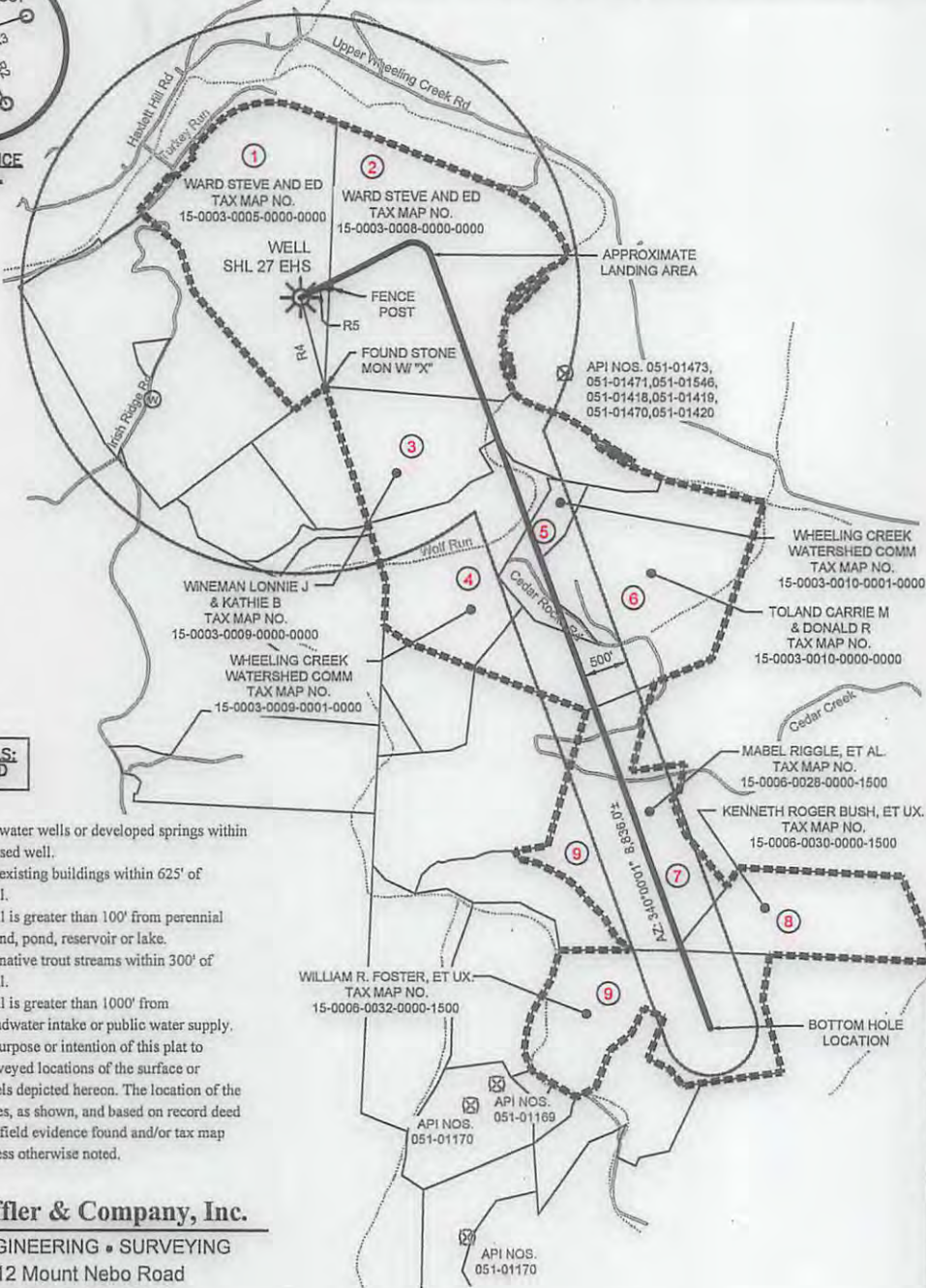
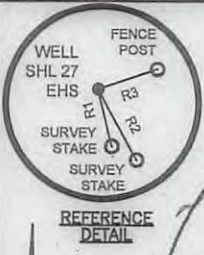


Well is located on topo map 15,131 feet south of Latitude: 40° 00' 00"

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



SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4423219.809
 E: 535400.427
 NAD27, WV NORTH
 N: 532993.000
 E: 1695644.900
 LAT/LON DATUM-NAD83
 LAT: 39.958378
 LON: -80.585532

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	N13°45'29"W	305.39'
R2	N28°31'15"W	420.29'
R3	S71°26'25"W	327.73'
R4	N14°59'29"W	1008.65'
R5	S71°26'25"W	327.73'

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

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 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.

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

WELLS WITHIN 3000'
 EXISTING GAS WELL
 RECORD GAS WELL

FILE #: SHL 27 EHS
 DRAWING #: SHL 27 EHS
 SCALE: 1"=2000'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE: 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:
 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
 COUNTY/DISTRICT: MARSHALL / WEBSTER
 SURFACE OWNER: STEVE WARD AND ED WARD
 OIL & GAS ROYALTY OWNER: BOUNTY MINERALS, LLC



DATE: OCTOBER 16, 2014 - REV. SEPTEMBER 8, 2017
 OPERATOR'S WELL #: SHL 27 EHS
 API WELL # 47 051 01939m6b
 STATE COUNTY PERMIT
 H6A

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: HG ENERGY II APPALACHIA, LLC
 Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101

ESTIMATED DEPTH: TVD: 6,200' ± TMD: 15,906' ±
 DESIGNATED AGENT: DIANE WHITE
 Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101

11/03/2017

Well is located on topo map 7,769 feet south of Latitude: 39° 57' 30"

Well is located on topo map 7,765 feet west of Longitude: 80° 32' 30"



Sheffler & Company, Inc.

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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



DATE: OCTOBER 16, 2014 - REV. SEPTEMBER 8, 2017
 OPERATOR'S WELL #: SHL 27 EHS
 API WELL # 47 051 01939 AGA
 STATE COUNTY PERMIT
MOA

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

11/03/2017

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: 6,200' ± TMD: 15,906' ±
 WELL OPERATOR: HG ENERGY II APPALACHIA, LLC DESIGNATED AGENT: DIANE WHITE
 Address: 5260 DUPONT ROAD Address: 5260 DUPONT ROAD
 City PARKERSBURG State WV Zip Code 26101 City PARKERSBURG State WV Zip Code 26101