

NOTES: Well is located on topo map 13,967' feet south of Latitude: 39° 22' 30"

- 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, 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	1811.51'
R6	N 16°39'29" E	1849.36'

AS DRILLED PLAT

Well is located on topo map 3,582' feet west of Longitude: 81° 00' 00"

AS DRILLED BOTTOM HOLE LOCATION (BH1)
 UTM 17-NAD83
 N:4355740.36
 E:496991.81
 NAD27, WY NORTH
 N:313668.49
 E:1585914.16
 LAT/LON DATUM-NAD83
 LAT:39.351101
 LON:-81.034913

PERMITTED BOTTOM HOLE LOCATION (BH1)
 UTM 17-NAD83
 N:4355725.34
 E:497007.50
 NAD27, WY NORTH
 N:313618.34
 E:1565964.83
 LAT/LON DATUM-NAD83
 LAT:39.350965
 LON:-81.034731

AS DRILLED SURFACE HOLE LOCATION (SH1)
 UTM 17-NAD83
 N:4354134.36
 E:498911.37
 NAD27, WY NORTH
 N:308293.04
 E:1572125.32
 LAT/LON DATUM-NAD83
 LAT:39.336634
 LON:-81.012632

PERMITTED SURFACE HOLE LOCATION (SH1)
 UTM 17-NAD83
 N:4354134.31
 E:498911.19
 NAD27, WY NORTH
 N:308292.89
 E:1572124.72
 LAT/LON DATUM-NAD83
 LAT:39.336633
 LON:-81.012634

LEGEND

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

EXISTING WELLS

- EXISTING WELLS
- PLUGGED WELLS

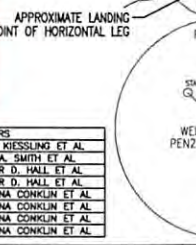
PERMITTED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4353999.01
 E:498504.59
 NAD27, WY NORTH
 N:307871.20
 E:1570783.02
 LAT/LON DATUM-NAD83
 LAT:39.335414
 LON:-81.017352

AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4353998.26
 E:498507.78
 NAD27, WY NORTH
 N:307868.57
 E:1570793.45
 LAT/LON DATUM-NAD83
 LAT:39.335407
 LON:-81.017315

Blue Mountain Inc.
 10125 MASON DIXON HIGHWAY
 BURTON, WV 28562
 PHONE: (304) 662-6486

LEASE LESSORS

1	TERRY KIESSLING ET AL
2	JOHN A. SMITH ET AL
3	ARTHUR D. HALL ET AL
4	ARTHUR D. HALL ET AL
5	LOUANNA CONKLIN ET AL
6	LOUANNA CONKLIN ET AL
7	LOUANNA CONKLIN ET AL
8	LOUANNA CONKLIN ET AL



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: **PRELIMINARY**

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

FILE #: PEN2KHS-AS DRILLED

DRAWING #: PEN2KHS-AS DRILLED

SCALE: 1" = 2000'

MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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

DATE: FEBRUARY 10, 2015

OPERATOR'S WELL #: PEN2KHS-AS DRILLED

API WELL #:

47	85	10075
STATE	COUNTY	PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1083.76'±

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: 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

03/31/2017