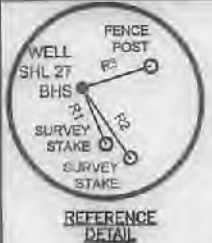


Well is located on topo map 15,166 feet south of Latitude: 40° 00' 00"

Well is located on topo map 661 feet west of Longitude: 80° 35' 00"



SURFACE HOLE LOCATION (SHL)

PVD CENTER EL. = 1153.60
 UTM 17 - NAD83
 N: 4423218.098
 E: 535386.475
NAD27, WV NORTH
 N: 532968.152
 E: 1695599.024
LAT/LON DATUM=NAD83
 LAT: 39.958363
 LON: -80.585695

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4423196.848
 E: 535302.578
NAD27, WV NORTH
 N: 532923.029
 E: 1695322.552
LAT/LON DATUM=NAD83
 LAT: 39.958175
 LON: -80.586678

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4420544.763
 E: 536318.401
NAD27, WV NORTH
 N: 524164.343
 E: 1689510.451
LAT/LON DATUM=NAD83
 LAT: 39.834238
 LON: -80.574933

LINE TABLE

LINE	BEARING	DISTANCE
R1	N22°48'24"W	315.09'
R2	N34°30'32"W	440.86'
R3	S72°57'14"W	376.30'
R4	N17°45'07"W	1016.74'
R5	S72°57'14"W	376.30'

LEGEND

- SURFACE HOLE LOCATION
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMA#1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD

WELLS WITHIN 3000'

- EXISTING GAS WELL
- RECORD GAS WELL

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 plan 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.

Weston Consulting Park 6, Box 101
 2003 Chesapeake Drive
 Glenwood, WV 26030

P: 724-44-1100
 F: 724-44-1104
 www.weston.com

Civil Engineering | Coal Development | Structure Design
 Light Planning | Landscape Architecture | Environmental

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:

R.P.E.: 18766 L.L.S.: P.S. NO.



FILE #: SHL 27 BHS

DRAWING #: SHL 27 BHS

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE USGS MONUMENT OF ELEVATION: U 124: 961.18'

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

DATE: OCTOBER 16, 2014 - REV. JULY 20, 2017

OPERATOR'S WELL #: SHL 27 BHS

API WELL # 47 051 **01985**

STATE COUNTY PERMIT

WV MARSHALL 166A

Well Type: Oil Waste Disposal Production Deep Gas Liquid Injection Storage Shallow

WATERSHED: WHEELING CREEK ELEVATION: 1,153.60'

COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MAJORSVILLE, W. VA

SURFACE OWNER: STEVE WARD AND ED WARD ACREAGE: 122.47

OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC ACREAGE: 122.47

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 ESTIMATED DEPTH: TVD: 6,203' ± TMD: 16,084' ±

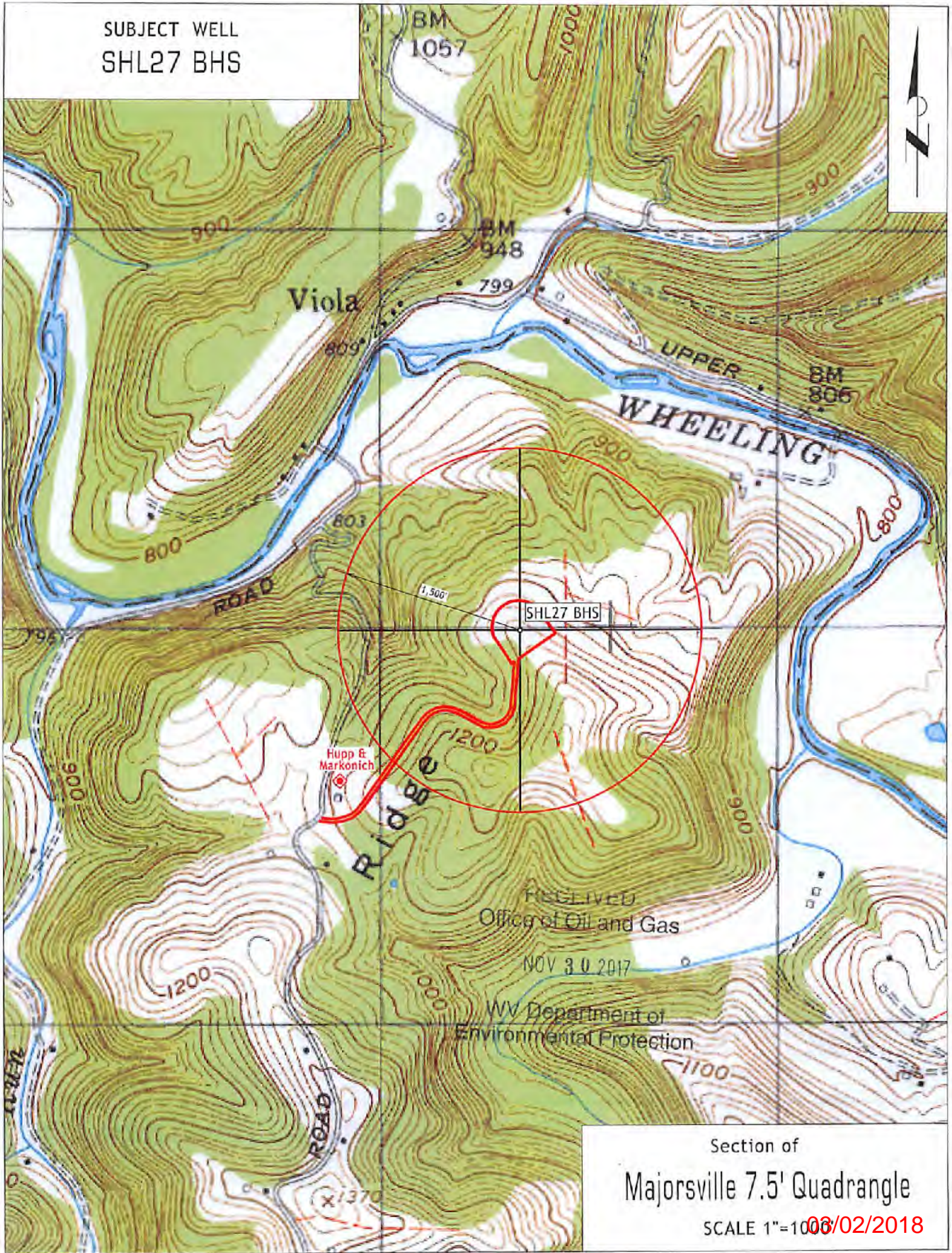
WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE C. WHITE

Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD

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

03/02/2018

SUBJECT WELL
SHL27 BHS



Viola

WHEELING

RIDGE

UPPER

SHL27 BHS

Hupp & Markonich

RECEIVED
Office of Oil and Gas

NOV 30 2017

WV Department of
Environmental Protection

Section of
Majorsville 7.5' Quadrangle

SCALE 1"=1000' 08/02/2018