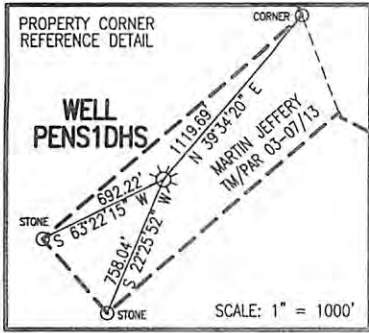


Latitude: 39°22'30"

Longitude: 80°57'30"

LEGEND

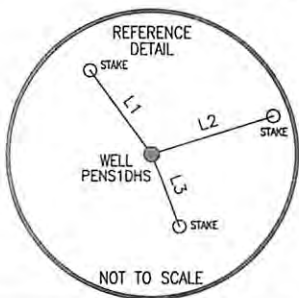
- TOPO MAP POINT
 - PROPOSED GAS WELL
 - ALL ARE POINTS UNLESS OTHERWISE NOTED.
 - WATER SOURCE
 - SURFACE BOUNDARY
 - LEASE BOUNDARY
 - PARCEL LINES
 - WELL REFERENCE
 - PROPOSED HORIZONTAL WELL
 - ROAD
 - STREAM CENTER LINE
- WELLS WITHIN 3000'**
- EXISTING WELLS
 - PLUGGED WELLS



SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17 N:4353951.367 E:500621.065	UTM 17-NAD83 N:4353669.896 E:500647.976	UTM 17-NAD83 N:4352307.860 E:501830.187
NAD27 WV NORTH N:307598.742 E:1577725.744	NAD27 WV NORTH N:306673.611 E:1577798.630	NAD27 WV NORTH N:302139.167 E:1581603.480
LAT/LOG DATUM-WGS84 LAT:39°20'05.95" LON:80°59'34.06"	LAT/LOG DATUM-WGS84 LAT:39°19'56.82" LON:80°59'32.93"	LAT/LOG DATUM-WGS84 LAT:39°19'12.63" LON:80°58'43.57"

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.

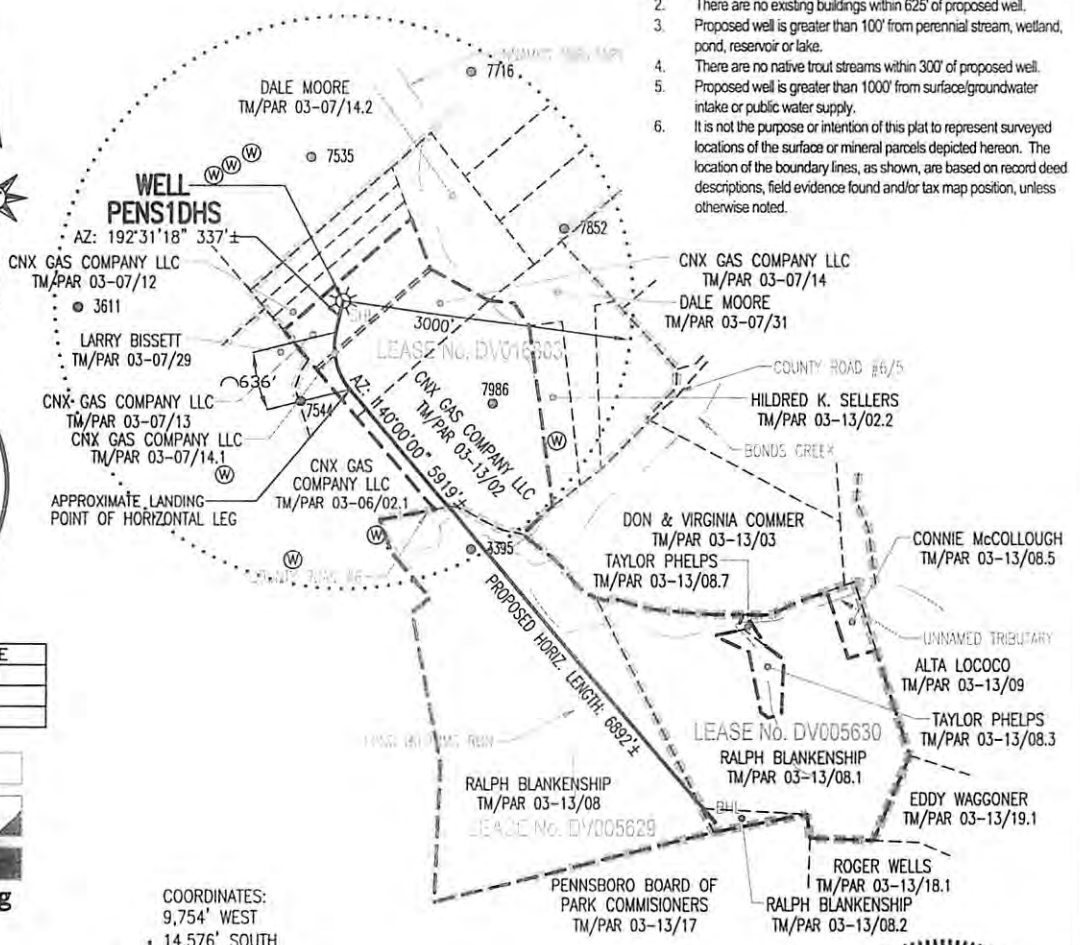


LINE	BEARING	DISTANCE
L1	N 36°16'29" W	218.23'
L2	N 72°03'24" E	263.82'
L3	S 20°48'59" E	163.02'



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

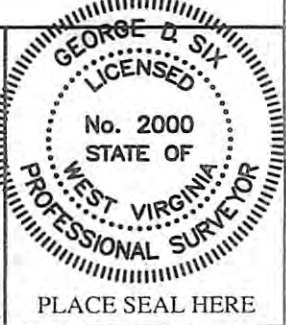
COORDINATES:
9,754' WEST
14,576' SOUTH



FILE #: PENS1DHS
DRAWING #: PENS1DHS
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 #: PENS1DHS
API WELL #: 47 85 10010 H6A
STATE COUNTY PERMIT

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

WATERSHED: BONDS CREEK ELEVATION: 1120.35'
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: 420.556±

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

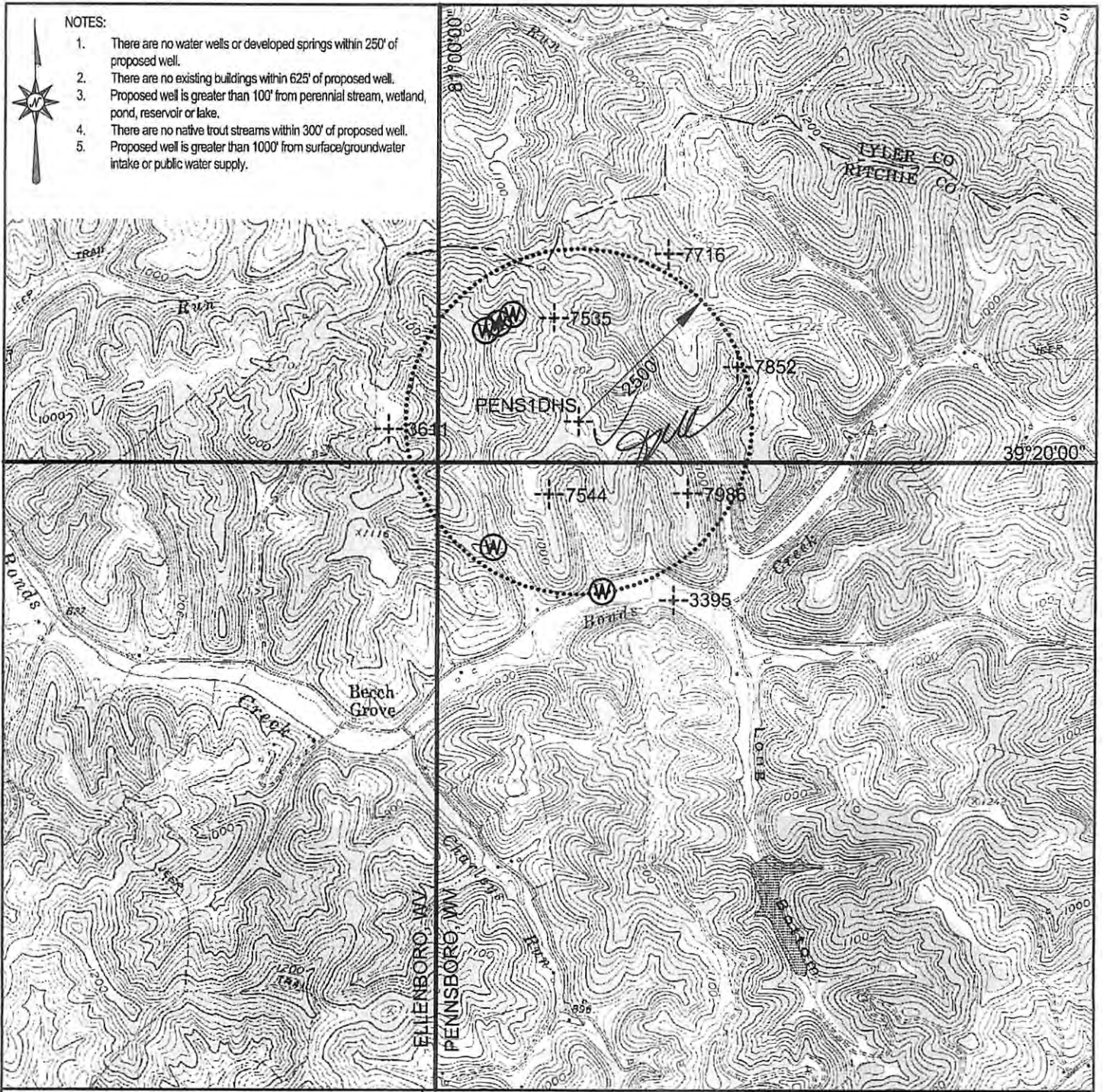
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,400'± TMD: 15,000'±
WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN
Address 333 TECHNOLOGY DRIVE, SUITE 110 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1001
City CANNONBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

02/08/2013

85-10010

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 BURTON, WV 26562
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PREPARED FOR:
 NOBLE ENERGY, INC.
 333 TECHNOLOGY DRIVE
 SUITE 110
 CANNONSBURG, PA 15317

LEGEND
 (W) - WATER PURVEYOR
 + - EXISTING WELLS

PENS1DHS
 LOCATION MAP
 RITCHIE COUNTY
 CLAY DISTRICT
 WEST VIRGINIA

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