

As Drilled well is located on topo map 8 feet south of Latitude: 39° 57' 30"

Proposed well is located on topo map 648

feet west of Longitude: 80° 35' 00"

- 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.

AS DRILLED BOTTOM HOLE LOCATION

HOMAS RICHARD LEE BARTON TAX MAP NO. 12-0011-0016-0000-0000

JUNKINS RONALD D JR ET AL TAX MAP NO. 12-0011-0015-0000-0000

CONSOL LAND DEVELOPMENT CO PROPERTY TAX MAP NO. 12-0016-0018-0000-0000

KING CHRISTOPHER I ET UX TAX MAP NO. 12-0016-0004-0000-0000

SWARTZEL MOSES D & LILA K TAX MAP NO. 12-0016-0002-0000-0000

GIBSON COLLEEN A TAX MAP NO. 12-0016-0005-0000-0000

HUPP SHARON & MARKONICH RICHARD TAX MAP NO. 15-0003-0003-0000-0000

WARD STEVE AND ED TAX MAP NO. P/O 15-0003-0005-0000-0000

WARD STEVE AND ED TAX MAP NO. P/O 15-0003-0005-0000-0000

FOUND STONE MON W/ "X"

WINEMAN LONNIE J & KATHIE B TAX MAP NO. 15-0003-0009-0000-0000

OHIO VALLEY HEART INSTITUTE TAX MAP NO. 15-0003-0020-0000-0000

**LEGEND**

- AS DRILLED SURFACE HOLE LOCATION ON 7.5' TOPOGRAPHIC MAP
- AS DRILLED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMS#1 ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- AS DRILLED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/ WATERWAY
- ROAD

**WELLS WITHIN 3000'**

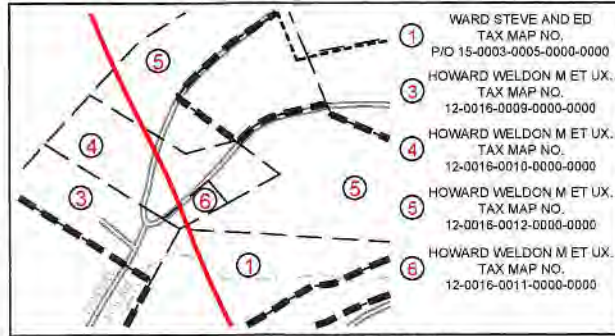
- EXISTING GAS WELL
- RECORD GAS WELL



WATER WELLS: NONE FOUND

LINE TABLE

LINE	BEARING	DISTANCE
R1	N33°59'39"W	295.70'
R2	N42°42'38"W	432.52'
R3	S68°53'00"W	432.42'
R4	N17°08'23"W	994.92'
R5	S02°38'31"W	1079.78'



Waterfront Corporate Park, Suite 101  
2000 Georgetown Drive  
Sewley, PA 15143

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F: 724-446-1104  
www.pve-llc.com

**PVE**

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

**AS DRILLED SURFACE HOLE LOCATION (SHL)**

UTM 17 - NAD83(m)  
N: 4423212.482  
E: 535390.671  
NAD27(ft), WV NORTH  
N: 532969.490  
E: 1695612.485  
LAT/LON DATUM-NAD83  
LAT: 39.958312  
LON: -80.585646

**LANDING POINT LOCATION**

UTM 17 - NAD83(m)  
N: 4423087.719  
E: 535418.495  
NAD27(ft), WV NORTH  
N: 532558.546  
E: 1695696.945  
LAT/LON DATUM-NAD83  
LAT: 39.957187  
LON: -80.585327

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83(m)  
N: 4425155.603  
E: 534533.363  
NAD27(ft), WV NORTH  
N: 539393.002  
E: 1692905.875  
LAT/LON DATUM-NAD83  
LAT: 39.975854  
LON: -80.595580

RECEIVED  
Office of Oil and Gas  
JAN 24 2019  
Department of Environmental Protection

FILE #: SHL 27 LHS

DRAWING #: SHL 27 LHS

SCALE: 1"=2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: USGS MONUMENT U 124: 951.16'

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. \_\_\_\_\_

JAMES MICHAEL VENTURE  
REGISTERED  
18786  
STATE OF WEST VIRGINIA  
PROFESSIONAL ENGINEER

(+) 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 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 AS DRILLED DEPTH: TVD: 6.447' TMD: 14,271'

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

DATE: JANUARY 18, 2018

OPERATOR'S WELL #: SHL 27 LHS

API WELL # 47 051 01959  
STATE COUNTY PERMIT

SHEET: 1 OF 2



Bottom hole is located on topo map 8,796 feet south of Latitude: 40° 00' 00"

Bottom hole is located on topo map 3,432 feet west of Longitude: 80° 35' 00"

03/29/2019

AS DRILLED

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**LEGEND**

 BOTTOM HOLE LOCATION



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200	HICKEY GLENN M	TAX MAP NO. 15-0001-0006-0001-0000
201	HICKEY GLENN M	TAX MAP NO. 12-0010-0008-0000-0000
202	TOLAND DOROTHY J WINNER SANDRA J	TAX MAP NO. 12-0011-0003-0000-0000
203	MILLER DOROTHY T ET AL	TAX MAP NO. 12-0011-0004-0000-0000
204	GRAY DONALD G & DAVID G	TAX MAP NO. 12-0011-0008-0000-0000
205	HILLBERRY PAUL E JR	TAX MAP NO. 12-0011-0009-0003-0000
207	TERRY JOHN G II	TAX MAP NO. 12-0016-0007-0000-0000
208	HOWARD WELDON M ET UX	TAX MAP NO. 12-0016-0008-0000-0000
209	WARD STEVE AND ED	TAX MAP NO. 15-0003-0005-0000-0000
210	HOWARD WELDON M ET UX	TAX MAP NO. 12-0016-0009-0000-0000
211	HOWARD WELDON M ET UX	TAX MAP NO. 12-0016-0010-0000-0000
212	HOWARD WELDON M ET UX	TAX MAP NO. 12-0016-0012-0000-0000
213	WHEELING CREEK WATERSHED COMM	TAX MAP NO. 12-0016-0020-0000-0000
214	WHEELING CREEK WATERSHED COMM	TAX MAP NO. 12-0016-0022-0000-0000
215	HOWARD JACK ET UX	TAX MAP NO. 12-0016-0019-0000-0000
216	NEWBERRY PHILLIP E	TAX MAP NO. 12-0016-0015-0000-0000
217	PACZEWSKI DEBRA J	TAX MAP NO. 12-0016-0012-0001-0000
218	DAVIS MORGAN	TAX MAP NO. 12-0016-0017-0000-0000
219	NORTH BONNIE J & GEORGE K GRAY	TAX MAP NO. 12-0016-0013-0000-0000
220	KELLER ROBERT LEE & MARY KAY	TAX MAP NO. 15-0003-0004-0002-0000
221	ZACCHEUS PROPERTIES LLC	TAX MAP NO. 12-0016-0006-0000-0000
222	TERRY JOHN G II	TAX MAP NO. 12-0016-0007-0000-0000
223	HOWARD WELDON M ET UX	TAX MAP NO. 12-0016-0008-0000-0000
224	KUPFER PHILLIP A	TAX MAP NO. 12-0016-0002-0003-0000

Waterford Corporate Park II, Suite 191  
 2000 Georgetown Drive  
 Sawcley, PA 15143


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



DATE: JANUARY 18, 2018  
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 API WELL # 47 051 01959  
 STATE COUNTY PERMIT

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