

Well is located on topo map 680 feet west of Longitude: 80° 35' 00"

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4423205.173
 E: 535380.941
 NAD27, WV NORTH
 N: 532946.044
 E: 1695580.158
 LAT/LON DATUM-NAD83
 LAT: 39.958247
 LON: -80.585760

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4423018.020
 E: 535046.766
 NAD27, WV NORTH
 N: 532350.259
 E: 1694473.334
 LAT/LON DATUM-NAD83
 LAT: 39.956574
 LON: -80.589683

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4423435.294
 E: 534870.001
 NAD27, WV NORTH
 N: 533729.265
 E: 1693916.178
 LAT/LON DATUM-NAD83
 LAT: 39.960341
 LON: -80.591730

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.

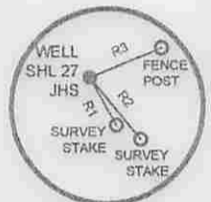
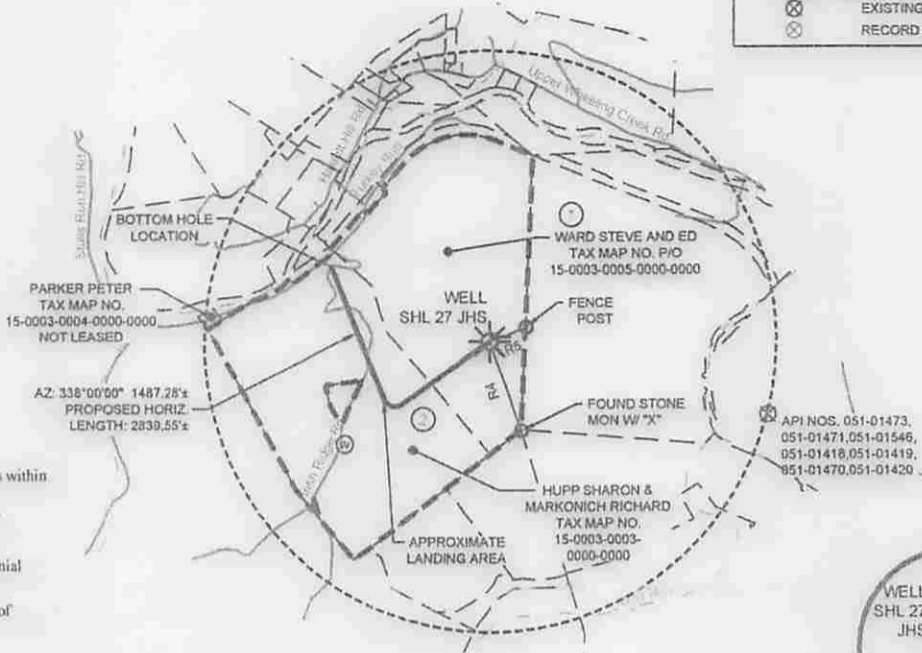
PVE Sheffler
 Waterfront Corporate Park III, Suite 101
 2000 Georgetowne Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMA1 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	N29°29'42"W	285.54'
R2	N39°54'32"W	418.71'
R3	S89°04'24"W	408.16'
R4	N19°32'53"W	982.87'
R5	S88°04'24"W	408.16'

FILE #: SHL 27 JHS
 DRAWING #: SHL 27 JHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE: USGS MONUMENT
 OF ELEVATION: 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 JHS
 API WELL # 47 051 0181/660A
 STATE COUNTY PERMIT

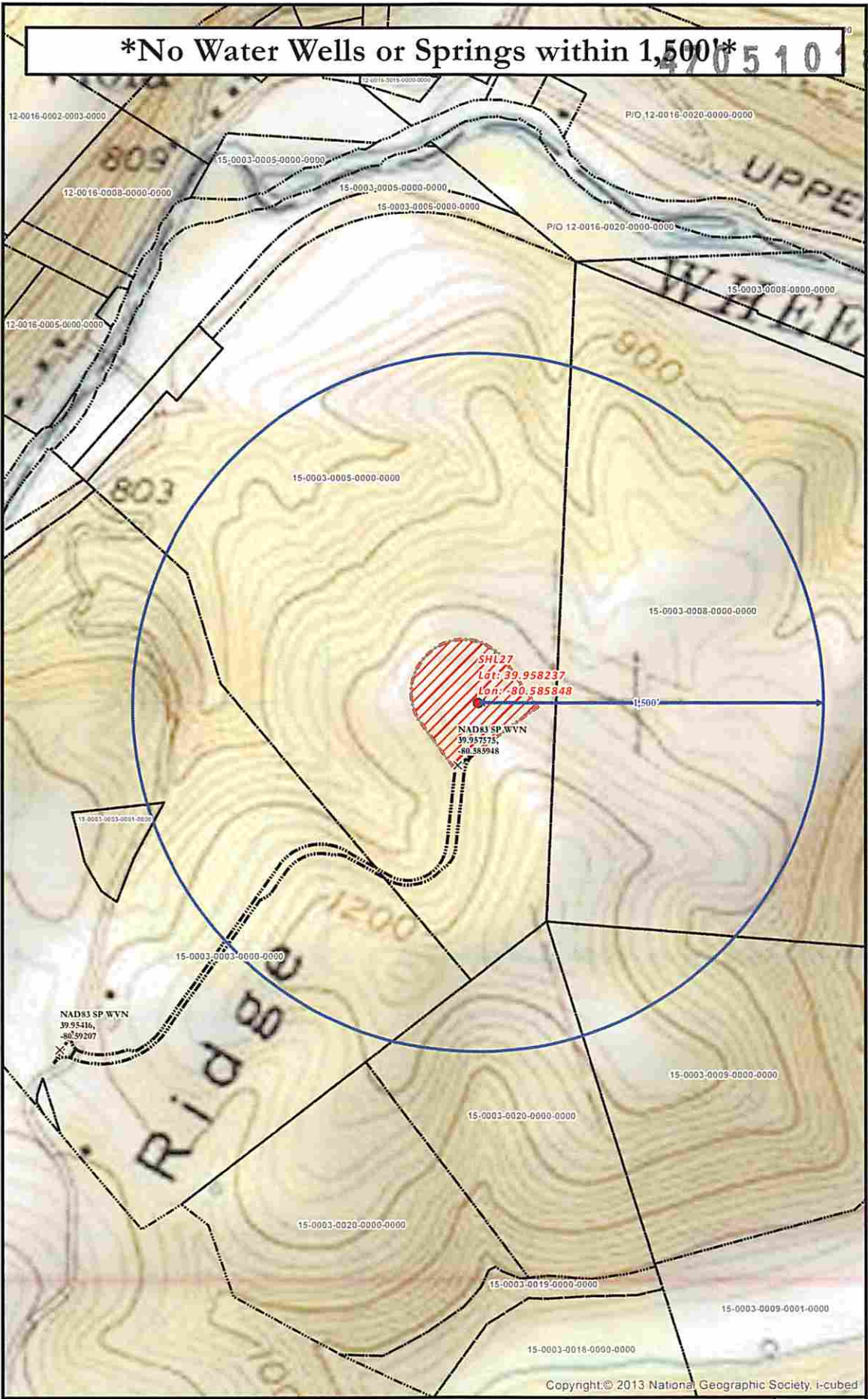
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

WATERSHED: WHEELING CREEK ELEVATION: 1172'
 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: 9,287' ±
 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

No Water Wells or Springs within 1,500'



SHL 27 SITE SAFETY PLAN
- SITE WELL LOCATION -

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

0 250 500 1,000 Feet
 1 Inch = 500 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: 12/9/2014

Author:
Christopher Glover

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