 - 05762  
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: Putnam  
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: 19,249' 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

H6A



**Well Location References  
Not to Scale**



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

**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.)

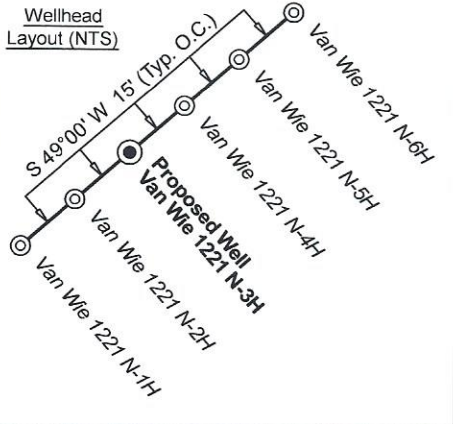
**Lewis Co. (Freemans Creek Dist.)**

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 / 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	2C / 7	James R. & Shelia A. Gum, II	721 / 350	350.78
7	2C / 4	Susanne Seccurro	725 / 199	111.75
8	2C / 3	Stephen Ruppert	666 / 428	102.46
9	2C / 2	Clarence D. Brown	W4 / 572	96.50

**Doddridge Co. (Cove Dist.)**

No.	TM / Par	Owner	Bk / Pg	Ac.
10	10 / 13	Clarence D. Brown	W20 / 306	12.50
11	10 / 15.1	Scott Flanagan, et al	239 / 591	101.56
12	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-3H WVCS 1927, North Zone**  
Top Hole Coordinates  
Lat: 39°05'41.31"  
Lon: 80°40'06.88"  
Landing Point Coordinates  
Lat: 39°05'47.14"  
Lon: 80°39'59.84"  
Bottom Hole Coordinates  
Lat: 39°07'36.77"  
Lon: 80°40'48.90"

**Notes: Well No. Van Wie 1221 N-3H UTM NAD 1983 (USSF)**  
Top Hole Coordinates  
N: 14,197,346.51'  
E: 1,734,496.23'  
Landing Point Coordinates  
N: 14,197,937.95'  
E: 1,735,048.73'  
Bottom Hole Coordinates  
N: 14,209,011.21'  
E: 1,731,143.53'

**Notes: Well No. Van Wie 1221 N-3H UTM NAD 1983 (Meters)**  
Top Hole Coordinates  
N: 4,327,359.871m  
E: 528,675.508m  
Landing Point Coordinates  
N: 4,327,540.142m  
E: 528,843.911m  
Bottom Hole Coordinates  
N: 4,330,915.279m  
E: 527,653.603m

FILE NO: 170-12-30-FC-22  
DRAWING NO: Van Wie 1221 N-3H 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-3H  
API WELL NO  
47 — 041 — 05762  
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: 7,035' TVD 19,249' 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