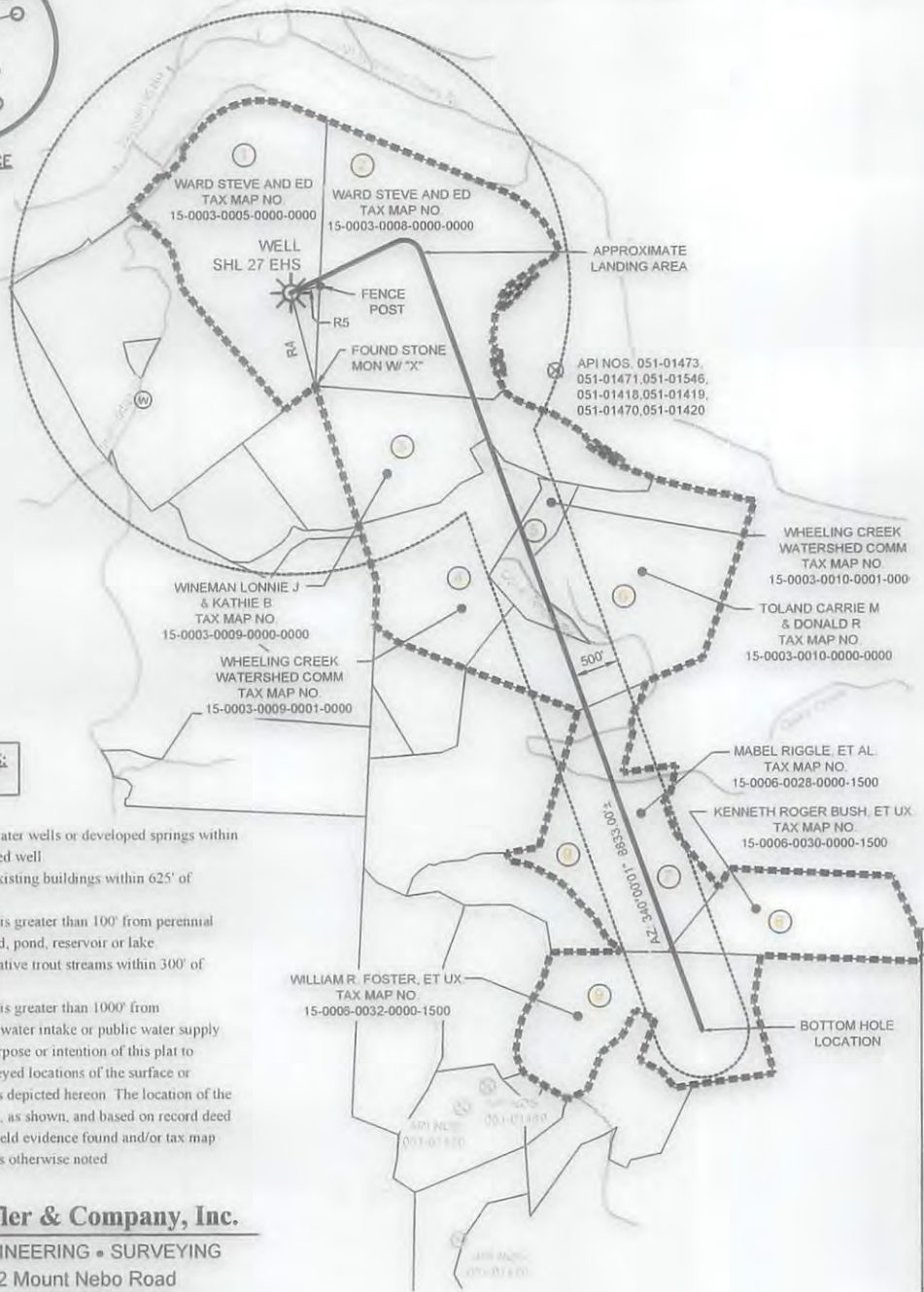
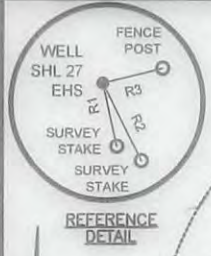


Well is located on topo map 15,131 feet south of Latitude: 40° 00' 00"

Well is located on topo map 613 feet west of Longitude: 80° 35' 00"



SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4423229.080
 E: 535401.090
 NAD27, WV NORTH
 N: 533023.387
 E: 1695647.585
 LAT/LON DATUM-NAD83
 LAT: 39.958461
 LON: -80.585523

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4423368.754
 E: 535824.060
 NAD27, WV NORTH
 N: 533458.492
 E: 1697043.178
 LAT/LON DATUM-NAD83
 LAT: 39.959702
 LON: -80.580564

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4420854.503
 E: 536787.093
 NAD27, WV NORTH
 N: 525155.009
 E: 1700065.399
 LAT/LON DATUM-NAD83
 LAT: 39.937008
 LON: -80.569431

LINE TABLE

LINE	BEARING	DISTANCE
R1	N12°39'07"W	333.98'
R2	N26°47'16"W	446.43'
R3	S76°26'15"W	320.13'
R4	N14°36'05"W	1037.06'
R5	S76°26'15"W	320.13'

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMBA1
- 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

WATER WELLS: NONE FOUND

- 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 herein. 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

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road
 Sewickley, PA 15143
 Office Phone: 412-219-4509
 Email: Info@ShefflerCo.com

FILE #: SHL 27 EHS
 DRAWING #: SHL 27 EHS
 SCALE: 1"=2000'
 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: [Signature]
 R.P.E.: _____ L.L.S.: P.S. NO. _____



(+) 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 ELEVATION: 1,158.6'
 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

DATE: OCTOBER 16, 2014 - REV. APRIL 28, 2017

OPERATOR'S WELL #: SHL 27 EHS

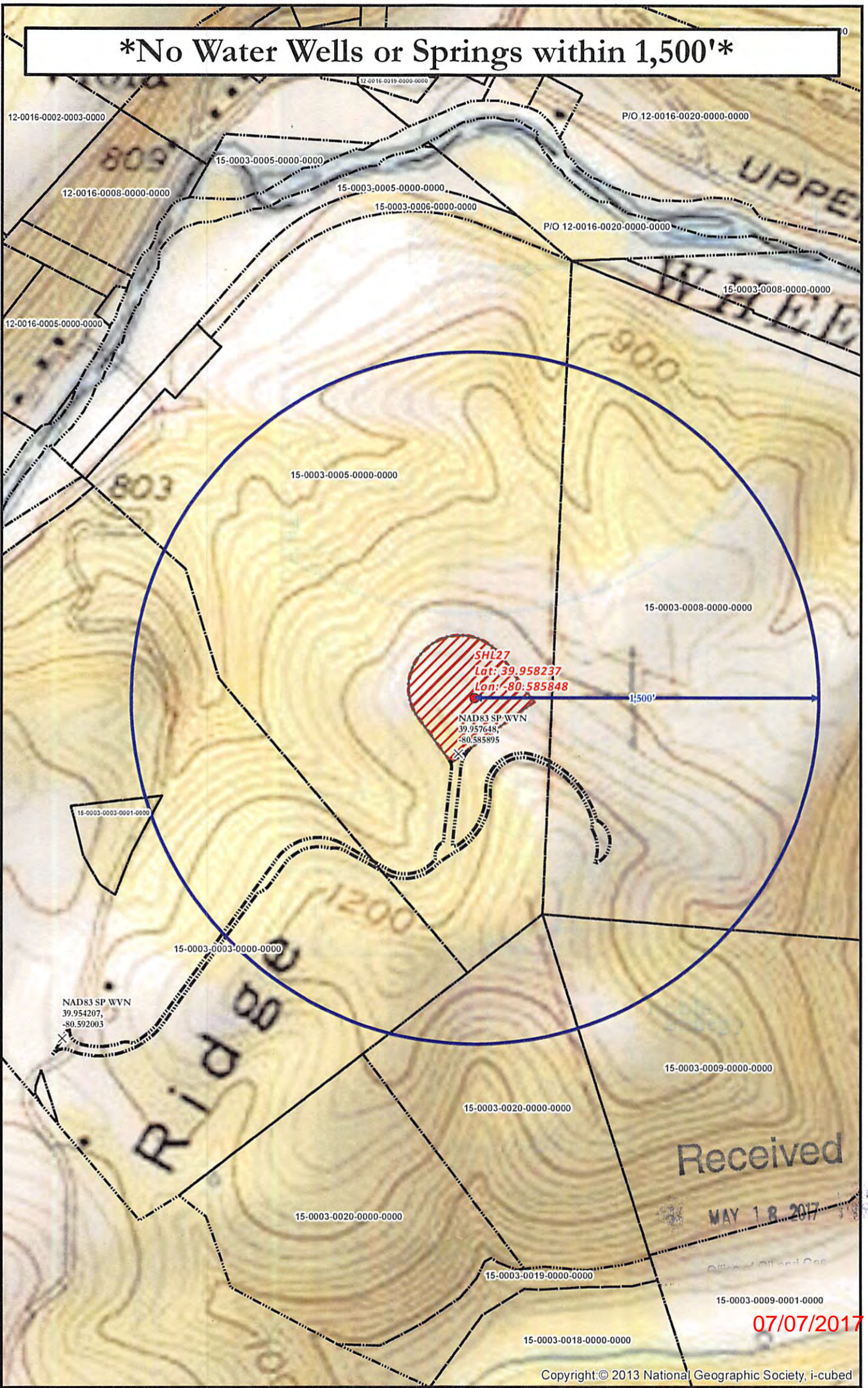
API WELL # 47 051 01939
 STATE COUNTY PERMIT

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: 16,633' ±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN GREENE
 Address: 1000 NOBLE ENERGY DRIVE Address: 300 SUMMERS STREET, SUITE 1000
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

07/07/2017

No Water Wells or Springs within 1,500'



SHL27
Lat: 39.958237
Lon: -80.585848

NAD83 SP WVN
39.957648
-80.585895

NAD83 SP WVN
39.954207
-80.592003

Received

MAY 18 2017

07/07/2017

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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: 10/31/2014
Author: Christopher Glover

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