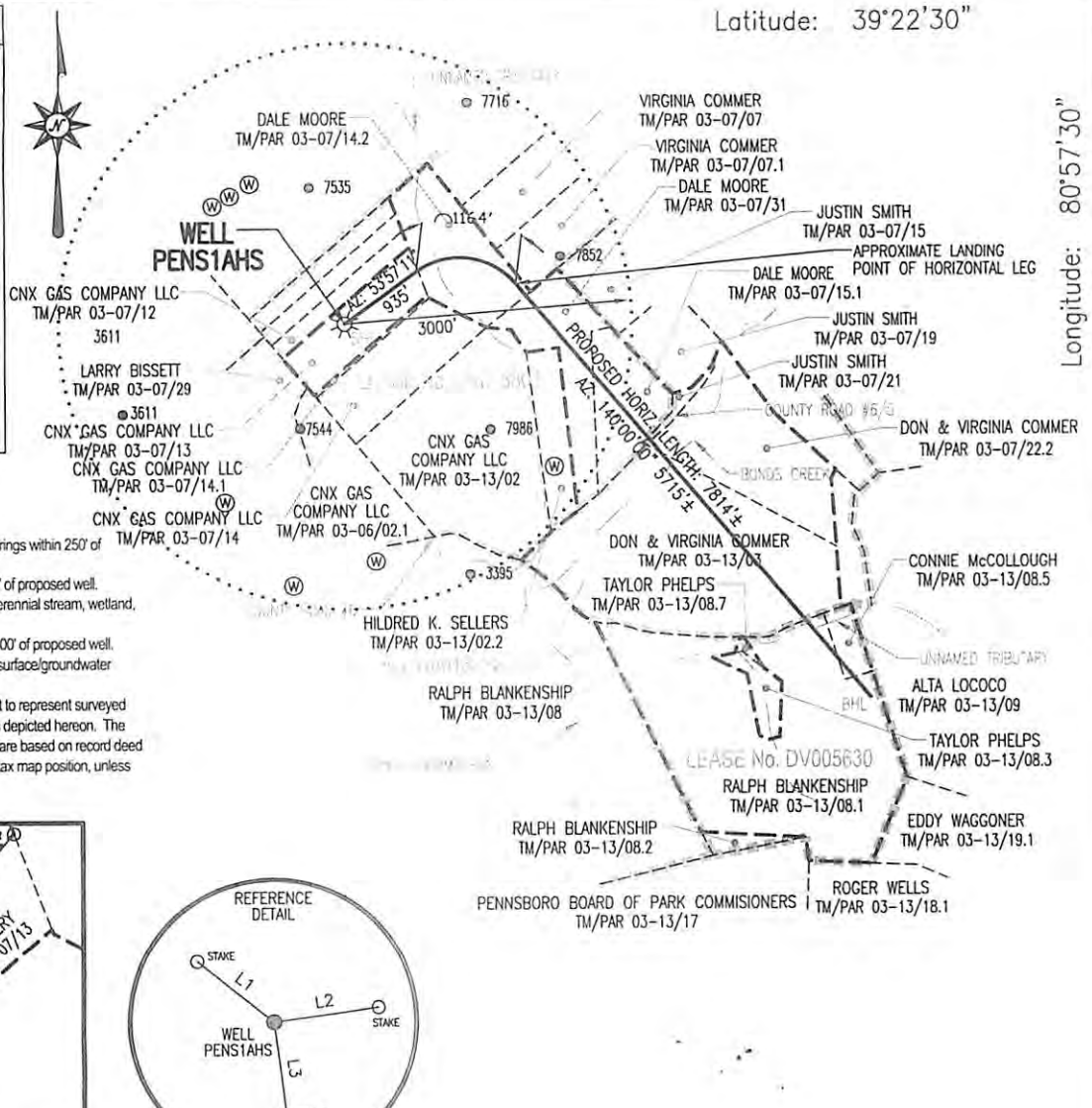


Latitude: 39°22'30"

Longitude: 80°57'30"

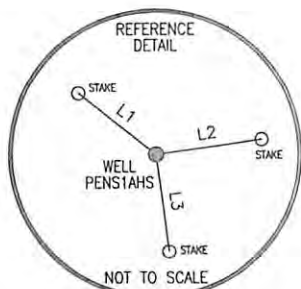
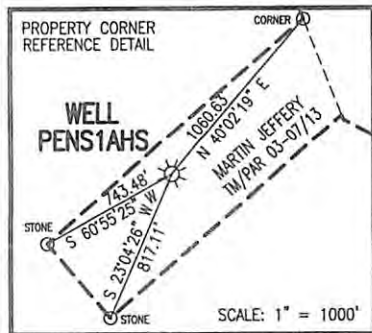
LEGEND

- 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



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 52°02'43\" W	203.06'
L2	N 82°10'36\" E	222.06'
L3	S 07°32'41\" E	205.21'

COORDINATES:
9,724' WEST
14,525' SOUTH



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

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17 N:4353967.077 E:500630.247	UTM 17-NAD83 N:4354104.812 E:501178.276	UTM 17-NAD83 N:4352789.699 E:502319.756
NAD27_WV NORTH N:307649.791 E:157756.734	NAD27_WV NORTH N:308071.695 E:1579562.665	NAD27_WV NORTH N:303693.472 E:1583236.430
LAT/LOG DATUM-WGS84 LAT:39°20'06.46\" LON:80°59'33.67\"	LAT/LOG DATUM-WGS84 LAT:39°20'10.92\" LON:80°59'10.78\"	LAT/LOG DATUM-WGS84 LAT:39°19'28.25\" LON:80°58'23.11\"

FILE #: PENS1AHS
 DRAWING #: PENS1AHS
 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 #: PENS1AHS
 API WELL #: 47 85 **10009 H6A**
 STATE COUNTY PERMIT

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

WATERSHED: UNNAMED TRIBUTARY TO BONDS CREEK ELEVATION: 1121.06'
 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: 353.202±

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

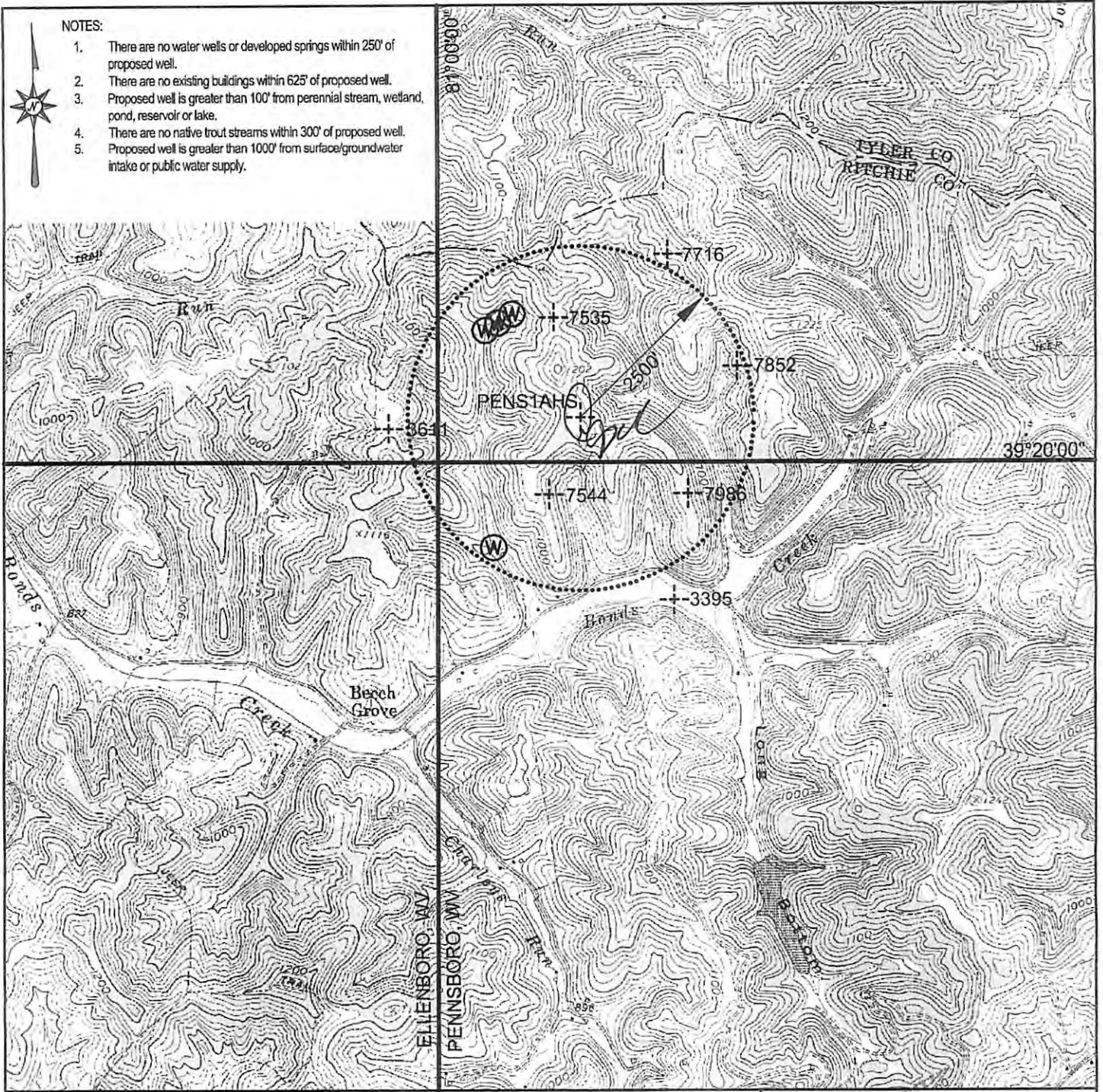
TARGET FORMATION: HELDERBERG, MARCELLUS ESTIMATED DEPTH: TVD: 7,000'± TMD: 15,000'±
 WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN
 Address 333 TECHNOLOGY DRIVE, SUITE 110 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1001
 City CANNONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

02/08/2013

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

LEGEND
 (W) - WATER PURVEYOR
 -+ - EXISTING WELLS

**PENS1AHS
 LOCATION MAP
 RITCHIE COUNTY
 CLAY DISTRICT
 WEST VIRGINIA**

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