

Well is located on topo map 1,962 feet south of Latitude: 39° 20' 00"

Well is located on topo map 7,352 feet west of Longitude: 81° 00' 00"

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.

SURFACE HOLE LOCATION (SHL)

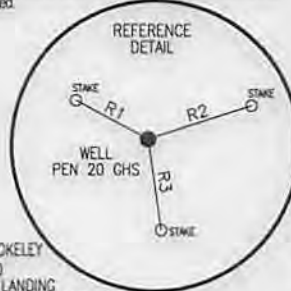
UTM 17-NAD83
N:4353170.70
E:497759.89
NAD27, WV NORTH
N:305193.946
E:1568293.818
LAT/LON DATUM-NAD83
LAT:39.3279483
LON:-81.0259902

APPROX. LANDING POINT

UTM 17-NAD83
N:4353427.58
E:497905.78
NAD27, WV NORTH
N:306028.909
E:1568786.659
LAT/LON DATUM-NAD83
LAT:39.3302634
LON:-81.0242983

BOTTOM HOLE LOCATION (BHL)

UTM 17-NAD83
N:4354724.24
E:496780.32
NAD27, WV NORTH
N:310345.670
E:1565164.467
LAT/LON DATUM-NAD83
LAT:39.3419439
LON:-81.0373627



LEGEND

- + - TOPO MAP POINT
 - ☼ - WELL
 - - ALL ARE POINTS UNLESS OTHERWISE NOTED.
 - ⊙ - WATER SOURCE
 - ⊙ - LEASE NUMBER BASED ON ATTACHED WW-841
 - - - - - MINERAL TRACT BOUNDARY
 - - - - - PARCEL LINES
 - - - - - WELL REFERENCE
 - - - - - PROPOSED HORIZONTAL WELL
 - - - - - ROAD
 - - - - - STREAM CENTER LINE
 - - EXISTING WELLS
 - ⊙ - PLUGGED WELLS
- WELLS WITHIN 3000'

LINE	BEARING	DISTANCE
R1	N 61°59'43" W	170.37'
R2	N 72°12'06" E	226.34'
R3	S 08°15'07" E	189.05'
R4	S 72°41'01" E	444.59'
R5	S 20°32'01" W	1799.12'
R6	N 74°29'26" W	2763.69'

TRACT	LESSOR
1	LAWRENCE B. & ANGELA COKELEY
2	LAWRENCE B. & ANGELA COKELEY ET AL
3	LAWRENCE B. & ANGELA COKELEY
4	JERRY R. BOND
5	LOUANNA CONKLIN ET AL
6	RODNEY W. RITCHIE
7	RODNEY W. RITCHIE
8	DONALD O. TOOTHMAN ET AL
9	LAEUNA MAE WILLIAMSON

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

FILE #: PEN 20 GHS
DRAWING #: PEN 20 GHS
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

GEORGE D. SIX
LICENSED
No. 2000
STATE OF
WEST VIRGINIA
PROFESSIONAL SURVEYOR

PLACE SEAL HERE

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



DATE: JULY 28, 2014
OPERATOR'S WELL #: PEN 20 GHS
API WELL #: 47 85 1012946A
STATE COUNTY PERMIT

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

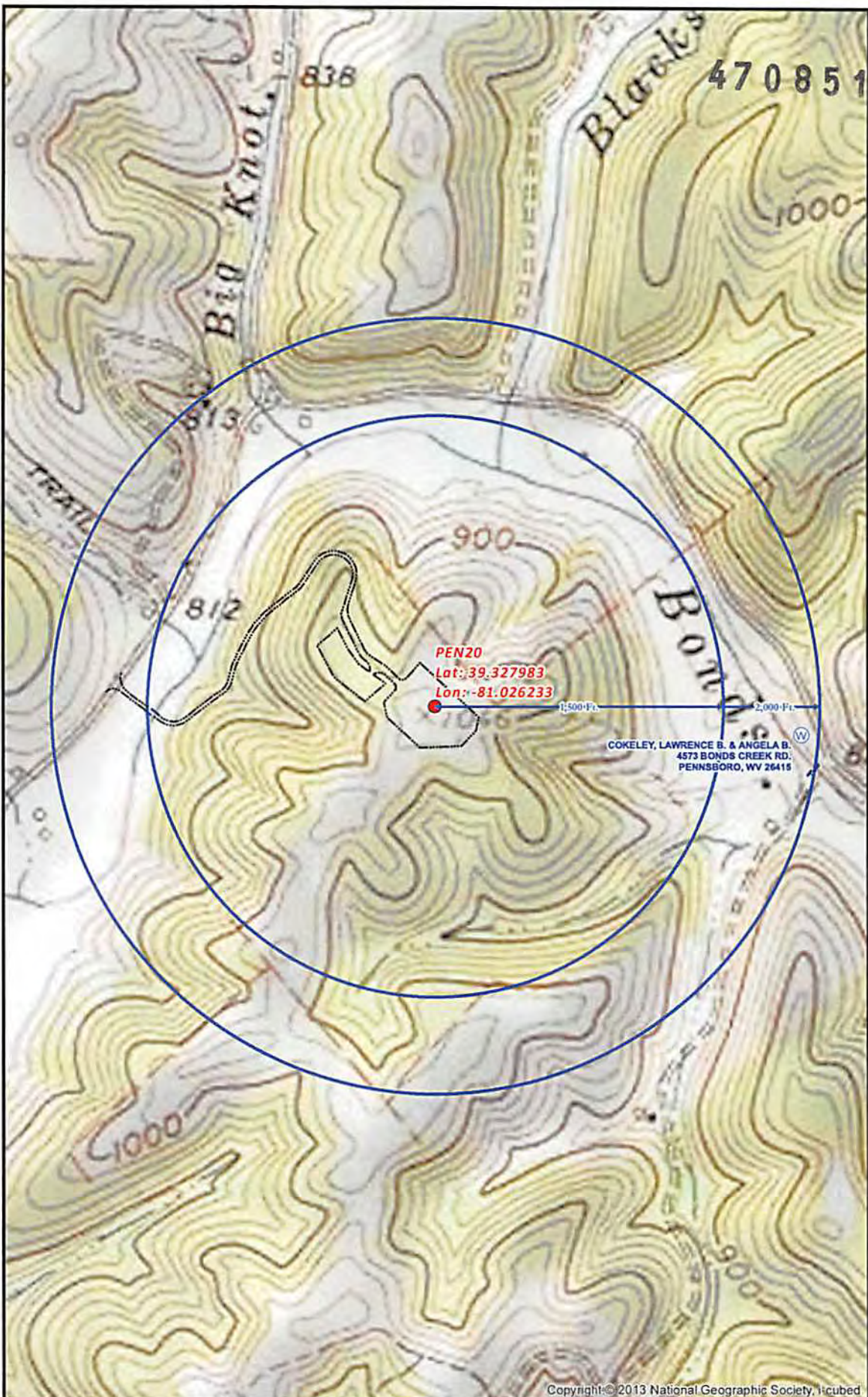
WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1081±
COUNTY/DISTRICT: RICHTIE / CLAY QUADRANGLE: ELLENBORO, WV 7.5'
SURFACE OWNER: LAWRENCE & ANGELA COKELEY ACREAGE: 126.17±
OIL & GAS ROYALTY OWNER: LAWRENCE B. & ANGELA COKELEY ACREAGE: 582.640±

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: 6,220± TMD: 12,435±
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

08/08/2014

4708510129

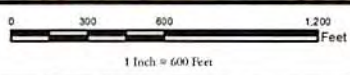


PEN20
 Lat: 39.327983
 Lon: -81.026233

COKELEY, LAWRENCE B. & ANGELA B.
 4573 BONDS CREEK RD.
 PENNSBORO, WV 26415

Copyright © 2013 National Geographic Society, Inc. cubed

PEN20 SITE SAFETY PLAN
 - WATER WELL PURVEYORS -



- Well Pad
- Spring
- Water Well
- Bridge
- Proposed Road
- Water Wells Buffer
- Parcels

Projection: NAD 1927 StatePlane West Virginia North FIPS 4701
 Units: Foot US

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



Date: 2/19/2014
 Author: Christopher Glover

 6
 6