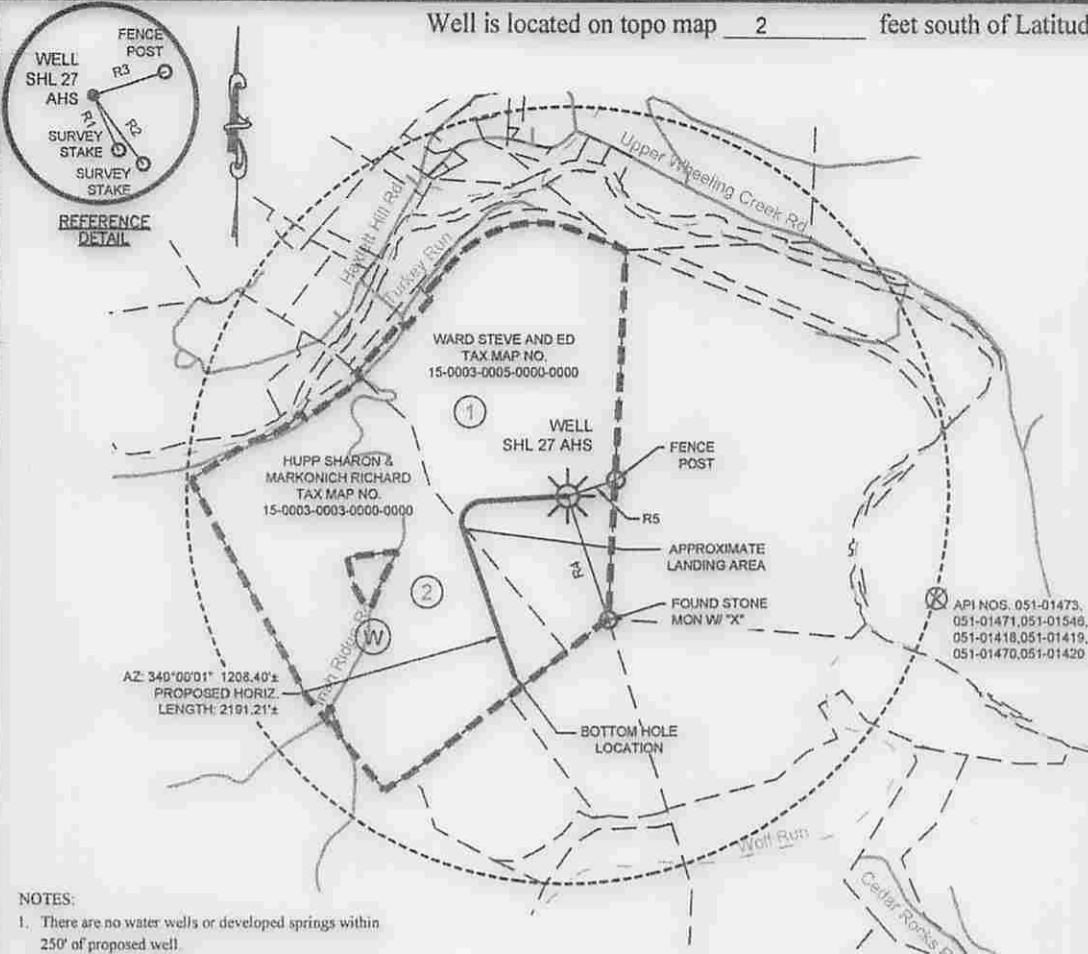


Well is located on topo map 2 feet south of Latitude: 39° 57' 00"

Well is located on topo map 681 feet west of Longitude: 80° 35' 00"



**SURFACE HOLE LOCATION (SHL)**

UTM 17 - NAD83  
 N: 4423214.437  
 E: 535381.603  
 NAD27 - WV NORTH  
 N: 532976.406  
 E: 1695582.838  
 LAT/LON DATUM-NAD83  
 LAT: 39.958330  
 LON: -80.585752

**APPROX. LANDING POINT**

UTM 17 - NAD83  
 N: 4423133.133  
 E: 535131.203  
 NAD27 - WV NORTH  
 N: 532723.363  
 E: 1694756.717  
 LAT/LON DATUM-NAD83  
 LAT: 39.957608  
 LON: -80.588688

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83  
 N: 4422789.298  
 E: 535262.902  
 NAD27 - WV NORTH  
 N: 531587.826  
 E: 1695170.018  
 LAT/LON DATUM-NAD83  
 LAT: 39.954505  
 LON: -80.587165

**LINE TABLE**

LINE	BEARING	DISTANCE
R1	N26°18'39"W	311.12'
R2	N37°08'31"W	440.81'
R3	S72°00'50"W	395.27'
R4	N18°49'44"W	1010.86'
R5	S72°00'50"W	395.27'

- 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

**WATER WELLS:  
 NONE FOUND**

**LEGEND**

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WM6A1
- 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

FILE #: SHL 27 AHS  
 DRAWING #: SHL 27 AHS  
 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: OCTOBER 16, 2014 - REV. JANUARY 6, 2015  
 OPERATOR'S WELL #: SHL 27 AHS  
 API WELL # 47 051 01813 H6A  
 STATE COUNTY PERMIT

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

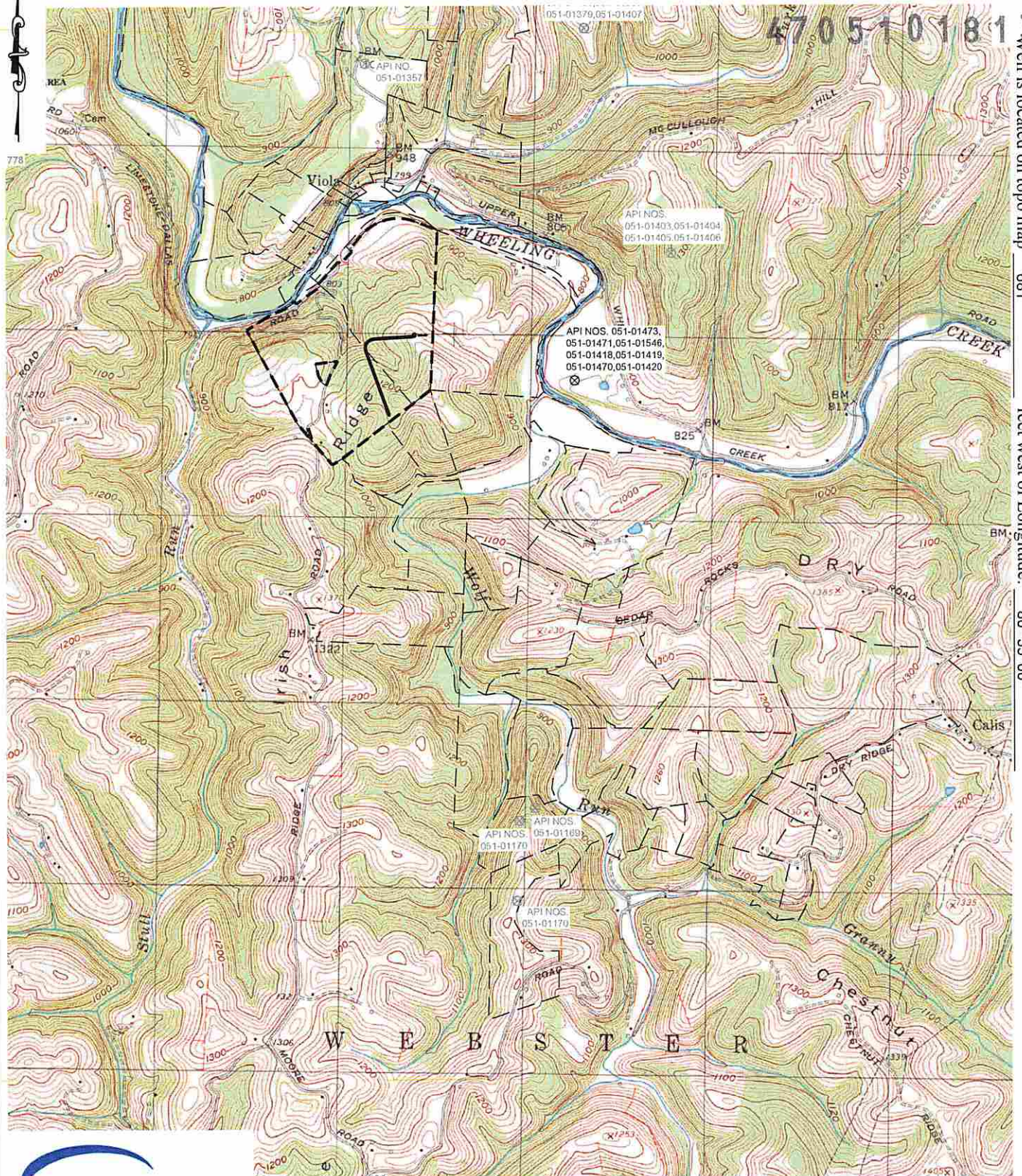
WATERSHED: WHEELING CREEK ELEVATION: 1,169.0'  
 COUNTY/DISTRICT: MARSHALL / WEBSTER QUADRANGLE: MAJORSVILLE, W. VA  
 SURFACE OWNER: STEVE WARD AND ED WARD ACREAGE: 122.47  
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC ACREAGE: 122.47

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: 9,008' ±  
 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

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Received  
Office of Oil & Gas  
JAN 20 2015

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