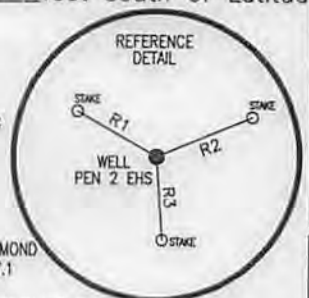
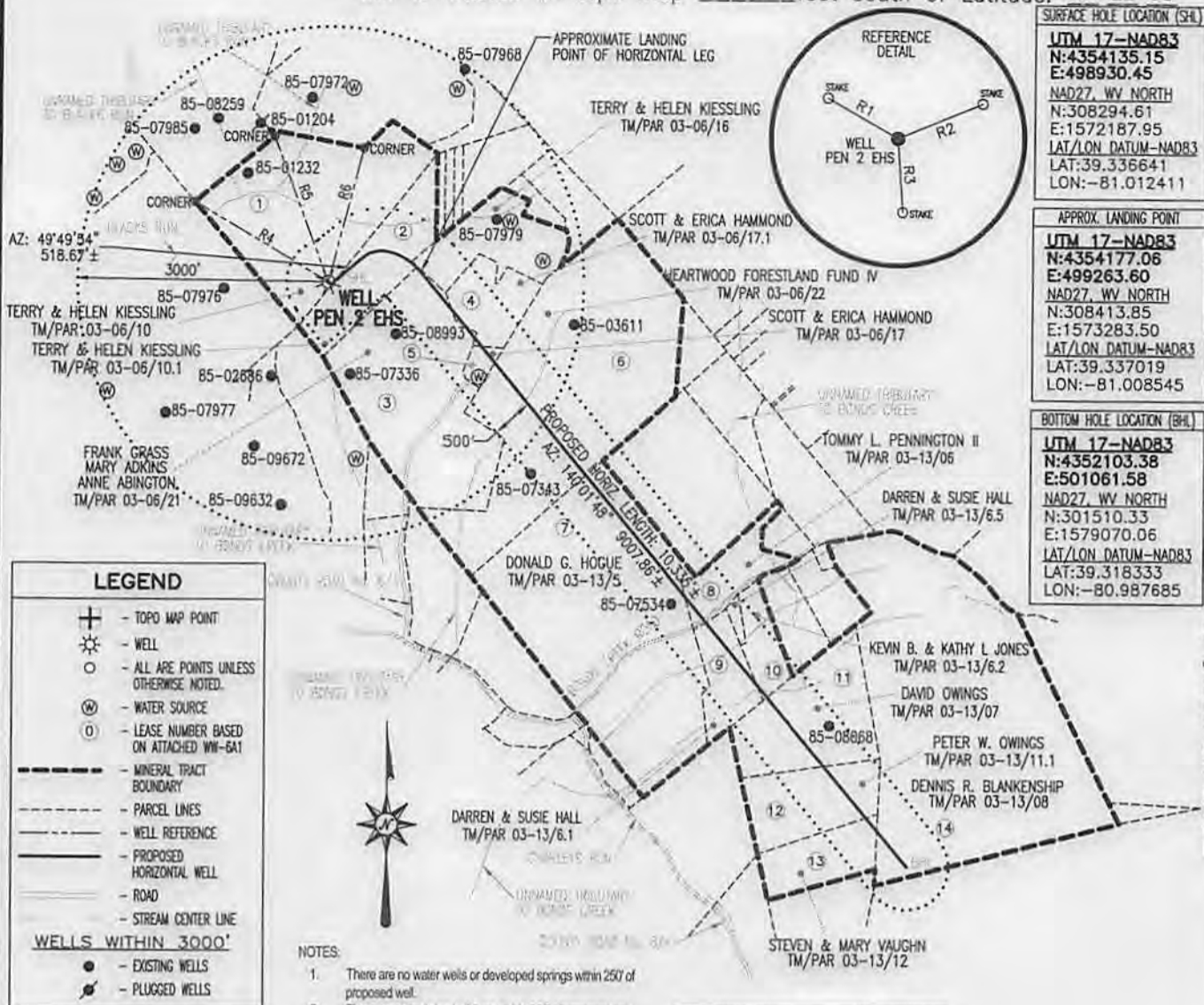


Well is located on topo map 13,964' feet south of Latitude: 39° 22' 30"

Well is located on topo map 3,519' feet west of Longitude: 81° 00' 00"



**SURFACE HOLE LOCATION (SHL)**

**UTM 17-NAD83**  
 N:4354135.15  
 E:498930.45  
 NAD27, WV NORTH  
 N:308294.61  
 E:1572187.95  
 LAT/LON DATUM-NAD83  
 LAT:39.336641  
 LON:-81.012411

**APPROX. LANDING POINT**

**UTM 17-NAD83**  
 N:4354177.06  
 E:499263.60  
 NAD27, WV NORTH  
 N:308413.85  
 E:1573283.50  
 LAT/LON DATUM-NAD83  
 LAT:39.337019  
 LON:-81.008545

**BOTTOM HOLE LOCATION (BHL)**

**UTM 17-NAD83**  
 N:4352103.38  
 E:501061.58  
 NAD27, WV NORTH  
 N:301510.33  
 E:1579070.06  
 LAT/LON DATUM-NAD83  
 LAT:39.318333  
 LON:-80.987685

**LEGEND**

- + - TOPO MAP POINT
- ★ - WELL
- - ALL ARE POINTS UNLESS OTHERWISE NOTED.
- ⊙ - WATER SOURCE
- ① - LEASE NUMBER BASED ON ATTACHED WW-6A1
- - - MINERAL TRACT BOUNDARY
- - - PARCEL LINES
- - - WELL REFERENCE
- - - PROPOSED HORIZONTAL WELL
- - - ROAD
- - - STREAM CENTER LINE

**WELLS WITHIN 3000'**

- - EXISTING WELLS
- ⊙ - PLUGGED WELLS

- 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.

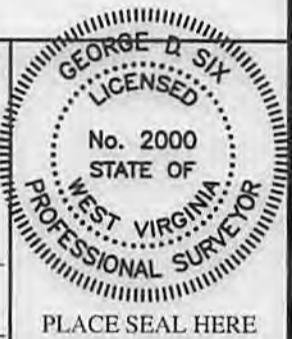
LINE	BEARING	DISTANCE
R1	N 60°31'34" W	189.75'
R2	N 67°38'46" E	217.05'
R3	S 04°04'17" E	174.17'
R4	N 59°19'37" W	1846.90'
R5	N 20°48'18" W	1831.47'
R6	N 14°32'47" E	1630.70'

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

FILE #: PEN 2 EHS  
 DRAWING #: PEN 2 EHS  
 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



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP

OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304

DATE: JANUARY 30, 2014

OPERATOR'S WELL #: PEN 2 EHS

API WELL #: 47 85 10070 MOD  
 STATE COUNTY PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1084±

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

SURFACE OWNER: TERRY & HELEN KIESSLING ACREAGE: 79.242±

OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 823.051±

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

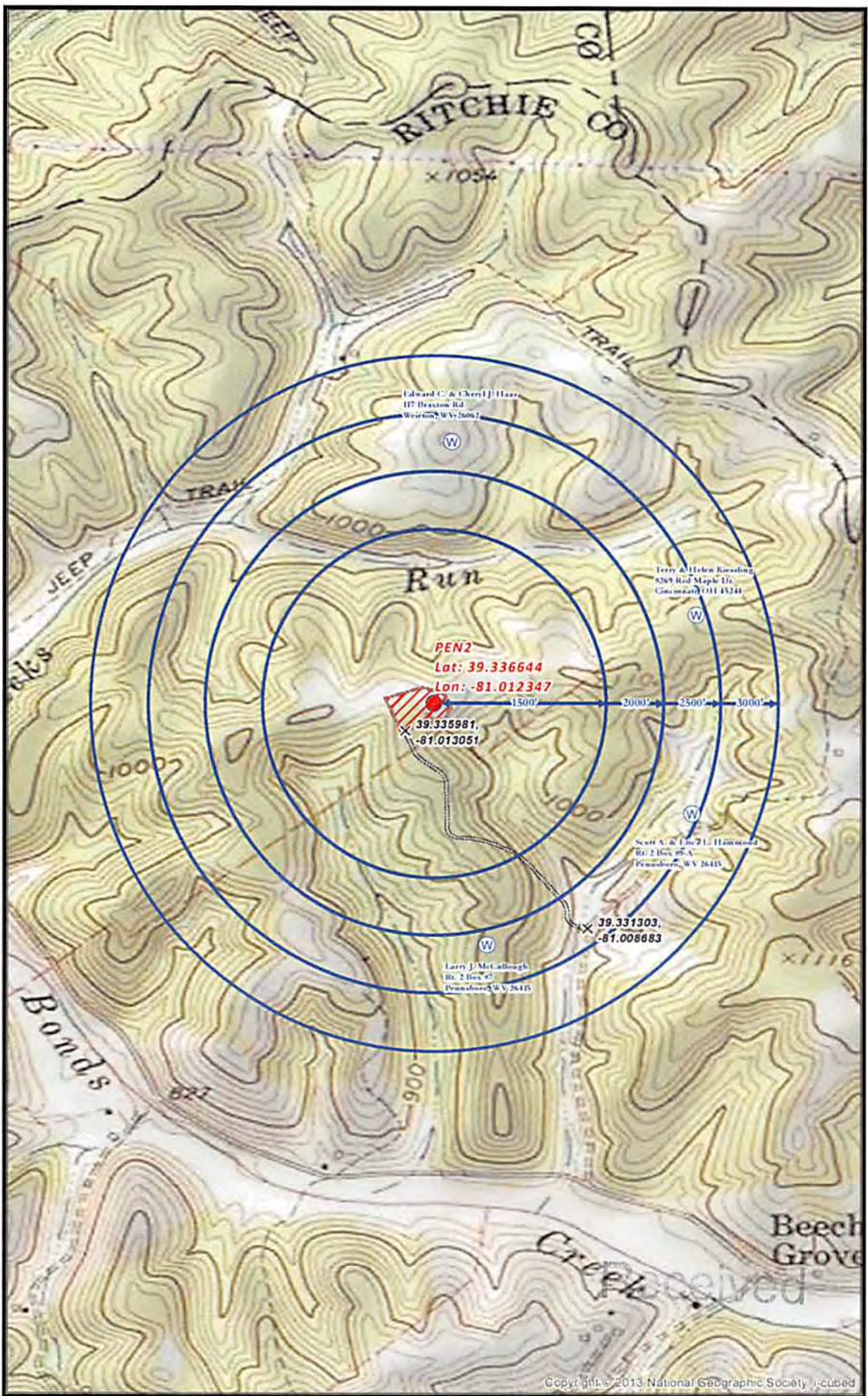
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,324± TMD: 16,001±

WELL OPERATOR NOBLE ENERGY, INC. DESIGNATED AGENT STEVEN M. GREEN  
 Address 333 TECHNOLOGY DRIVE, SUITE 116 Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590  
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

04/04/2014

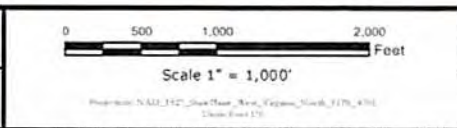


Plat spotted  
85 10070



**PENS2 SITE SAFETY PLAN**  
- WATER WELLS PROXIMITY -

Water Purveyor Buffer	Proposed Road
Road Intersection	Well Pac Boundary



WV Dept. of Environmental Protection  
 Division of Environmental Protection  
 Christopher Okers  
 Date: 7/31/2013  
 Disclaimer: All data is licensed for use by Noble Energy Inc. use only.

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