

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4423216.155
 E: 535395.557
 NAD27, WV NORTH
 N: 532981.280
 E: 1695628.719
 LAT/LON DATUM-NAD83
 LAT: 39.958345
 LON: -80.585589

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4423218.146
 E: 535557.645
 NAD27, WV NORTH
 N: 532978.907
 E: 1696160.706
 LAT/LON DATUM-NAD83
 LAT: 39.958356
 LON: -80.583691

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4423823.564
 E: 535301.178
 NAD27, WV NORTH
 N: 534979.692
 E: 1695352.335
 LAT/LON DATUM-NAD83
 LAT: 39.963822
 LON: -80.586661

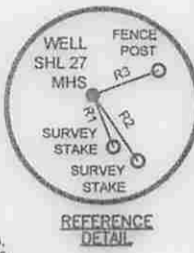
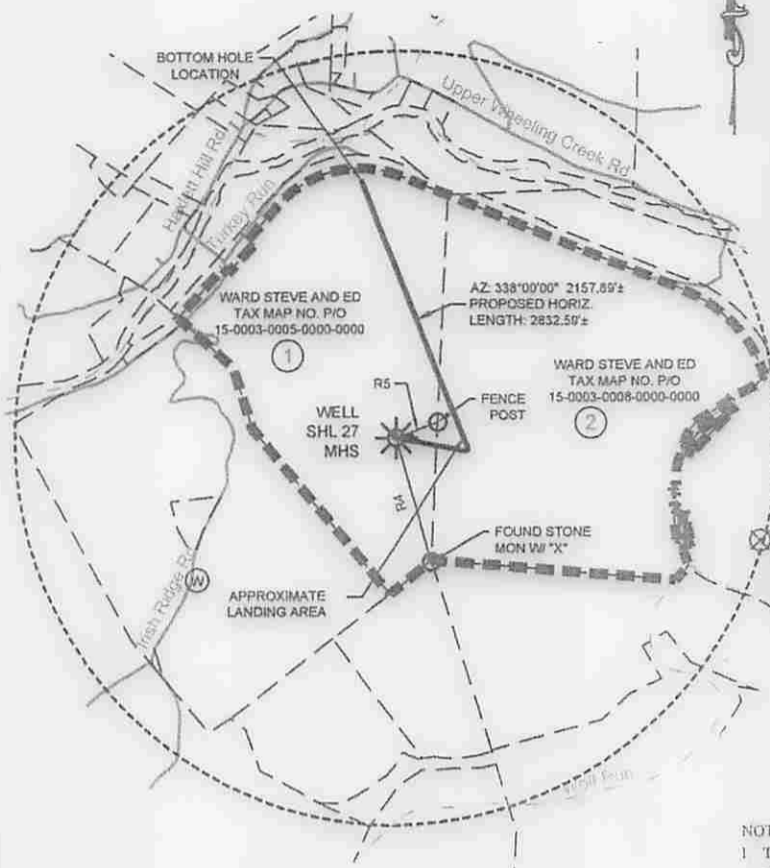
Well is located on topo map 15,173 feet south of Latitude: 40° 00' 00"

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WWSA1 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	N21°41'32"W	292.75'
R2	N34°25'44"W	417.87'
R3	S89°34'41"W	269.48'
R4	N16°15'12"W	1001.48'
R5	S70°27'16"W	350.26'

- 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, 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

FILE #: SHL 27 MHS
 DRAWING #: SHL 27 MHS
 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



DATE: NOVEMBER 18, 2014 - JANUARY 6, 2015
 OPERATOR'S WELL #: SHL 27 MHS
 API WELL # 47 051 01819 HGA
 STATE COUNTY PERMIT

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

WATERSHED: WHEELING CREEK ELEVATION: 1168'
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MAJORSVILLE, W. VA
 SURFACE OWNER: STEVE WARD AND ED WARD ACREAGE: 122.47
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC 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)

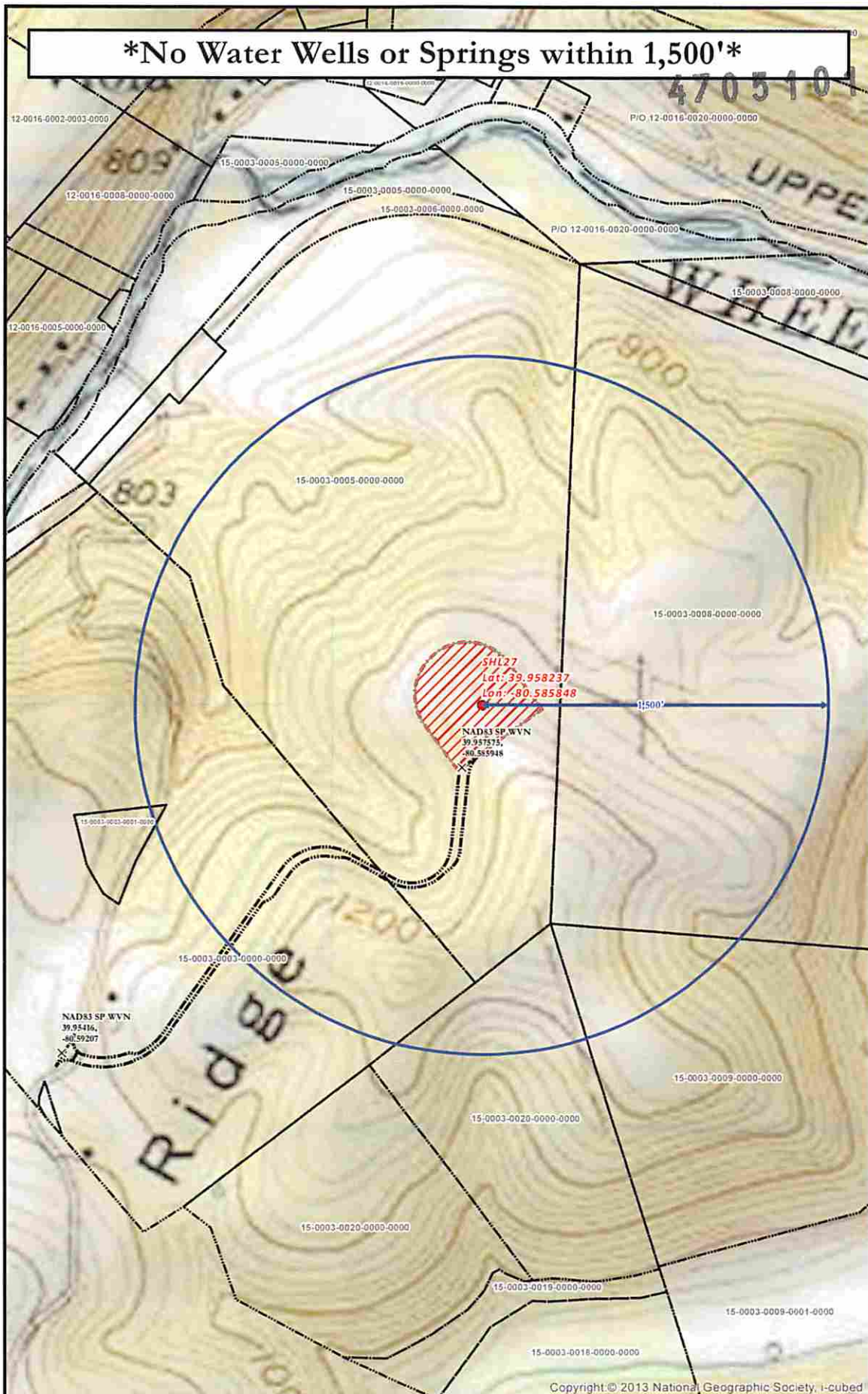
TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,527' ± TMD: 9,957' ±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GREEN
 Address: 333 TECHNOLOGY DRIVE, SUITE 116 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

04/03/2015

Well is located on topo map 632 feet west of Longitude: 80° 35' 00"

No Water Wells or Springs within 1,500'

4705101819



SHL 27 SITE SAFETY PLAN
- SITE WELL LOCATION -



Date: 12/9/2014
Author:
Christopher Glover

- Well Pad
- Spring
- ⊗ Water Well
- ⊗ 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.****

