

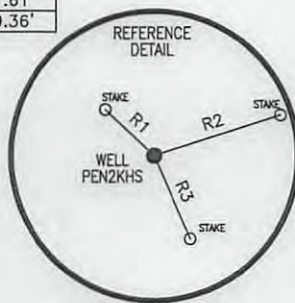
NOTES:

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.

Well is located on topo map 13,967' feet south of Latitude: 39° 22' 30"

LINE	BEARING	DISTANCE
R1	N 46°59'57" W	139.41'
R2	N 72°17'41" E	277.09'
R3	S 23°43'29" E	187.89'
R4	N 58°14'58" W	1793.71'
R5	N 18°54'58" W	1811.61'
R6	N 16°39'29" E	1649.36'

LEGEND	
	- TOPO MAP POINT
	- WELL
	- ALL ARE POINTS UNLESS OTHERWISE NOTED.
	- WATER SOURCE
	- 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



SURFACE HOLE LOCATION (SHL)	
UTM 17-NAD83	N:4354134.31
	E:4989111.19
NAD27, WV NORTH	N:308292.89
	E:1572124.72
LAT/LON DATUM-NAD83	LAT:39.336633
	LO: -81.012634

APPROX. LANDING POINT	
UTM 17-NAD83	N:4353999.01
	E:498504.59
NAD27, WV NORTH	N:307871.20
	E:1570783.02
LAT/LON DATUM-NAD83	LAT:39.335414
	LO: -81.017352

BOTTOM HOLE LOCATION (BHL)	
UTM 17-NAD83	N:4355725.34
	E:497007.50
NAD27, WV NORTH	N:313618.34
	E:1565964.83
LAT/LON DATUM-NAD83	LAT:39.350965
	LO: -81.034731



Well is located on topo map 3,582' feet west of Longitude: 81° 00' 00"

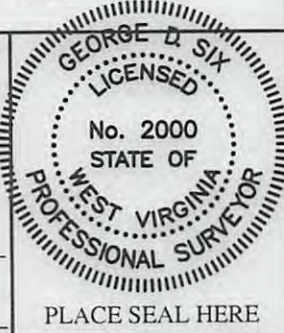
Blue Mountain Inc.
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

FILE #: PEN2KHS
DRAWING #: PEN2KHS
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: OCTOBER 15, 2013
OPERATOR'S WELL #: PEN2KHS
API WELL #: 47 85 10075
STATE COUNTY PERMIT

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

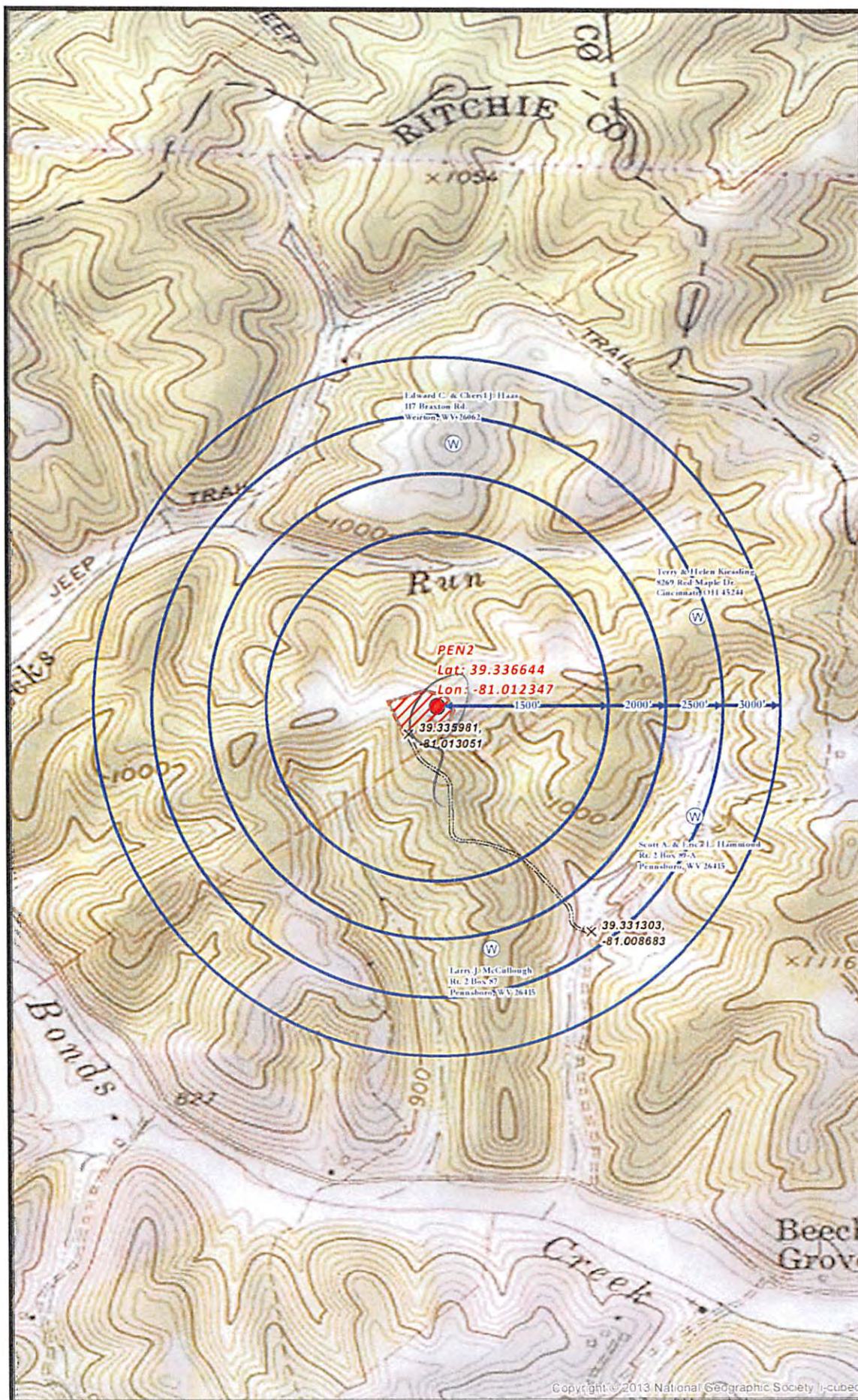
WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1083.76'±
COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: ELLENBORO, WV 7.5'
SURFACE OWNER: TERRY & HELEN KIESSLING ACREAGE: 79.242±
OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 511.984±

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: 6,314'± TMD: 14,781'±
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

11/01/2013

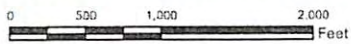
Plat spotted over
85 10075



over

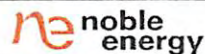
PENS2 SITE SAFETY PLAN
- WATER WELLS PROXIMITY -

- Water Puncture Buffer
- Proposed Road
- Road Intersection
- Rail Pac Boundary



Scale 1" = 1,000'

Projection: NAD_1983_Web_Mercator_Auxiliary_Spheroid_NAD_1983_Web_Mercator
Units: Feet U.S.



Date: 7/31/2013

Author: Christopher G. Carter

Disclaimer: All data is licensed for use by Noble Energy Inc. use only.

