

BHL is located on topo map 8,754 feet south of Latitude: 39° 22' 30"
 SHL is located on topo map 13,967 feet south of Latitude: 39° 22' 30"

BHL is located on topo map 9,821 feet west of Longitude: 81° 00' 00"
 SHL is located on topo map 3,582 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 hereon. 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.

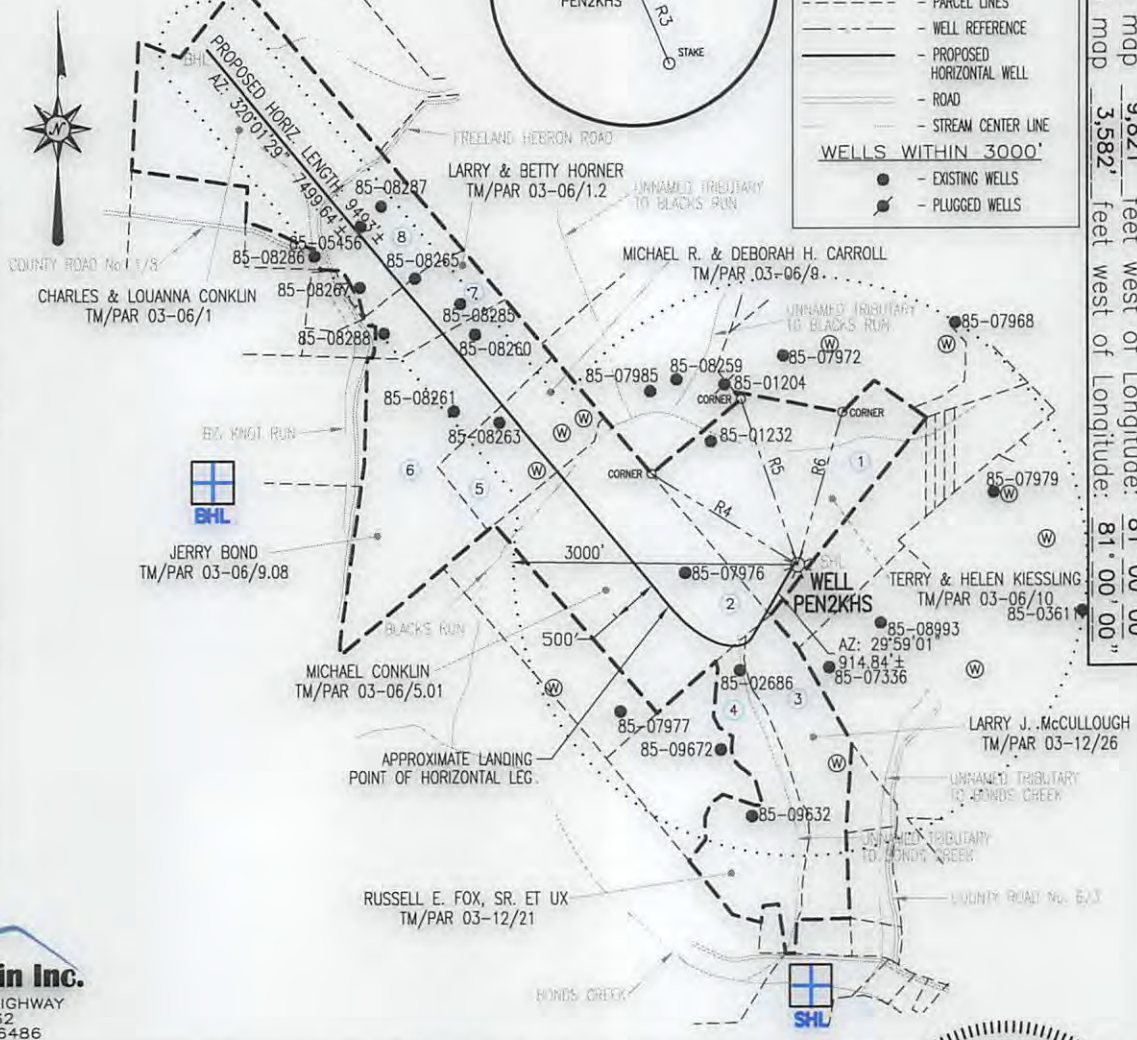
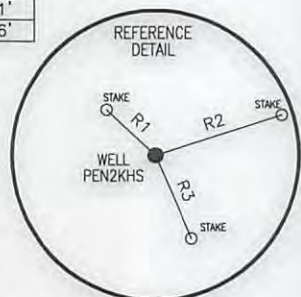
LINE	BEARING	DISTANCE
R1	N 46°59'57" W	139.41'
R2	N 72°17'41" E	277.09'
R3	S 23°43'29" E	187.89'
R4	N 58°14'58" W	1793.71'
R5	N 18°54'58" W	1811.61'
R6	N 16°39'29" E	1649.36'

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

WELLS WITHIN 3000'

- - EXISTING WELLS
- ⊙ - PLUGGED WELLS



SURFACE HOLE LOCATION (SHL)

UTM 17-NAD83
 N:4354134.31
 E:498911.19
 NAD27, WV NORTH
 N:308292.89
 E:1572124.72
 LAT/LON DATUM-NAD83
 LAT:39.336633
 LON:-81.012634

APPROX. LANDING POINT

UTM 17-NAD83
 N:4353999.01
 E:498504.59
 NAD27, WV NORTH
 N:307871.20
 E:1570783.02
 LAT/LON DATUM-NAD83
 LAT:39.335414
 LON:-81.017352

BOTTOM HOLE LOCATION (BHL)

UTM 17-NAD83
 N:4355725.34
 E:497007.50
 NAD27, WV NORTH
 N:313618.34
 E:1565964.83
 LAT/LON DATUM-NAD83
 LAT:39.350965
 LON:-81.034731

Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 25562
 PHONE: (304) 662-6486

FILE #: PEN2KHS

DRAWING #: PEN2KHS

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

PLACE SEAL HERE

(+) 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 #: PEN2KHS

API WELL #: 47 85 10075 F

STATE COUNTY PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1083.76± 1075.4'

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

SURFACE OWNER: TERRY & HELEN KIESSLING ACREAGE: 79.242±

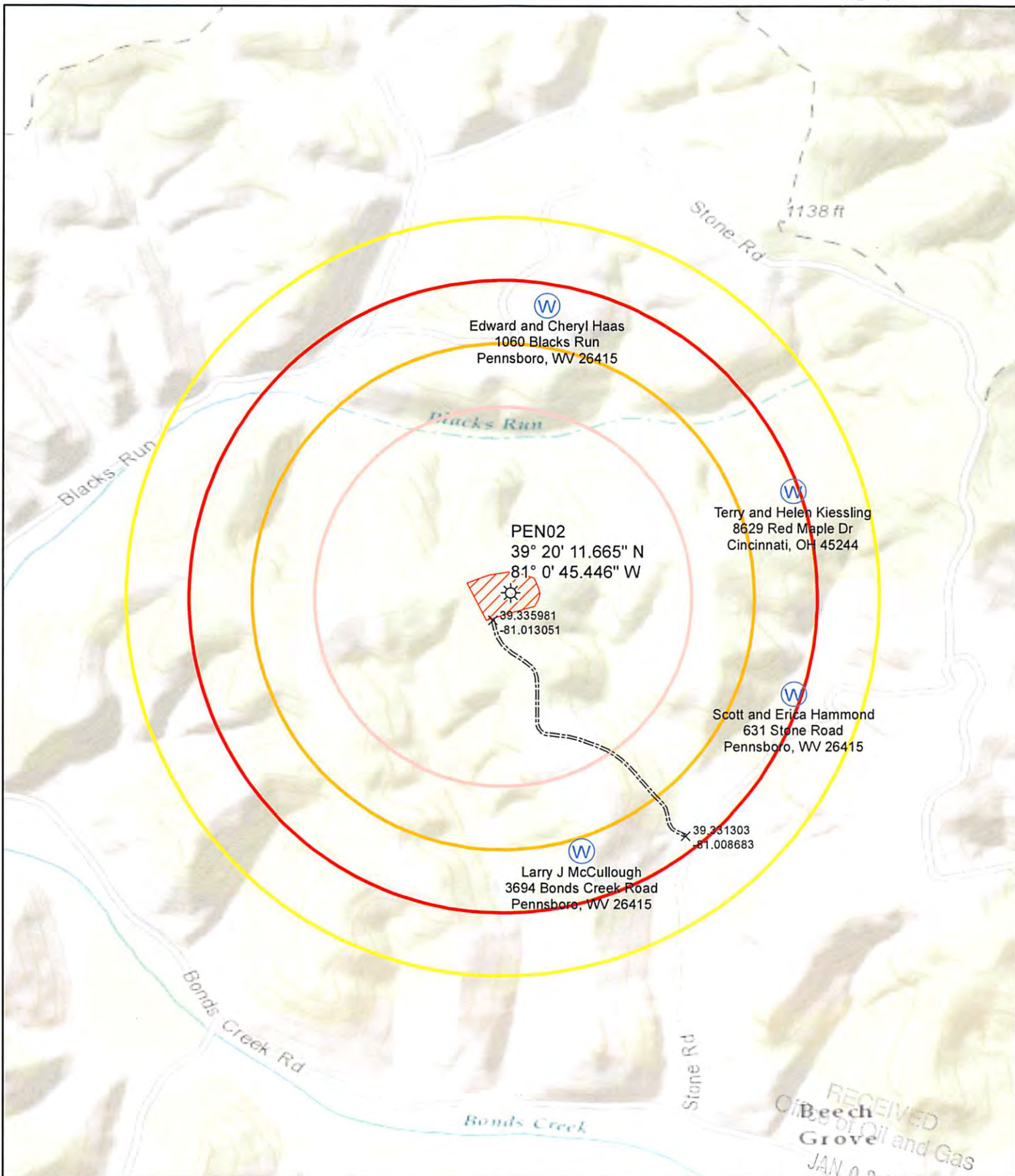
OIL & GAS ROYALTY OWNER: TERRY KIESSLING ET AL ACREAGE: 511.984±

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: 6,314'± TMD: 14,781'±

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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Prepared By: M. Keener

Original Date: 12/15/2016

Revision Date:

Revision Date:

CONSOL ENERGY

Canonsburg, PA

Environmental Protection

PEN2

Water Parvey Map

02/10/2017