

Waterford Deposits Park II Data 101
 2024 Geoposts Data
 Sewickley, PA 15143

P: 724-444-1100
 F: 724-444-3194
 www.pve.com

PVE
 ENGINEERING

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

FILE #: MND 20 BU

DRAWING #: MND 20 BU

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 136: 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 ELEVATION: 1,058'

COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWHATAN POINT, W. VA./OHIO

SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 70.55

OIL & GAS ROYALTY OWNER: CNX GAS COMPANY ACREAGE: 70.55

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: POINT PLEASANT ESTIMATED DEPTH: TVD: 10,700' ± TMD: 25,434±

WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE

Address: 5280 DUPONT ROAD Address: 5280 DUPONT ROAD

City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101

DATE: AUGUST 19, 2015 - REV: MAY 4, 2018

OPERATOR'S WELL #: MND 20 BU

API WELL # 47 051 02012

STATE COUNTY PERMIT
H6A

PAGE: 1 OF 4

Bottom Hole is located on topo map 5,741 feet south of Latitude: 39° 50' 00"

Well is located on topo map 8,517 feet south of Latitude: 39° 52' 30"

NOTES:

1. There are no water wells or developed springs within 250' of proposed well
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. 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.

Bottom Hole is located on topo map 8,590 feet west of Longitude: 80° 45' 00"
 Well is located on topo map 3,278 feet west of Longitude: 80° 47' 30"

SURFACE HOLE LOCATION (SHL)

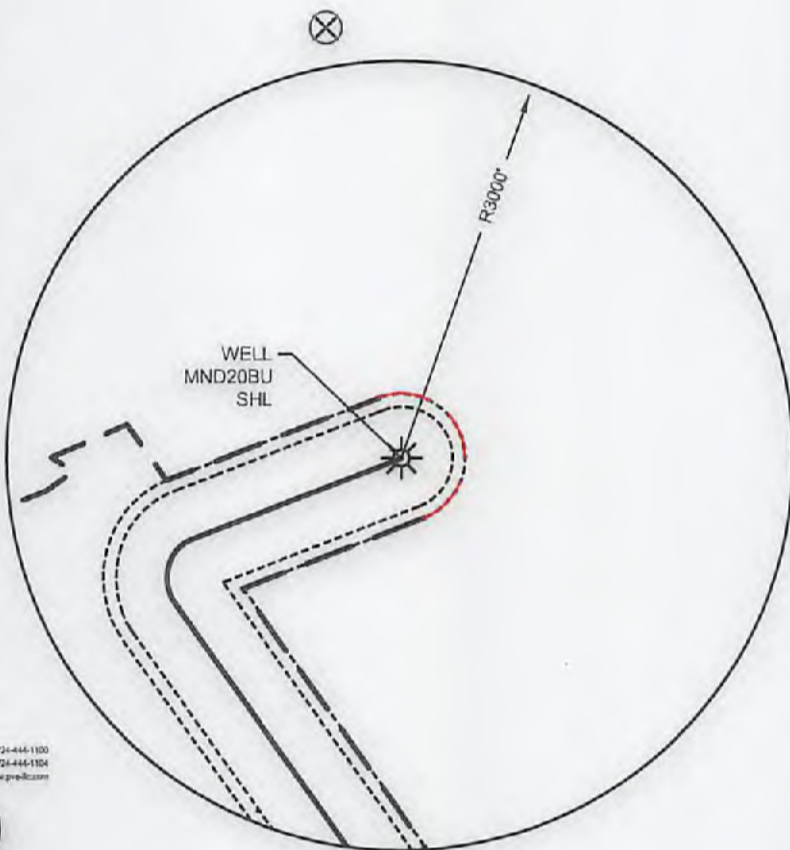
UTM 17 - NAD83
 N: 4411315.562
 E: 516839.101
 NAD27, WV NORTH
 N: 494948.390
 E: 1634085.046
 LAT/LON DATUM-NAD83
 LAT: 39.851695
 LON: -80.803153

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4410965.787
 E: 516302.969
 NAD27, WV NORTH
 N: 493830.034
 E: 1632306.603
 LAT/LON DATUM-NAD83
 LAT: 39.848554
 LON: -80.809429

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4407541.537
 E: 518795.535
 NAD27, WV NORTH
 N: 482456.541
 E: 1640298.201
 LAT/LON DATUM-NAD83
 LAT: 39.817650
 LON: -80.780391



DETAIL:
 SCALE: 1"=1,500'

Waterford Corporate Park II, Suite 101
 2000 Georgetown Drive
 Sawtooth, PA 15143



P: 724-444-1100
 F: 724-444-1104
 www.pve-llc.com

LEGEND

TOPO MAP POINT

TOPO MAP BOTTOM HOLE

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