

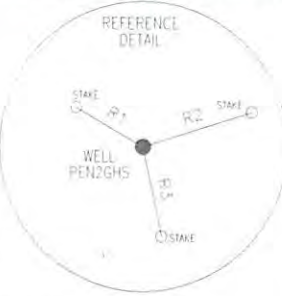
Well is located on topo map 13,953' feet south of Latitude: 39° 22' 30"

AS DRILLED PLAT

Well is located on topo map 3,545' feet west of Longitude: 81° 00' 00"

PERMITTED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4356371.11
 E:497060.31
 NAD27, WV NORTH
 N:315734.55
 E:1566173.53
 LAT/LON DATUM-NAD83
 LAT:39.356785
 LON:-81.034121

LINE	BEARING	DISTANCE
R1	N 59°44'40" W	161.55'
R2	N 72°40'53" E	237.13'
R3	S 11°34'02" E	189.54'
R4	N 59°14'20" W	1818.75'
R5	N 20°10'53" W	1811.29'
R6	N 15°31'37" E	1625.80'



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.

AS DRILLED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4356384.60
 E:497041.55
 NAD27, WV NORTH
 N:315779.85
 E:1566112.71
 LAT/LON DATUM-NAD83
 LAT:39.356906
 LON:-81.034339

LEASE	LESSORS
1	TERRY KIESSLING ET AL
2	JOHN A. SMITH ET AL
3	COASTAL FOREST RESOURCES COMPANY
4	MARY JANE MATHESSE ET AL
5	JAMES P. JONES JR ET AL

LEGEND

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- LEASE NUMBER
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- AS DRILLED
- EXISTING WELLS
- EXISTING WELLS
- PLUGGED WELLS

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

PERMITTED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4354358.31
 E:498805.83
 NAD27, WV NORTH
 N:309033.75
 E:1571791.24
 LAT/LON DATUM-NAD83
 LAT:39.338652
 LON:-81.013857

AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4354335.13
 E:498831.00
 NAD27, WV NORTH
 N:308956.30
 E:1571872.58
 LAT/LON DATUM-NAD83
 LAT:39.338443
 LON:-81.013565

PERMITTED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4354138.67
 E:498922.57
 NAD27, WV NORTH
 N:308306.57
 E:1572162.31
 LAT/LON DATUM-NAD83
 LAT:39.336673
 LON:-81.012502

AS DRILLED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4354138.67
 E:498922.63
 NAD27, WV NORTH
 N:308306.58
 E:1572162.48
 LAT/LON DATUM-NAD83
 LAT:39.336673
 LON:-81.012501

FILE #: PEN2GHS-AS DRILLED
 DRAWING #: PEN2GHS-AS DRILLED
 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

GEORGE D SIX LICENSED No. 2000 STATE OF WEST VIRGINIA PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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



DATE: FEBRUARY 11, 2015
 OPERATOR'S WELL #: PEN2GHS-AS DRILLED
 API WELL #: 47 85 10072
 STATE COUNTY PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1084±
 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: 514.582±

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

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: IVD: 6,314±' TMD: 15,563±'
 WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN
 Address 333 TECHNOLOGY DRIVE, SUITE 116 Address 500 VIRGINIA STREET, EAST UNITED CENTER SUITE 590
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

06/12/2015

RECEIVED
 Office of Oil and Gas
 APR 09 2015
 WV Department of Environmental Protection