

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4423208.834
 E: 535385.813
 NAD27, WV NORTH
 N: 532957.789
 E: 1695596.345
 LAT/LON DATUM-NAD83
 LAT: 39.958280
 LON: -80.585703

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4423072.471
 E: 535222.252
 NAD27, WV NORTH
 N: 532519.299
 E: 1695052.159
 LAT/LON DATUM-NAD83
 LAT: 39.957058
 LON: -80.587626

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4423580.769
 E: 535006.927
 NAD27, WV NORTH
 N: 534199.122
 E: 1694373.465
 LAT/LON DATUM-NAD83
 LAT: 39.961646
 LON: -80.590119

- 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, and based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

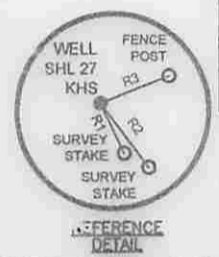
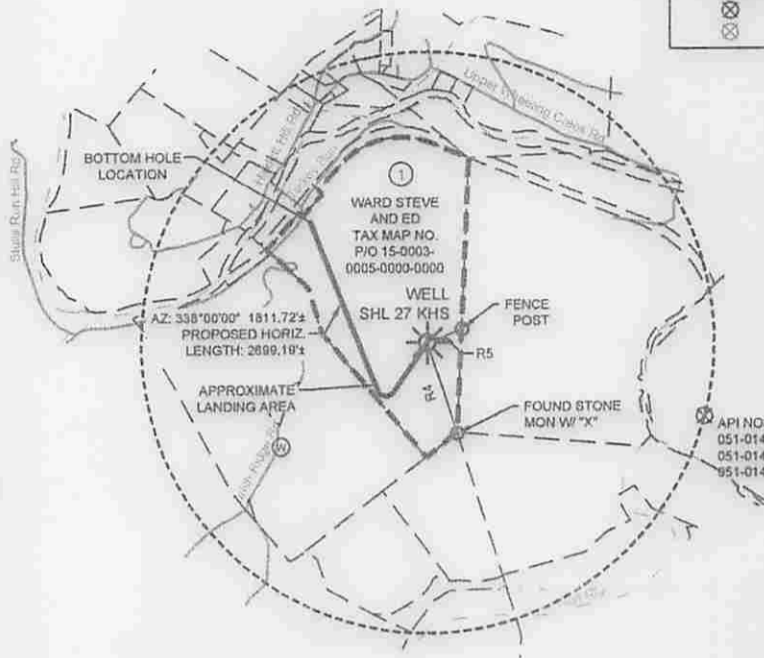
PVE Sheffler
 Waterfront Corporate Park III, Suite 101
 2000 Georgetowne Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMA#1 ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD

WELLS WITHIN 3000'

- EXISTING GAS WELL
- RECORD GAS WELL



LINE TABLE

LINE	BEARING	DISTANCE
R1	N25°32'42"W	288.47'
R2	N37°10'18"W	417.81'
R3	S58°47'17"W	388.79'
R4	N18°20'10"W	988.71'
R5	S88°47'17"W	388.79'

FILE #: SHL 27 KHS
 DRAWING #: SHL 27 KHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT U 124: 951.16'

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: *Charles Douglas Davidson*
 R.P.E.: _____ L.L.S.: P.S. NO. 819



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

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

WATERSHED: WHEELING CREEK
 COUNTY/DISTRICT: MARSHALL / WEBSTER
 SURFACE OWNER: STEVE WARD AND ED WARD
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC

DATE: NOVEMBER 18, 2014 - JANUARY 6, 2015
 OPERATOR'S WELL #: SHL 27 KHS
 API WELL # 47 051 01817 H64
 STATE COUNTY PERMIT

ELEVATION: 1171'
 QUADRANGLE: MAJORSVILLE, W. VA.
 ACREAGE: 122.47
 ACREAGE: 122.47

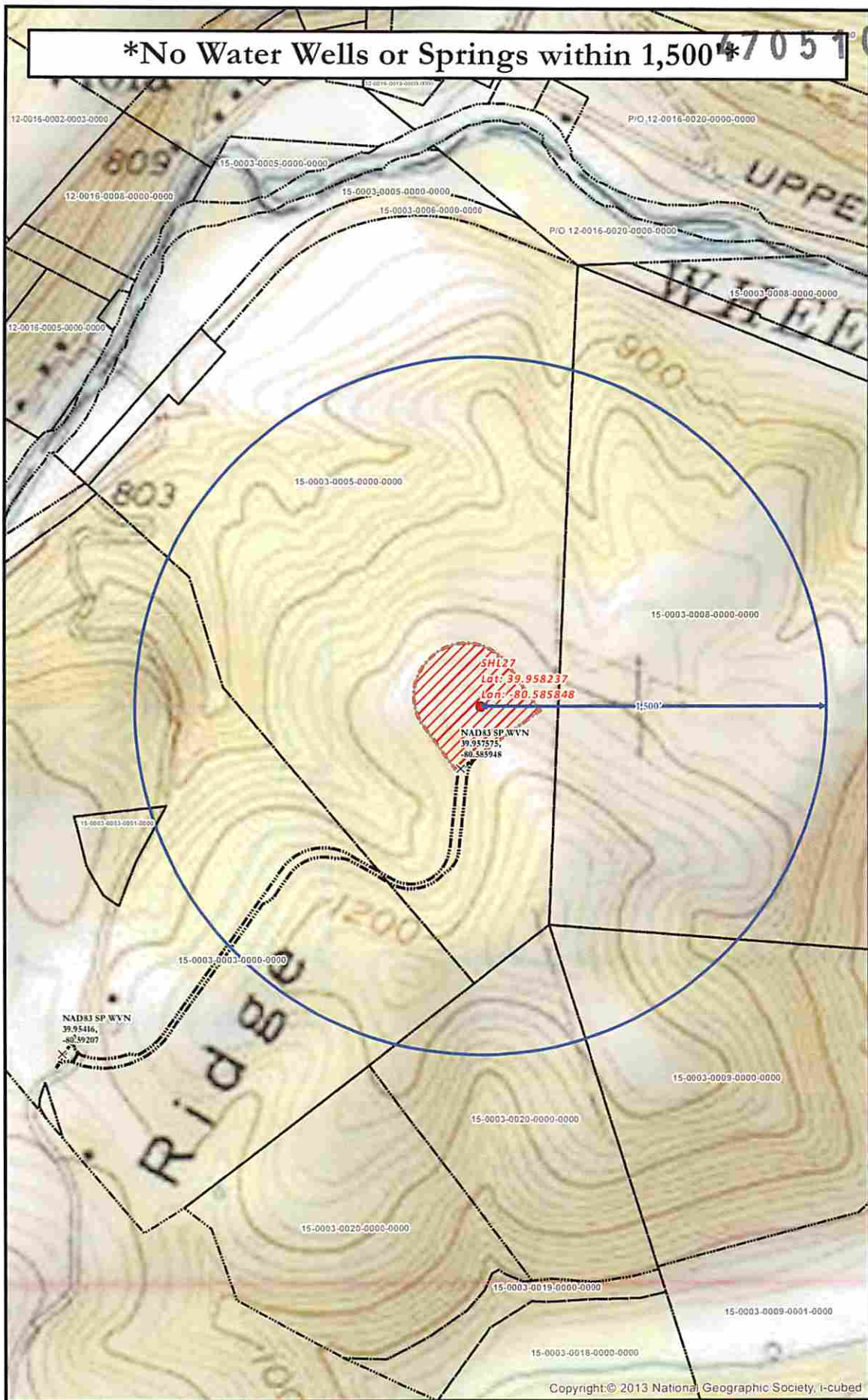
DRILL CONVERT DRILL DEEPER REDRILL FRACTURE OR STIMULATE
 PLUG OFF OLD FORMATION PERFORATE NEW FORMATION PLUG AND ABANDON
 CLEAN OUT & REPLUG OTHER CHANGE (SPECIFY)

TARGET FORMATION: MARCELLUS
 WELL OPERATOR: NOBLE ENERGY, INC.
 Address: 333 TECHNOLOGY DRIVE, SUITE 116
 City CANONSBURG State PA Zip Code 15317

ESTIMATED DEPTH: TVD: 6,527' ± TMD: 9,811' ±
 DESIGNATED AGENT: STEVEN M. GREEN
 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CHARLESTON State WV Zip Code 25301

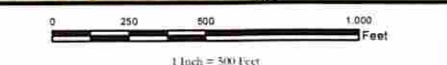
***No Water Wells or Springs within 1,500'**

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SHL 27 SITE SAFETY PLAN
- SITE WELL LOCATION -



Date: 12/9/2014

Author:
Christopher Glover



- Well Pad
- Spring
- Water Well
- X Intersection
- Access Road
- 1,500' Water Well Buffer
- Well Pad Boundary
- Surface Parcels (Resolved)

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.****