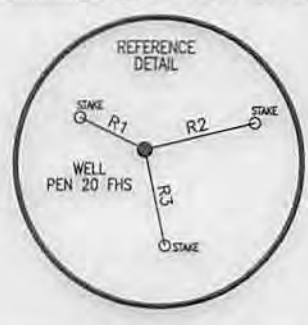
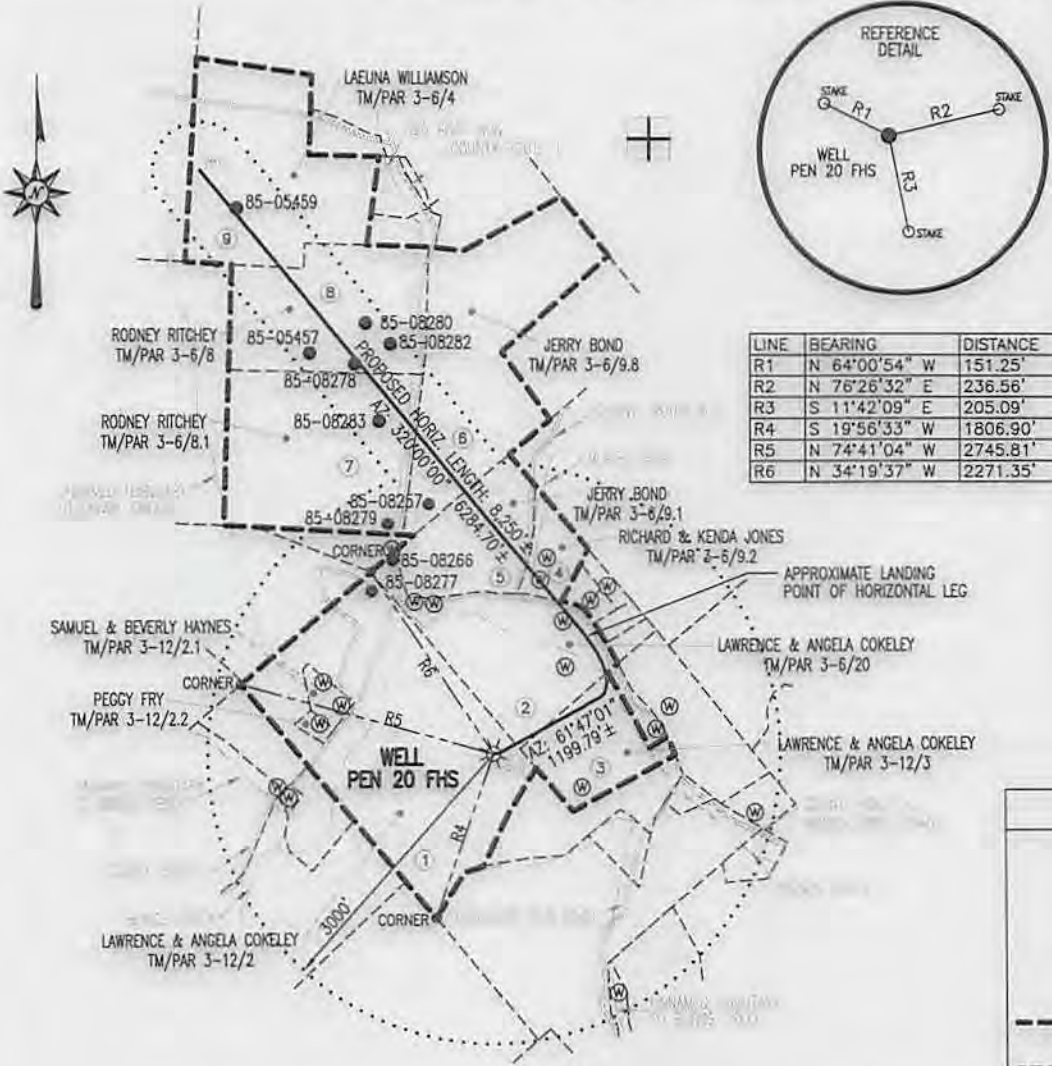


10110

Well is located on topo map 1,948 feet south of Latitude: 39° 20' 00"

Well is located on topo map 7,367 feet west of Longitude: 81° 00' 00"



LINE	BEARING	DISTANCE
R1	N 64°00'54\" W	151.25'
R2	N 76°26'32\" E	236.56'
R3	S 11°42'09\" E	205.09'
R4	S 19°56'33\" W	1806.90'
R5	N 74°41'04\" W	2745.81'
R6	N 34°19'37\" W	2271.35'

SURFACE HOLE LOCATION (SHL)
UTM 17-NAD83
 N:4353174.81
 E:497755.32
 NAD27, WV NORTH
 N:305207.675
 E:1568279.056
 LAT/LON DATUM-NAD83
 LAT:39.3279853
 LON:-81.0260432

APPROX. LANDING POINT
UTM 17-NAD83
 N:4353545.33
 E:498045.77
 NAD27, WV NORTH
 N:306407.617
 E:1569252.509
 LAT/LON DATUM-NAD83
 LAT:39.3313247
 LON:-81.0226744

BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83
 N:4354991.46
 E:496790.58
 NAD27, WV NORTH
 N:311221.977
 E:1565212.782
 LAT/LON DATUM-NAD83
 LAT:39.3443517
 LON:-81.0372450

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

- 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.

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

FILE #: PEN 20 FHS
 DRAWING #: PEN 20 FHS
 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: MAY 1, 2014
 OPERATOR'S WELL #: PEN 20 FHS
 API WELL #: 47 85 1012346A
 STATE COUNTY PERMIT

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

WATERSHED: NORTH FORK HUGHES RIVER ELEVATION: 1081'±
 COUNTY/DISTRICT: RITCHIE / CLAY QUADRANGLE: ELLENBORO, WV 7.5'
 SURFACE OWNER: LAWRENCE & ANGELA COKELEY ACREAGE: 126.17±
 OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 523.671±

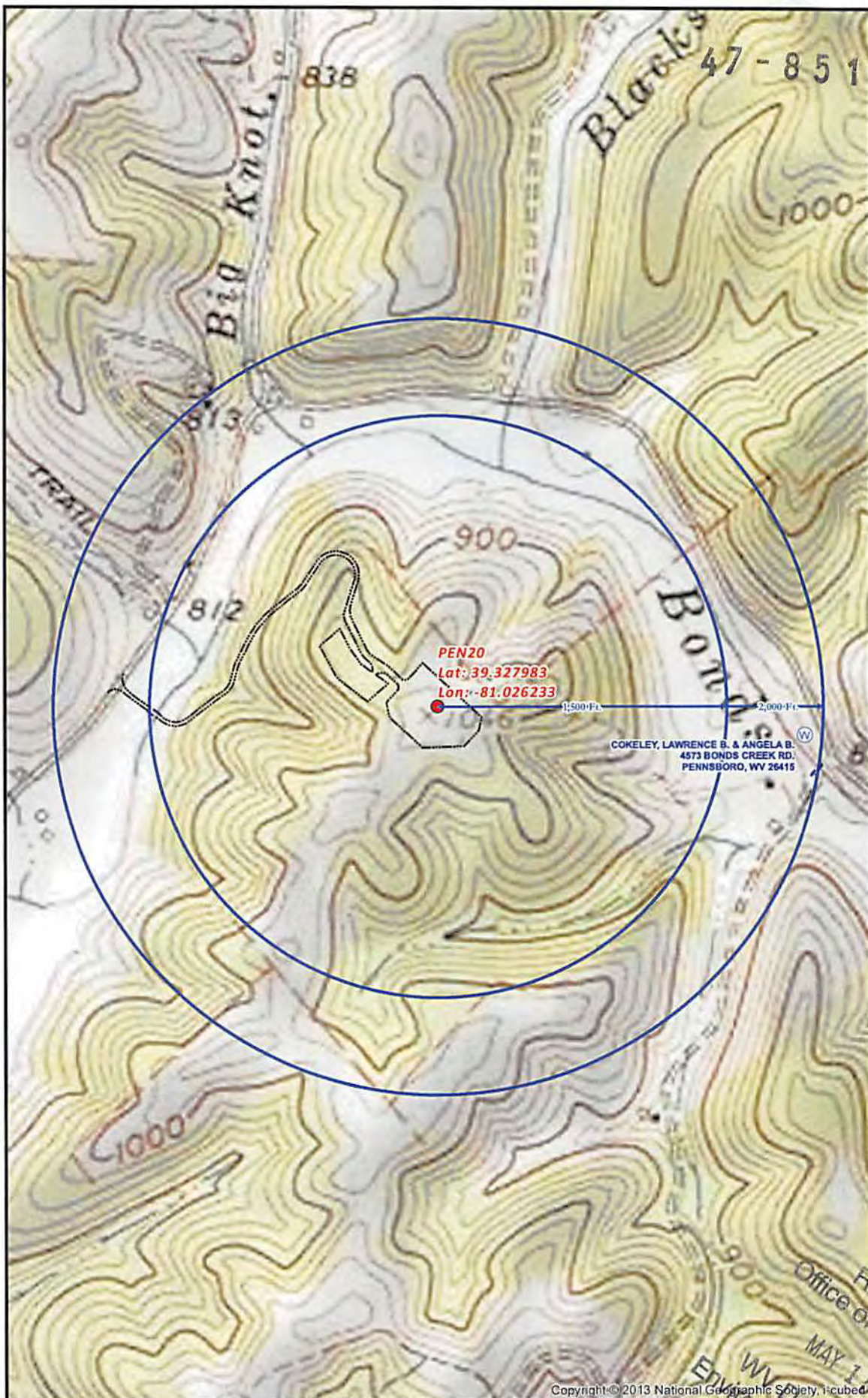
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,220'± TMD: 13,183'±
 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

08/01/2014

plat spotted ✓

47-8510123



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

PEN20
 Lat: 39.327983
 Lon: -81.026233

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RECEIVED
 Office of Oil and Gas
 MAY 15 2014
 WV Department of Environmental Protection

PEN20 SITE SAFETY PLAN
 - WATER WELL PURVEYORS -

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

0 300 600 1,200 Feet
 1 Inch = 600 Feet

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.****

MAY 15 2014
 WV Department of Environmental Protection