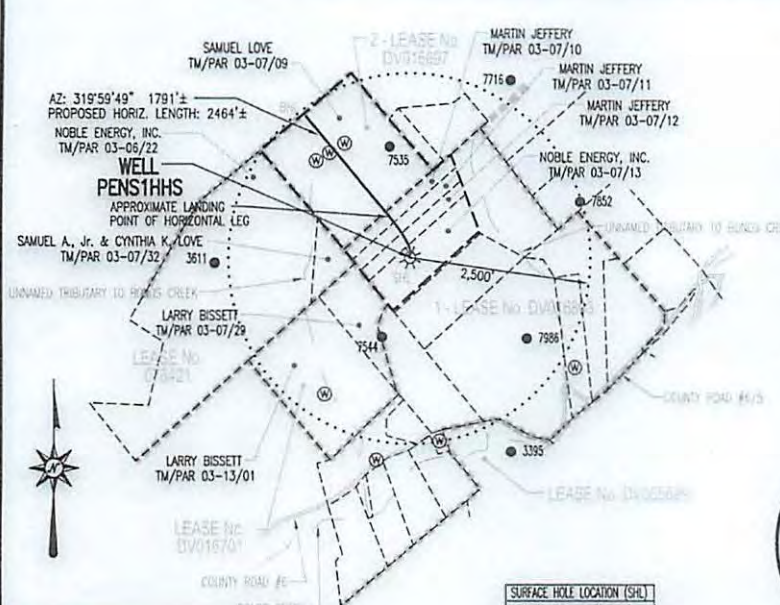


Well is located on topo map 14,578' feet south of Latitude: 39° 22' 30"

Well is located on topo map 9,809' feet west of Longitude: 80° 57' 30"

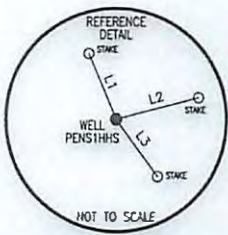


LEGEND

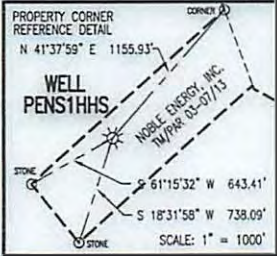
- ⊕ - TOPO MAP POINT
- ★ - PROPOSED GAS WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED
- ⊙ - WATER SOURCE
- - - SURFACE BOUNDARY
- - - LEASE BOUNDARY
- - - PARCEL LINES
- - - WELL REFERENCE
- - - PROPOSED HORIZONTAL WELL
- - - ROAD
- - - STREAM CENTER LINE

WELLS WITHIN 3000'

- - EXISTING WELLS
- ⊙ - PLUGGED WELLS



LINE	BEARING	DISTANCE
L1	N 22°50'23" W	191.86'
L2	N 75°26'47" E	231.27'
L3	S 36°36'58" E	168.76'



SURFACE HOLE LOCATION (SHL)
 UTM 17-NAD83
 N:4353959.524
 E:500618.883
 NAD27, WV NORTH
 N:307625.63
 E:1577719.03

APPROX. LANDING POINT
 UTM 17-NAD83
 N:4354125.63
 E:500529.87
 NAD27, WV NORTH
 N:308175.60
 E:1577436.04

BOTTOM HOLE LOCATION (BHL)
 UTM 17-NAD83
 N:4354537.62
 E:500172.23
 NAD27, WV NORTH
 N:309547.20
 E:1576285.01

- 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 mineral interests depicted herein. The location of the boundary lines, as shown, are based on record deed descriptions, field evidence found and/or tax map portions, unless otherwise noted.

Blue Mountain Engineering
 11023 MASON DIXON HIGHWAY
 BURTON, WV 26562
 PHONE: (304) 682-6486

FILE #: PENS1
 DRAWING #: PENS1HHS
 SCALE: 1" = 2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE: 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



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



DATE: MARCH 1, 2013
 OPERATOR'S WELL #: PENS1HHS
 API WELL #: 47 85 10033 HGA
 STATE COUNTY PERMIT

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

WATERSHED: BONDS CREEK ELEVATION: 1117.78'
 COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: PENNSBORO, WV 7.5'
 SURFACE OWNER: NOBLE ENERGY, INC. ACREAGE: 19.759±
 OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 108.553±

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

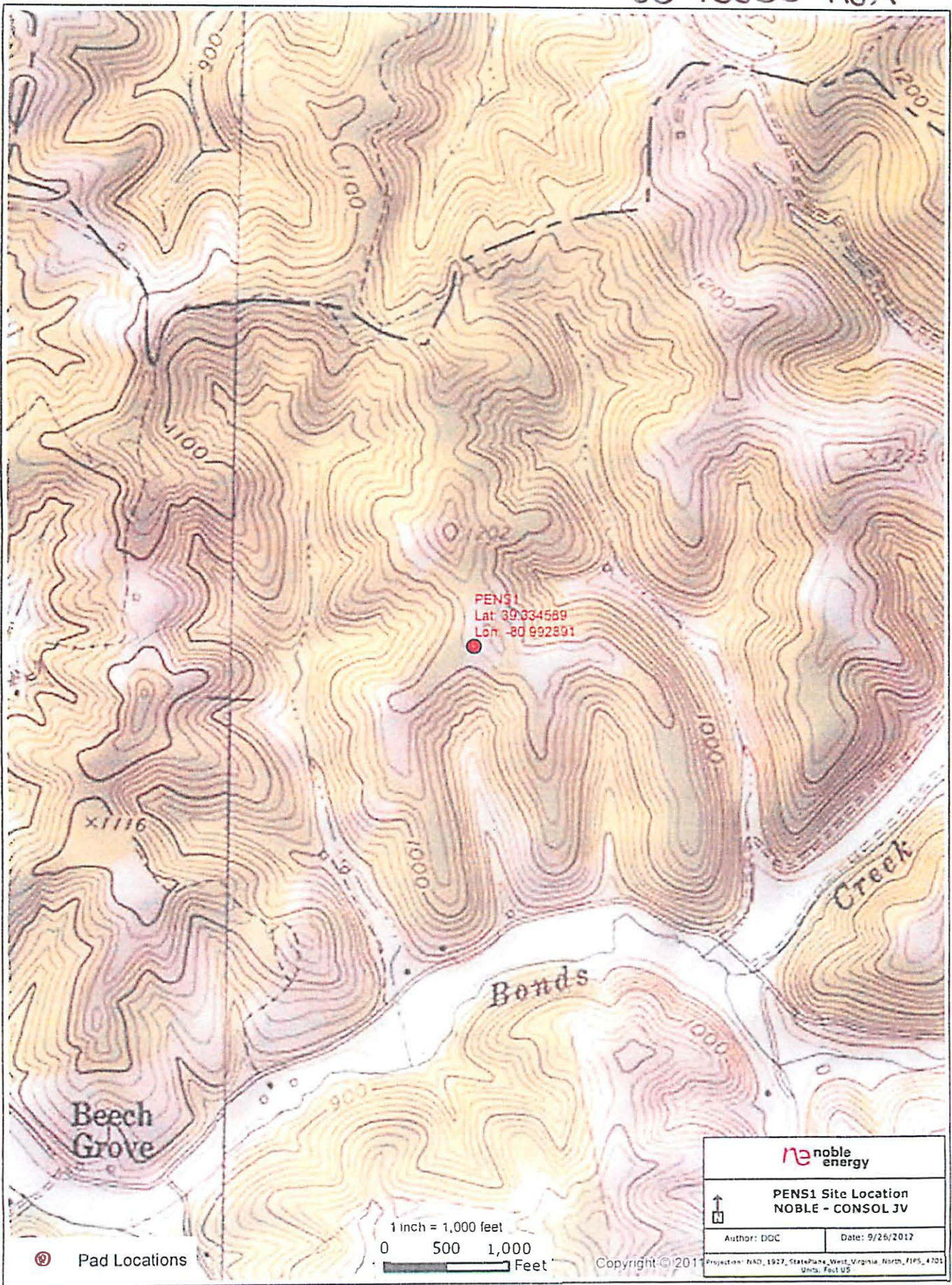
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,359'± TMD: 8,600'±

WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GR EN
 Address: 333 TECHNOLOGY DRIVE, SUITE 110 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1
 City: ANONSBURG State: PA Zip Code: 15317 City: CHARLESTON State: WV Zip Code: 25301

04/26/2013

85-10033 H6A

✓ DOC
4-23-13



Ⓢ Pad Locations

1 inch = 1,000 feet
0 500 1,000
Feet

PENS1 Site Location NOBLE - CONSOL JV	
↑ North Arrow	Date: 9/26/2017
Author: DOC	Projection: NAD_1927_StatePlane_West_Virginia_North_FIPS_4701 Units: Feet US

AppalachiaBU\Marcellus\Maps\Hijorsville\PENS1_Site_Location_DC

Disclaimer: All data is licensed for use by Noble Energy. 04/26/2013