

Well is located on topo map 13,964' feet south of Latitude: 39° 22' 30"

AS DRILLED PLAT

AS DRILLED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4354135.28
 E:498930.29
 NAD27_WV NORTH
 N:308295.03
 E:1572187.43
 LAT/LON DATUM-NAD83
 LAT:39.336642
 LON:-81.012413

PERMITTED SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4354135.15
 E:498930.45
 NAD27_WV NORTH
 N:308294.61
 E:1572187.95
 LAT/LON DATUM-NAD83
 LAT:39.336641
 LON:-81.012411

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

LEASE	LESSORS
1	TERRY KIESSLING ET AL
2	TERRY KIESSLING ET AL
3	MARY ELLEN ADKINS HERRING ET AL
4	STEVE HAMMOND ET AL
5	STEVE HAMMOND ET AL
6	MARY LEE LILLY ET AL
7	DONALD HOGUE ET AL
8	JOSEPH F. SCHMIDLE ET UX
9	JOSEPH F. SCHMIDLE ET UX
10	JOSEPH F. SCHMIDLE ET UX
11	DAVID B. OWINGS ET AL
12	CHARLOTTE L. MOSS ET AL
13	STEVEN VAUGHAN ET UX
14	DAVID L. MAPLE ET AL

- 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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

LINE	BEARING	DISTANCE
R1	N 60°31'34" W	189.75'
R2	N 67°38'46" E	217.05'
R3	S 04°04'17" E	174.17'
R4	N 59°19'37" W	1846.90'
R5	N 20°48'18" W	1831.47'
R6	N 14°32'47" E	1630.70'

PERMITTED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4354177.06
 E:499263.60
 NAD27_WV NORTH
 N:308413.85
 E:1573283.50
 LAT/LON DATUM-NAD83
 LAT:39.337019
 LON:-81.008545

AS DRILLED APPROX. LANDING POINT
 UTM 17-NAD83
 N:4354162.12
 E:499276.60
 NAD27_WV NORTH
 N:308364.11
 E:1573325.36
 LAT/LON DATUM-NAD83
 LAT:39.336884
 LON:-81.008394

PERMITTED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4352103.38
 E:501061.58
 NAD27_WV NORTH
 N:301510.33
 E:1579070.06
 LAT/LON DATUM-NAD83
 LAT:39.318333
 LON:-80.987685

AS DRILLED BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4352101.16
 E:501063.45
 NAD27_WV NORTH
 N:301502.95
 E:1579076.08
 LAT/LON DATUM-NAD83
 LAT:39.318313
 LON:-80.987663

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

FILE #: PEN 2 EHS-AS DRILLED
 DRAWING #: PEN 2 EHS-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 SURVEYOR
 No. 2000
 STATE OF WEST VIRGINIA
 OFFICE OF PROFESSIONAL SURVEYORS
 RECEIVED
 Office of Environmental Protection
 APPROVED
 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 #: PEN 2 EHS-AS DRILLED
 API WELL #: 47 85 10070
 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: 823.051±

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: 16,001'±

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

Well is located on topo map 3,519' feet west of Longitude: 81° 00' 00"

06/12/2015