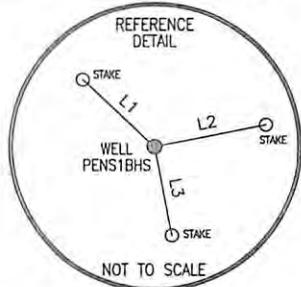


Latitude: 39°22'30"

Longitude: 80°57'30"

LEGEND

- TOPO MAP POINT
 - PROPOSED GAS WELL
 - ALL ARE POINTS UNLESS OTHERWISE NOTED.
 - WATER SOURCE
 - SURFACE BOUNDARY
 - LEASE BOUNDARY
 - PARCEL LINES
 - WELL REFERENCE
 - PROPOSED HORIZONTAL WELL
 - ROAD
 - STREAM CENTER LINE
- WELLS WITHIN 3000'**
- EXISTING WELLS
 - PLUGGED WELLS



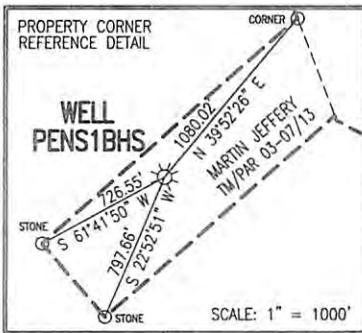
| LINE | BEARING | DISTANCE |
|------|---------------|----------|
| L1 | N 46°37'43" W | 206.37' |
| L2 | N 78°26'25" E | 234.85' |
| L3 | S 11°13'35" E | 190.24' |

| SURFACE HOLE LOCATION (SHL) | APPROX. LANDING POINT | BOTTOM HOLE LOCATION (BHL) |
|---|---|---|
| UTM 17 N:4353961.897 E:500627.258 | UTM 17-NAD83 N:4353982.453 E:500981.882 | UTM 17-NAD83 N:4352402.793 E:502352.982 |
| NAD27_WV NORTH N:307632.956 E:1577746.642 | NAD27_WV NORTH N:307680.948 E:1578911.485 | NAD27_WV NORTH N:302422.005 E:1583324.261 |
| LAT/LOG DATUM-WGS84 LAT:39°20'06.29" LON:80°59'33.80" | LAT/LOG DATUM-WGS84 LAT:39°20'06.95" LON:80°59'18.98" | LAT/LOG DATUM-WGS84 LAT:39°19'15.70" LON:80°58'21.73" |



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

COORDINATES:
9,734' WEST
14,542' SOUTH



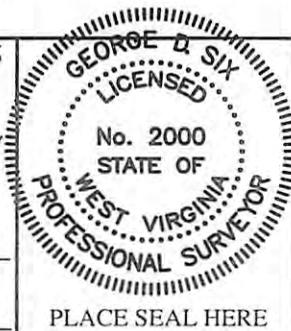
NOTES:

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.

FILE #: PENS1BHS
DRAWING #: PENS1BHS
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: _____
R.P.E.: _____ L.L.S.: P.S. No. 2000



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



DATE: JULY 11, 2012
OPERATOR'S WELL #: PENS1BHS
API WELL #: 47 85 10012 HGA
STATE COUNTY PERMIT

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

WATERSHED: UNNAMED TRIBUTARY TO BONDS CREEK ELEVATION: 1121.05'
COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: PENNSBORO, WV 7.5'
SURFACE OWNER: CNX GAS COMPANY LLC ACREAGE: 19.759±
OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 393.209±

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

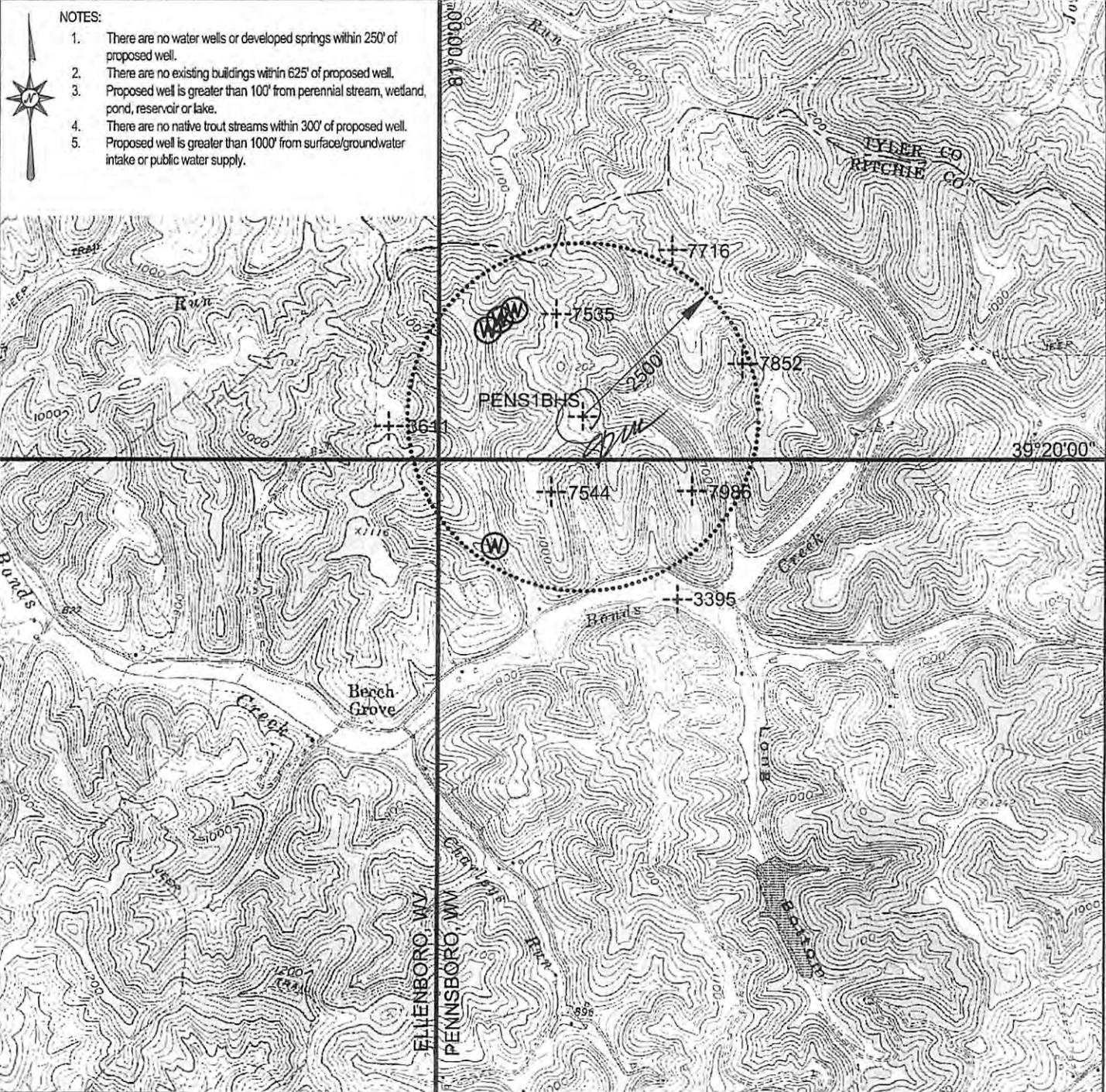
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,400± TMD: 15,000±

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 CANNONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

02/08/2013

8713
2123
7458

*n/m w/in 1000'
* here



NOTES:

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PREPARED FOR:
NOBLE ENERGY, INC.
333 TECHNOLOGY DRIVE
SUITE 110
CANNONBURG, PA 15317

LEGEND
 - WATER PURVEYOR
 - EXISTING WELLS

**PENS1BHS
LOCATION MAP
RITCHIE COUNTY
CLAY DISTRICT
WEST VIRGINIA**

TOPO QUAD: PENNSBORO, WV
 SCALE: 1" = 2000'
 DATE: JULY 11, 2012