

BHL is located on topo map 7,055 feet south of Latitude: 39° 20' 00"  
 SHL is located on topo map 13,993 feet south of Latitude: 39° 22' 30"

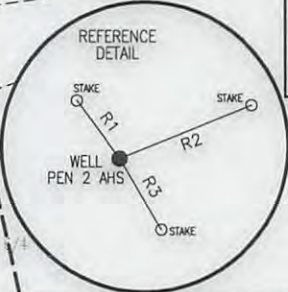
BHL is located on topo map 11,021 feet west of Longitude: 80° 57' 30"  
 SHL is located on topo map 3,594 feet west of Longitude: 81° 00' 00"

NOTES:

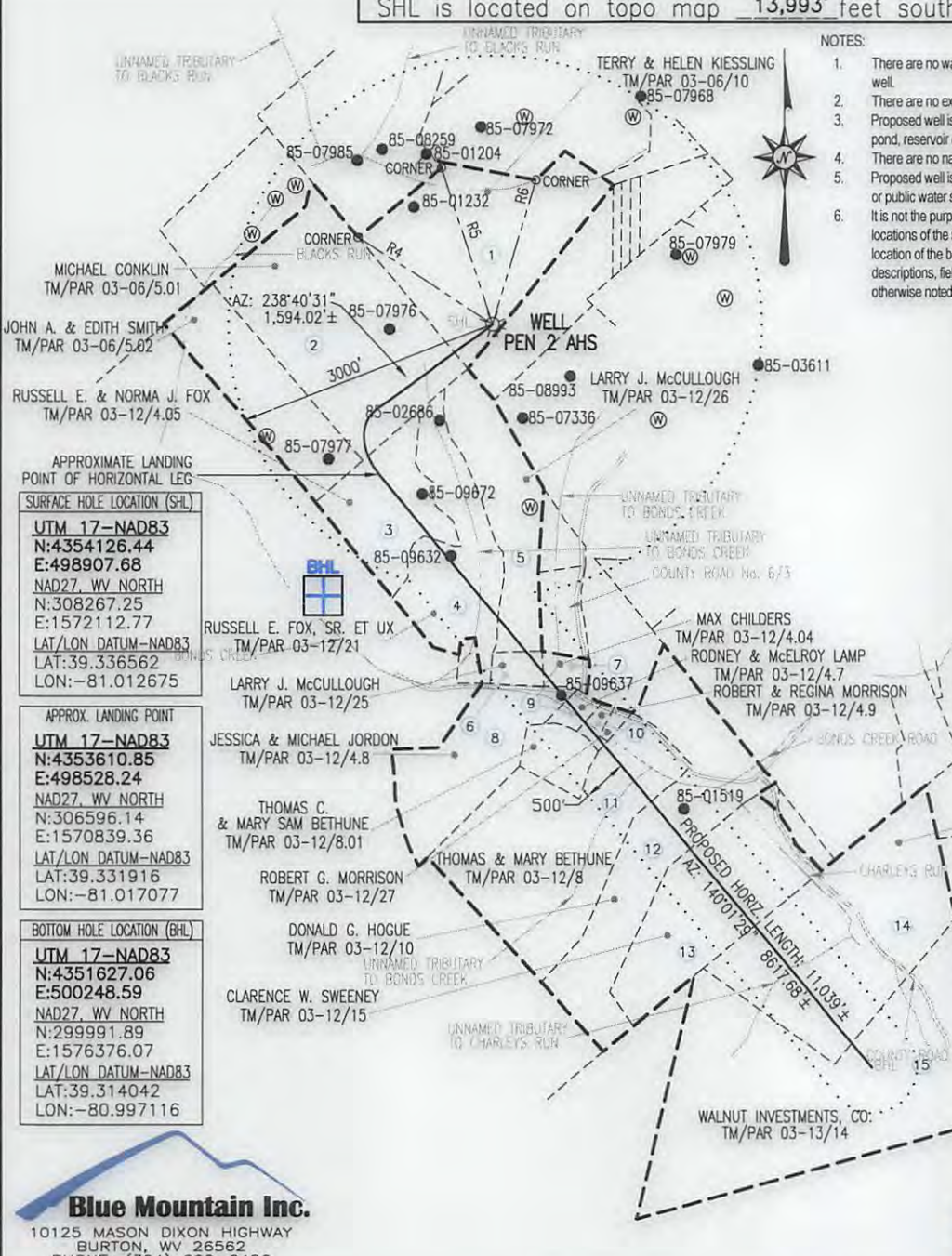
1. There are no water wells or developed springs within 250' of proposed well.
2. There are no existing buildings within 625' of proposed well.
3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
4. There are no native trout streams within 300' of proposed well.
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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LEGEND

- ⊕ - TOPO MAP POINT
- ☼ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ⊙ - WATER SOURCE
- - LEASE NUMBER BASED ON ATTACHED WW-6A1
- - - MINERAL TRACT BOUNDARY
- - - PARCEL LINES
- - - WELL REFERENCE
- - - PROPOSED HORIZONTAL WELL
- - - ROAD
- - - STREAM CENTER LINE
- - EXISTING WELLS
- - PLUGGED WELLS



LINE	BEARING	DISTANCE
R1	N 36°42'29" W	150.58'
R2	N 68°16'50" E	297.00'
R3	S 30°53'03" E	170.55'
R4	N 57°21'14" W	1797.26'
R5	N 18°18'09" W	1832.09'
R6	N 16°47'53" E	1677.36'



**SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4354126.44  
 E:498907.68  
 NAD27, WV NORTH  
 N:308267.25  
 E:1572112.77  
 LAT/LON DATUM-NAD83  
 LAT:39.336562  
 LON:-81.012675

**APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4353610.85  
 E:498528.24  
 NAD27, WV NORTH  
 N:306596.14  
 E:1570839.36  
 LAT/LON DATUM-NAD83  
 LAT:39.331916  
 LON:-81.017077

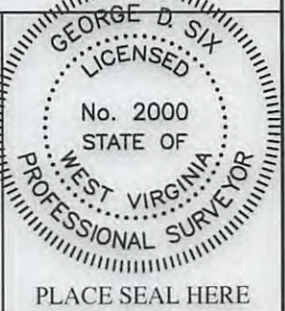
**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4351627.06  
 E:500248.59  
 NAD27, WV NORTH  
 N:299991.89  
 E:1576376.07  
 LAT/LON DATUM-NAD83  
 LAT:39.314042  
 LON:-80.997116

**Blue Mountain Inc.**  
 10125 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

FILE #: PEN 2 AHS  
 DRAWING #: PEN 2 AHS  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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.: \_\_\_\_\_ L.L.S.: P.S. No. 2000



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



DATE: DECEMBER 19, 2016  
 OPERATOR'S WELL #: PEN 2 AHS  
 API WELL #: 47 85 10067 F  
 STATE COUNTY PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1081.91± 1075.4'

COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: ELLENBORO, WV 7.5'

SURFACE OWNER: TERRY & HELEN KIESSLING ACREAGE: 79.242±

OIL & GAS ROYALTY OWNER: TERRY KIESSLING ET AL ACREAGE: 868.804±

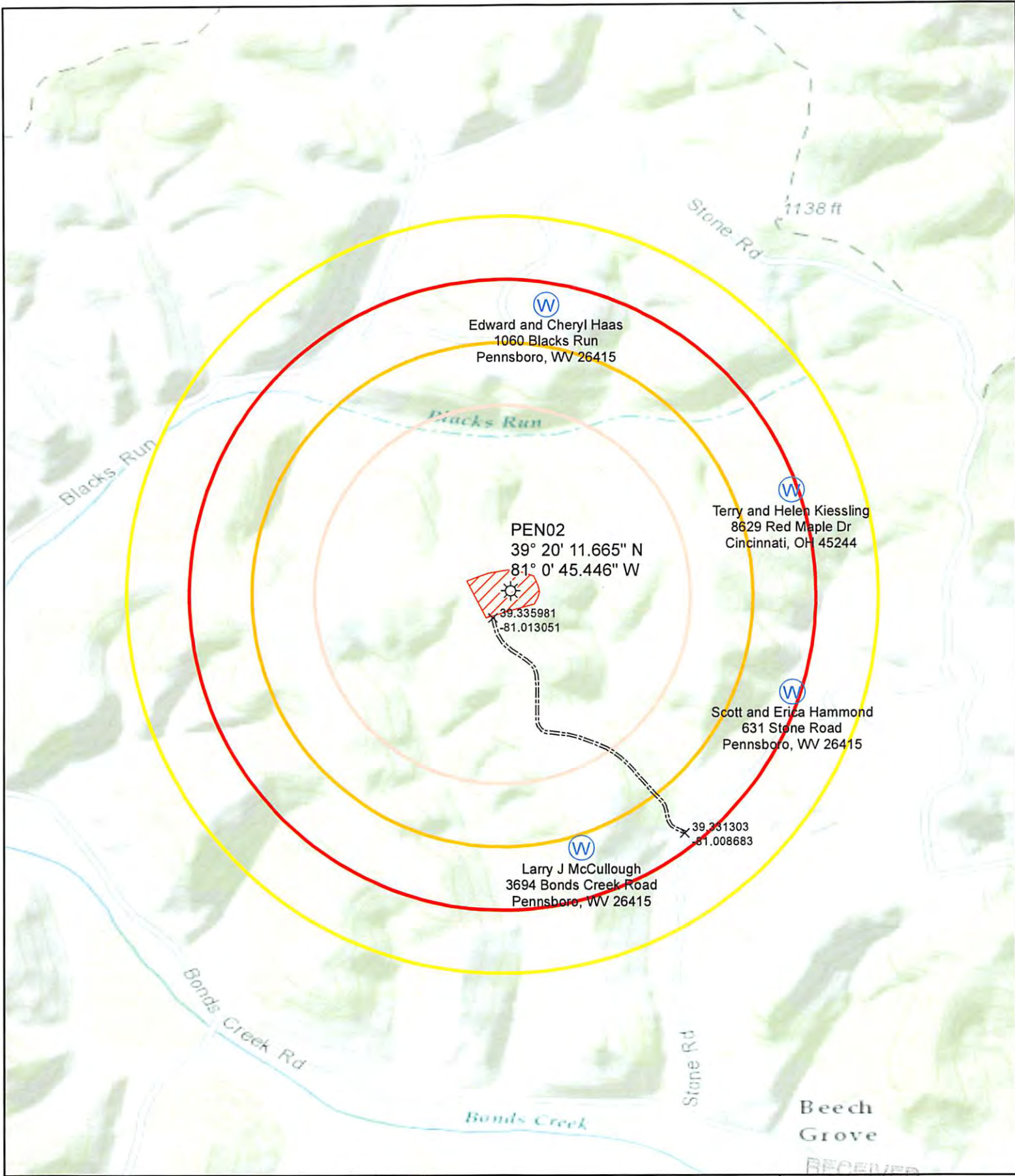
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,324± TMD: 16,028±

WELL OPERATOR CNX GAS COMPANY LLC DESIGNATED AGENT CHRIS TURNER  
 Address 1000 CONSOL ENERGY DRIVE Address 1 DOMINION DR.  
 City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378

02/10/2017





**Legend**

- Wellbore
- Water Wells
- Access Points
- Well Pad
- Access Road

**Buffers**

- 1500
- 2000
- 2500
- 3000

0 500 1,000 2,000 3,000 Feet

1 inch = 1,000 feet

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RECEIVED

**CONSOL ENERGY**  
Office of Oil and Gas  
Canonsburg, PA

JAN 03 2017

**PEN2**  
Water Parveyer Map

02/10/2017

Environmental Protection

Prepared By: M. Keener
Original Date: 12/15/2016
Revision Date:
Revision Date: