

**SURFACE HOLE LOCATION (SHL)**

UTM 17 - NAD83  
 N: 4411127.625  
 E: 519314.041  
 NAD27, WV NORTH  
 N: 494195.815  
 E: 1642196.096  
 LAT/LON DATUM-NAD83  
 LAT: 39.849949  
 LON: -80.774227

**APPROX. LANDING POINT**

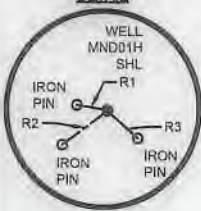
UTM 17 - NAD83  
 N: 4411751.371  
 E: 520086.432  
 NAD27, WV NORTH  
 N: 496200.235  
 E: 1644764.813  
 LAT/LON DATUM-NAD83  
 LAT: 39.855551  
 LON: -80.765179

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83  
 N: 4413991.905  
 E: 518461.065  
 NAD27, WV NORTH  
 N: 503641.786  
 E: 1639554.040  
 LAT/LON DATUM-NAD83  
 LAT: 39.875775  
 LON: -80.784117

**WATER WELLS:  
 NONE FOUND**

**REFERENCE  
 DETAIL**



LINE	BEARING	DISTANCE
R1	S80°45'24"E	162.43'
R2	N53°14'25"E	294.04'
R3	N47°55'11"W	213.07'
R4	S70°20'25"E	2220.41'
R5	N13°16'41"W	826.45'

**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

Wellmont Corporate Park II, Suite 101  
 2000 Georgetown Drive  
 Snowsilly, PA 15143

P: 724-444-1100  
 F: 724-440-7738  
 www.pve.com



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



01/18/2019

FILE #: MND 01 HHS  
 DRAWING #: MND 01 HHS  
 SCALE: 1"=2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT 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.: 21452 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 11, 2018  
 OPERATOR'S WELL #: MND 01 HHS  
 API WELL # 47 051 02126D  
 STATE COUNTY PERMIT

ELEVATION: 1150.00'  
 QUADRANGLE: POWHATAN 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: 17,031' ±  
 DESIGNATED AGENT: DIANE C. WHITE  
 Address: 5260 DUPONT ROAD  
 City PARKERSBURG State WV Zip Code 26101

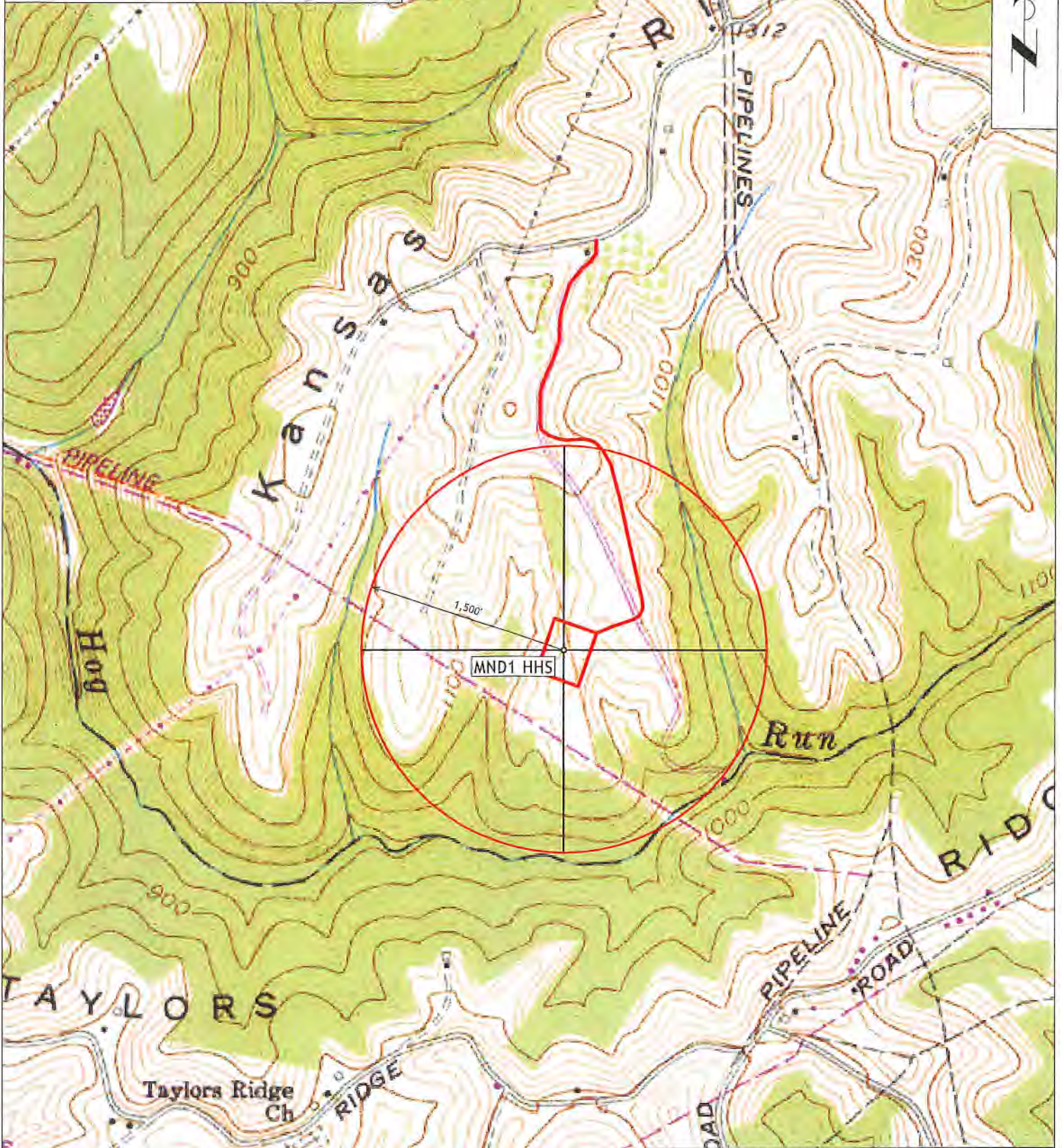
*9/20/18*

SHEET: 1 OF 3

SUBJECT WELL  
MND1 HHS

Office of Capital  
OCT 01 2018  
WMD 1200

01/18/2019



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

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