

Well is located on topo map 14,560' feet south of Latitude: 39° 22' 30"

Well is located on topo map 9,799' feet west of Longitude: 80° 57' 30"

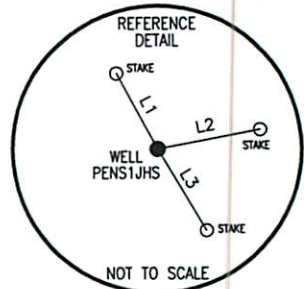
LEGEND

- ⊕ - TOPO MAP POINT
- ☀ - PROPOSED GAS WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ⊙ - WATER SOURCE
- ⓪ - LEASE NUMBER
- - SURFACE BOUNDARY
- - PARCEL LINES
- - WELL REFERENCE
- - PROPOSED HORIZONTAL WELL
- == - ROAD
- - STREAM CENTER LINE
- - AS DRILLED
- - EXISTING WELLS
- ⊕ - PLUGGED WELLS

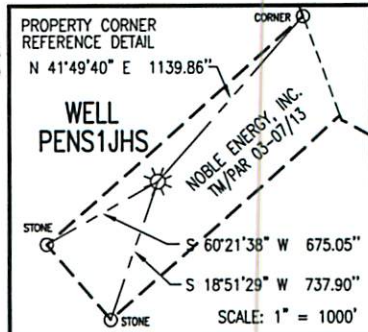
BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83
N:4356105.65
E:499114.93
NAD27, WV NORTH
N:314750.71
E:1572901.34

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
L1	N 28°03'20" W	180.49'
L2	N 79°14'04" E	217.25'
L3	S 31°08'53" E	197.51'



APPROX LANDING POINT
UTM 17-NAD83
N:4354260.55
E:500716.42
NAD27, WV NORTH
N:308608.09
E:1578055.61

TRACT	LESSORS
1	JOSEPH F. & JOYCE A. SCHMIDLE
2	JOSEPH F. & JOYCE A. SCHMIDLE
3	JOSEPH F. & JOYCE A. SCHMIDLE
4	JOSEPH F. & JOYCE A. SCHMIDLE
5	CLARENCE W. & MARY FRANCES MUTSCHELKNAUS
6	DAVID T. MIHLBAUER ET AL
7	DONALD H. CARNEY ET AL
8	RICHARD L. CLARK ET AL
9	KENNETH R. & JENNIFER MASON ET AL
10	NOT PERMITTED

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
N:4353964.917
E:500622.023
NAD27, WV NORTH
N:307643.15
E:1577729.63

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
N:4353964.70
E:500622.18
NAD27, WV NORTH
N:307642.450
E:1577730.148

Blue Mountain Inc.
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 662-6486

FILE #: PENS1JHS-AS DRILLED
 DRAWING #: PENS1JHS-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

PLACE SEAL HERE

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



DATE: AUGUST 26, 2014
 OPERATOR'S WELL #: PENS1JHS-AS DRILLED
 API WELL #: 47 85 MOD10034H6A
 STATE COUNTY PERMIT

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

WATERSHED: BONDS CREEK ELEVATION: 1117.96'

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

SURFACE OWNER: NOBLE ENERGY, INC. ACREAGE: 19.759±

OIL & GAS ROYALTY OWNER: SEE TABLE ABOVE ACREAGE: 453.743±

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: 6,359'± TMD: 14,842±

WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN
 Address 333 TECHNOLOGY DRIVE, SUITE 110 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1001
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

12/05/2014