

Well is located on topo map 15,154 feet south of Latitude: 40° 00' 00"

Well is located on topo map 646 feet west of Longitude: 80° 35' 00"



WATER WELLS: NONE FOUND



**SURFACE HOLE LOCATION (SHL)**  
 PAD CENTER EL. = 1153.60  
 UTM 17 - NAD83  
 N: 4423221.758  
 E: 535391.346  
 NAD27, WV NORTH  
 N: 532999.896  
 E: 1695615.211  
 LAT/LON DATUM-NAD83  
 LAT: 39.958396  
 LON: -80.585638

**APPROX. LANDING POINT**  
 UTM 17 - NAD83  
 N: 4423270.794  
 E: 535470.028  
 NAD27, WV NORTH  
 N: 533156.487  
 E: 1695876.086  
 LAT/LON DATUM-NAD83  
 LAT: 39.958834  
 LON: -80.584714

**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83  
 N: 4420647.580  
 E: 536474.796  
 NAD27, WV NORTH  
 N: 524493.146  
 E: 1698029.283  
 LAT/LON DATUM-NAD83  
 LAT: 39.935157  
 LON: -80.573097

**LINE TABLE**

LINE	BEARING	DISTANCE
R1	N16°14'18"W	320.27'
R2	N01°54'52"W	441.82'
R3	S73°59'38"W	357.44'
R4	N15°41'16"W	1023.18'
R5	S73°58'36"W	357.44'

**LEGEND**

- TOPO MAP POINT
- 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:**
- 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 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.

Wellhead Company, Inc., Suite 101  
 2800 Georgetown Drive  
 Greentree, PA 15113

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

FILE #: SHL 27 CHS  
 DRAWING #: SHL 27 CHS  
 SCALE: 1"=2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500'  
 PROVEN SOURCE: USGS MONUMENT U 124: 951.15'

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: WHEELING CREEK  
 COUNTY/DISTRICT: MARSHALL / WEBSTER  
 SURFACE OWNER: STEVE WARD AND ED WARD  
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC



DATE: OCTOBER 16, 2014 - REV. JULY 20, 2017  
 OPERATOR'S WELL #: SHL 27 CHS  
 API WELL # 47 051 01986 H6A  
 STATE COUNTY PERMIT

ELEVATION: 1,153.60'  
 QUADRANGLE: MAJORSVILLE, W. VA  
 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  
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC  
 Address: 5280 DUPONT ROAD  
 City: PARKERSBURG State: WV Zip Code: 26101

ESTIMATED DEPTH: TVD: 6,203' ± TMD: 15,956' ±  
 DESIGNATED AGENT: DIANE C. WHITE  
 Address: 5260 DUPONT ROAD  
 City: PARKERSBURG State: WV Zip Code: 26101

03/02/2018

Bottom hole is located on topo map 8443 feet south of Latitude: 39° 57' 30"

Bottom hole is located on topo map 8806 feet west of Longitude: 80° 37' 30"



REFERENCE  
DETAIL

WATER WELLS:  
NONE FOUND

112	WHEELING CREEK WATERSHED COMM	TAX MAP NO. 15-0008-0005-0002-0000
119	KUTIS JOHN S & SYLVIA M	TAX MAP NO. 15-0008-0020-0000-0000
125	TOLAND GARRIE M & DONALD R.	TAX MAP NO. 15-0003-0010-0000-0000
135	PACZEWSKI BETTY SUE & ALBERT J.	TAX MAP NO. 15-0006-0027-0000-0000
136	STROPE GARY W ET UX ET AL.	TAX MAP NO. 15-0006-0005-0000-0000
137	KUTIS JOHN S & SYLVIA M	TAX MAP NO. 15-0008-0024-0000-0000
138	BUSH KENNETH ROGER & JERI LYNN	TAX MAP NO. 15-0006-0035-0000-0000
139	BERNIER CHRISTINE A.	TAX MAP NO. 15-0006-0034-0000-0000
140	BUSH KENNETH ROGER & JERI LYNN	TAX MAP NO. 15-0006-0039-0000-0000
141	BUSH KENNETH ROGER & JERI LYNN	TAX MAP NO. 15-0006-0031-0000-0000
142	BUSH KENNETH ROGER & JERI LYNN	TAX MAP NO. 15-0006-0030-0000-0000
215	WHEELING CREEK WATERSHED COMM	TAX MAP NO. 12-0016-0020-0000-0000



NOTES

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Wellhead Company, P.O. Box 108  
2000 Chesapeake Drive  
Buckley, WV 25141

P. 724-4441/100  
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www.wvllc.com



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

LINE TABLE		
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- BOTTOM HOLE LOCATION

**WELLS WITHIN 3000'**

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 API WELL # 47 051 01986  
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 Gas  Liquid Injection  Storage  Shallow

SHEET: 2 OF 2

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