

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4411117.053
 E: 519302.861
NAD27, WV NORTH
 N: 494161.737
 E: 1642158.830
LAT/LON DATUM-NAD83
 LAT: 39.849854
 LON: -80.774358

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4411170.917
 E: 519095.361
NAD27, WV NORTH
 N: 494349.881
 E: 1641480.883
LAT/LON DATUM-NAD83
 LAT: 39.850344
 LON: -80.776782

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4412623.525
 E: 518041.681
NAD27, WV NORTH
 N: 499174.463
 E: 1638102.887
LAT/LON DATUM-NAD83
 LAT: 39.863455
 LON: -80.789059

**WATER WELLS:
 NONE FOUND**

NOTES:

- There are no water wells or developed springs within 250' of proposed well.
- There are no existing buildings within 625' of proposed well.
- Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
- There are no native trout streams within 300' of proposed well.
- Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
- It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted hereon. The location of the boundary lines, as shown, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

Waterford Corporate Park III, Suite 101
 2020 Corporate Drive
 Riverton, PA 15143
 P: 724-444-1100
 F: 724-444-1104
 www.pve-fc.com



Civil Engineering | Land Development | Structure Design
 Land Planning | Landscape Architecture | Environmental

LINE	BEARING	DISTANCE
R1	S63°58'32"E	136.97'
R2	N54°24'55"E	243.84'
R3	N60°54'40"W	223.61'
R4	S68°47'13"E	2197.31'
R5	N17°04'44"W	791.20'

LEGEND	
	PROPOSED WELL
	WATER SOURCE
	LEASED NUMBER
	ALL ARE POINTS UNLESS OTHERWISE NOTED
	MINERAL TRACT BOUNDARY
	PARCEL LINES
	PROPOSED HORIZONTAL WELL
	WELL REFERENCE
	STREAM/WATERWAY
	ROAD
	EXISTING GAS WELL



01/18/2019

FILE #: MND 01 LHS
 DRAWING #: MND 01 LHS
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE: U.S.G.S. MONUMENT
 OF ELEVATION: H 138: 638.58'

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 REGULATIONS ISSUED AND PRESCRIBED BY THE DEPARTMENT OF ENVIRONMENTAL PROTECTION.

SIGNED: [Signature]
 R.P.E.: 18766 L.L.S.: P.S. NO. _____



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304

WELL TYPE: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: SHORT CREEK-OHIO RIVER
 COUNTY/DISTRICT: MARSHALL / CLAY
 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL.



DATE: SEPTEMBER 10, 2018
 OPERATOR'S WELL #: MND 01 LHS
 API WELL # 47 051 019330
 STATE COUNTY PERMIT

ELEVATION: 1150.00'
 QUADRANGLE: POWATAN POINT, W. VA./OHIO
 ACREAGE: 126.99

DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

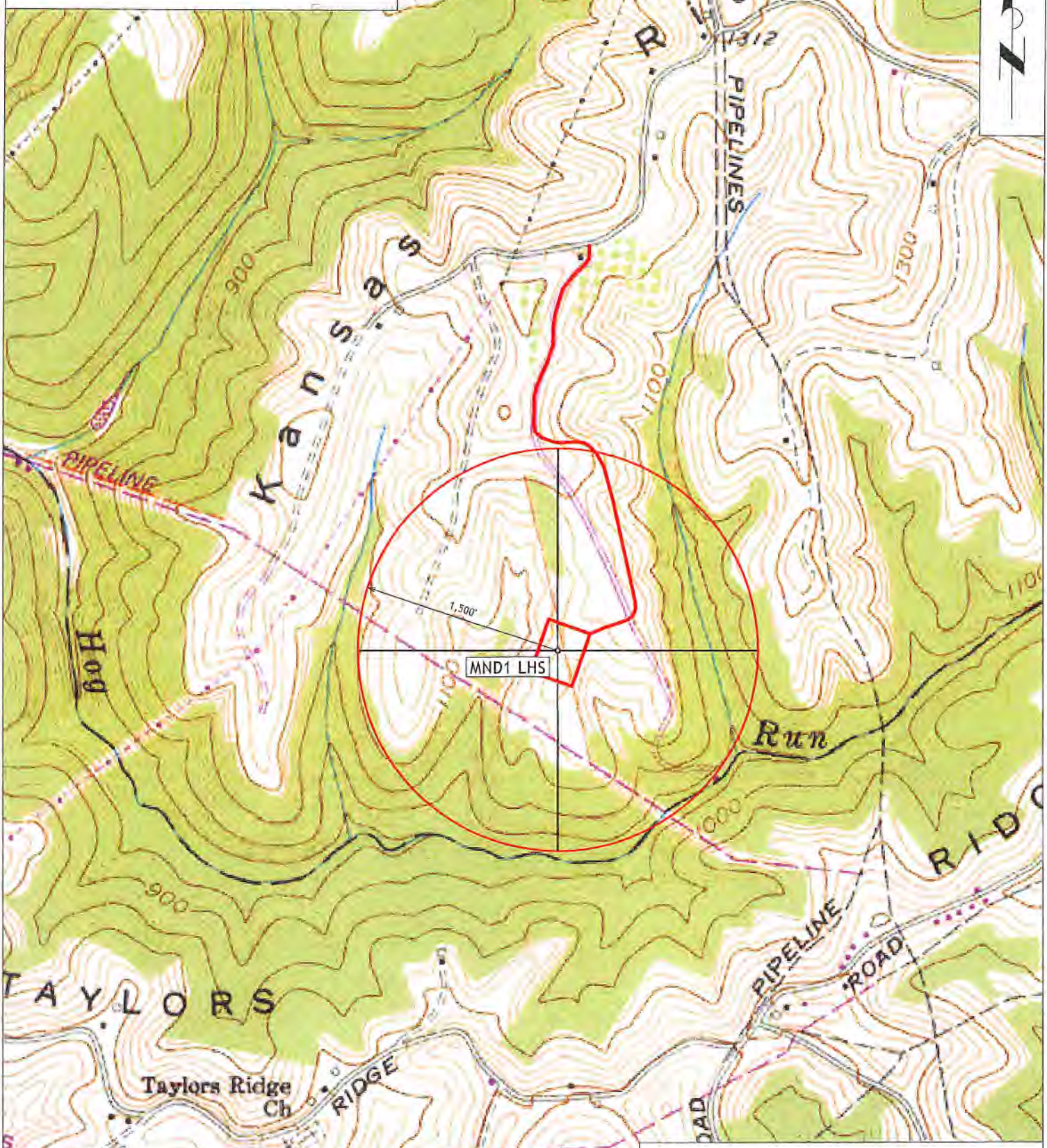
TARGET FORMATION: MARCELLUS
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC
 Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101

ESTIMATED DEPTH: TVD: 6,175'± TMD: 12,513'±
 DESIGNATED AGENT: DIANE C. WHITE
 Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 59414

SUBJECT WELL
MND1 LHS

DATE: OCT 11 2018
SCALE: 1"=1000'

47 05 01 83 01/18/2019



MND1 LHS

1,500'

No Water Supply Wells Are Located Within 1500' Of Proposed Well

Section of
Powhatan Point 7.5' Quadrangle
SCALE 1"=1000'