

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4363427.448(m)
 E: 515356.145(m)
 NAD27, WV NORTH
 N: 337886.182(ft)
 E: 1626598.496(ft)
 LAT/LON - NAD83
 LAT: N39.4202356
 LON: W80.8216004

APPROXIMATE LANDING POINT
 UTM 17 - NAD83
 N: 4363190.061(m)
 E: 515761.987(m)
 NAD27, WV NORTH
 N: 337084.935(ft)
 E: 1627917.271(ft)
 LAT/LON - NAD83
 LAT: N39.4180893
 LON: W80.8198912

SHL is located on topo map **13,877** feet south of Latitude: **39° 27' 30"**
 BHL is located on topo map **6,660** feet south of Latitude: **39° 25' 00"**

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83
 N: 4361006.059(m)
 E: 516539.326(m)
 NAD27, WV NORTH
 N: 329875.494(ft)
 E: 1630348.523(ft)
 LAT/LON - NAD83
 LAT: N39.3983954
 LON: W80.8079148

SURFACE HOLE LOCATION (SHL)
 UTM 17 - NAD83
 N: 4363427.445(m)
 E: 515356.128(m)
 NAD27, WV NORTH
 N: 337886.170(ft)
 E: 1626598.440(ft)
 LAT/LON - NAD83
 LAT: N39.4202356
 LON: W80.8216006

REFERENCE DETAIL



SHL is located on topo map **8,455** feet west of Longitude: **80° 47' 30"**
 BHL is located on topo map **4,569** feet west of Longitude: **80° 47' 30"**

APPROXIMATE LANDING POINT
 UTM 17 - NAD83
 N: 4363084.346(m)
 E: 515794.278(m)
 NAD27, WV NORTH
 N: 336756.256(ft)
 E: 1626017.445(ft)
 LAT/LON - NAD83
 LAT: N39.4171351
 LON: W80.8165185

BOTTOM HOLE LOCATION (BHL)
 UTM 17 - NAD83
 N: 4361008.353(m)
 E: 516545.479(m)
 NAD27, WV NORTH
 N: 329882.690(ft)
 E: 1630368.840(ft)
 LAT/LON - NAD83
 LAT: N39.3984159
 LON: W80.8078432

| LINE TABLE | | |
|------------|-------------|----------|
| LINE | BEARING | DISTANCE |
| R1 | N30°03'36"E | 455.04' |
| R2 | N61°01'13"E | 314.51' |
| R3 | N37°14'57"W | 273.44' |
| R4 | N61°01'13"E | 314.51' |
| R5 | S46°19'38"E | 795.16' |

LEGEND

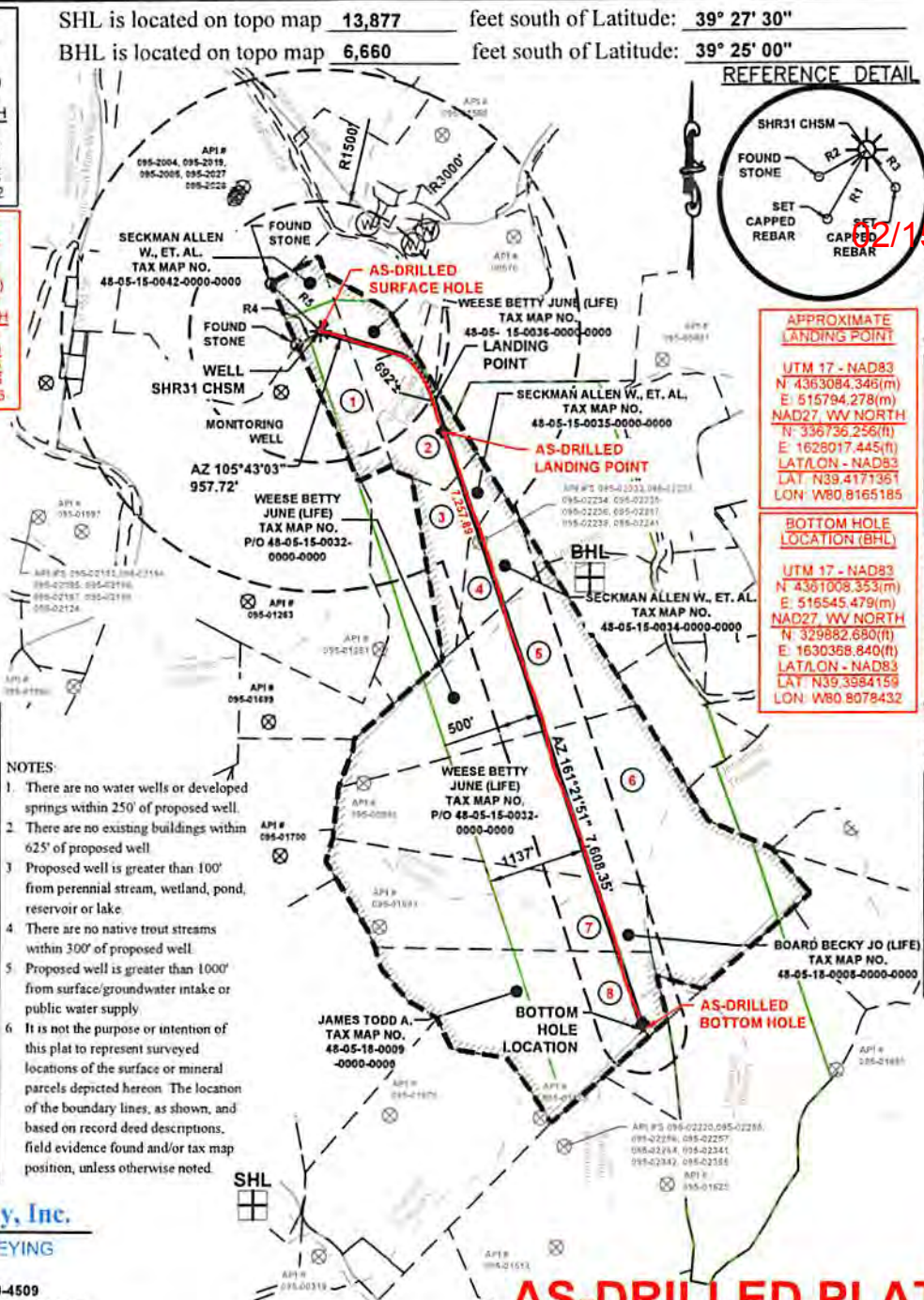
- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMSA1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- AS-DRILLED HORIZONTAL WELL
- UNIT BOUNDARY

WELLS WITHIN 3000'

- EXISTING GAS WELL
- RECORD GAS WELL

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
 Phone: 412-219-4509
 Email: info@shefflerco.com

AS-DRILLED PLAT

FILE #: **SHR 31 CHSM**
 DRAWING #: **3601 - SHR31C WELL - AD -DWG**
 SCALE: **1"=2000'**
 MINIMUM DEGREE OF ACCURACY: **1/2500**
 PROVEN SOURCE OF ELEVATION: **USGS MONUMENT A 142: 724.61'**

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.: **21452** 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: **McELROY CREEK**
 COUNTY/DISTRICT: **TYLER / MCELROY**
 SURFACE OWNER: **ALLEN W. SECKMAN, ET AL.**
 OIL & GAS ROYALTY OWNER: **ALLEN W. SECKMAN, ET AL.**



DATE: **November 6, 2018**
 OPERATOR'S WELL #: **SHR 31 CHSM**
 API WELL # **47** **095**
 STATE COUNTY PERMIT

RECEIVED
 Office of Oil and Gas
 NOV 9 2018
 WV Department of Environmental Protection

ELEVATION: **1,111.0'**
 QUADRANGLE: **SHIRLEY, WV**
 ACREAGE: **30.48**
 ACREAGE: **30.48 (652.92 UNIT ACREAGE)**

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: **CNX GAS COMPANY, LLC**
 Address: **1000 CONSOL ENERGY DRIVE**
 City **CANONSBURG** State **PA** Zip Code **15317**

ESTIMATED DEPTH: **TVD: 6,725' ± TMD: 14,930' ±**
 DESIGNATED AGENT: **CHRIS TURNER**
 Address: **1 DOMINION DRIVE**
 City **JANE LEW** State **WV** Zip Code **26378**