

Well is located on topo map 1.925 feet south of Latitude: 39° 20' 00"

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	BOTTOM HOLE LOCATION (BHL)
UTM 17-NAD83 N:4353181.80 E:497737.05 NAD27, WV NORTH N:305231.636 E:1568219.483 LAT/LON DATUM-NAD83 LAT:39.3280483 LON:-81.0262552	UTM 17-NAD83 N:4352995.07 E:497810.58 NAD27, WV NORTH N:304614.835 E:1568450.552 LAT/LON DATUM-NAD83 LAT:39.326366 LON:-81.025401	UTM 17-NAD83 N:4351519.08 E:499091.69 NAD27, WV NORTH N:299701.040 E:1572573.718 LAT/LON DATUM-NAD83 LAT:39.3130682 LON:-81.0105361

LEGEND	
	- TOPO MAP POINT
	- WELL
	- WATER SOURCE
	- LEASE NUMBER BASED ON ATTACHED WW-BAI
	- MINERAL TRACT BOUNDARY
	- PARCEL LINES
	- WELL REFERENCE
	- PROPOSED HORIZONTAL WELL
	- ROAD
	- STREAM CENTER LINE
WELLS WITHIN 3000'	
	- EXISTING WELLS
	- PLUGGED WELLS



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.

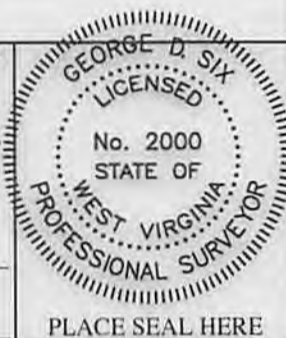
Blue Mountain Inc.
11023 MASON DIXON HIGHWAY
BURTON, WV 26562
PHONE: (304) 662-6486

TRACT	LESSOR
1	LAWRENCE B. & ANGELA COKELEY
2	LAWRENCE B. & ANGELA COKELEY ET AL
3	PHILLIP A. & REBECCA LOFTY ET AL
4	ARTHUR D. HALL ET AL
5	DONZIL LEROY BAKER ET AL

FILE #: PEN 20 LHS
DRAWING #: PEN 20 LHS
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: JULY 28, 2014
OPERATOR'S WELL #: PEN 20 LHS
API WELL #: 47 85 10108 HEA
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: LAWRENCE B. & ANGELA COKELEY ACREAGE: 408.175±

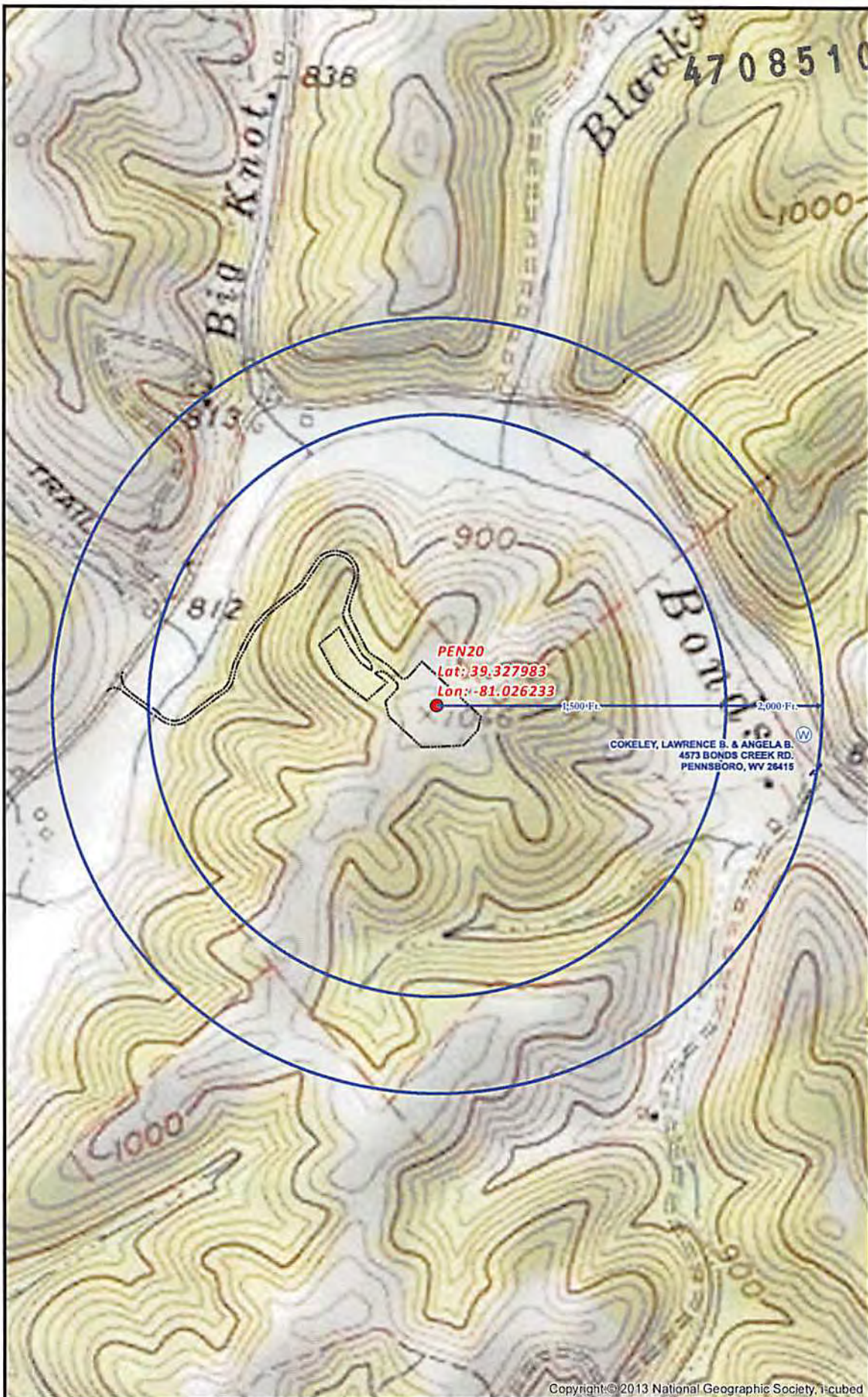
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG & ABANDON
CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY): _____

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,220± TMD: 13,012±

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

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PEN20 SITE SAFETY PLAN
- WATER WELL PURVEYORS -

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

0 300 600 1200 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.****

Date: 2/19/2014

Author: Christopher Glover

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