

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4363422.063(m)  
 E: 515345.211(m)  
 NAD27, VV NORTH  
 N: 337889.112(ft)  
 E: 1626562.322(ft)  
 LAT/LON - NAD83  
 LAT: N39.4201873  
 LON: W80.8217275

**APPROXIMATE LANDING POINT**  
 UTM 17 - NAD83  
 N: 4363159.038(m)  
 E: 515285.610(m)  
 NAD27, VV NORTH  
 N: 337009.429(ft)  
 E: 1626342.490(ft)  
 LAT/LON - NAD83  
 LAT: N39.4178184  
 LON: W80.8224608

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17 - NAD83  
 N: 4360663.654(m)  
 E: 515170.161(m)  
 NAD27, VV NORTH  
 N: 328772.140(ft)  
 E: 1629118.350(ft)  
 LAT/LON - NAD83  
 LAT: N39.3953171  
 LON: W80.8122104

SHL is located on topo map 13,896 feet south of Latitude: 39° 27' 30"  
 BHL is located on topo map 7,785 feet south of Latitude: 39° 25' 00"

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4363422.064(m)  
 E: 515345.211(m)  
 NAD27, VV NORTH  
 N: 337889.110(ft)  
 E: 1626562.322(ft)  
 LAT/LON - NAD83  
 LAT: N39.4201873  
 LON: W80.8217275

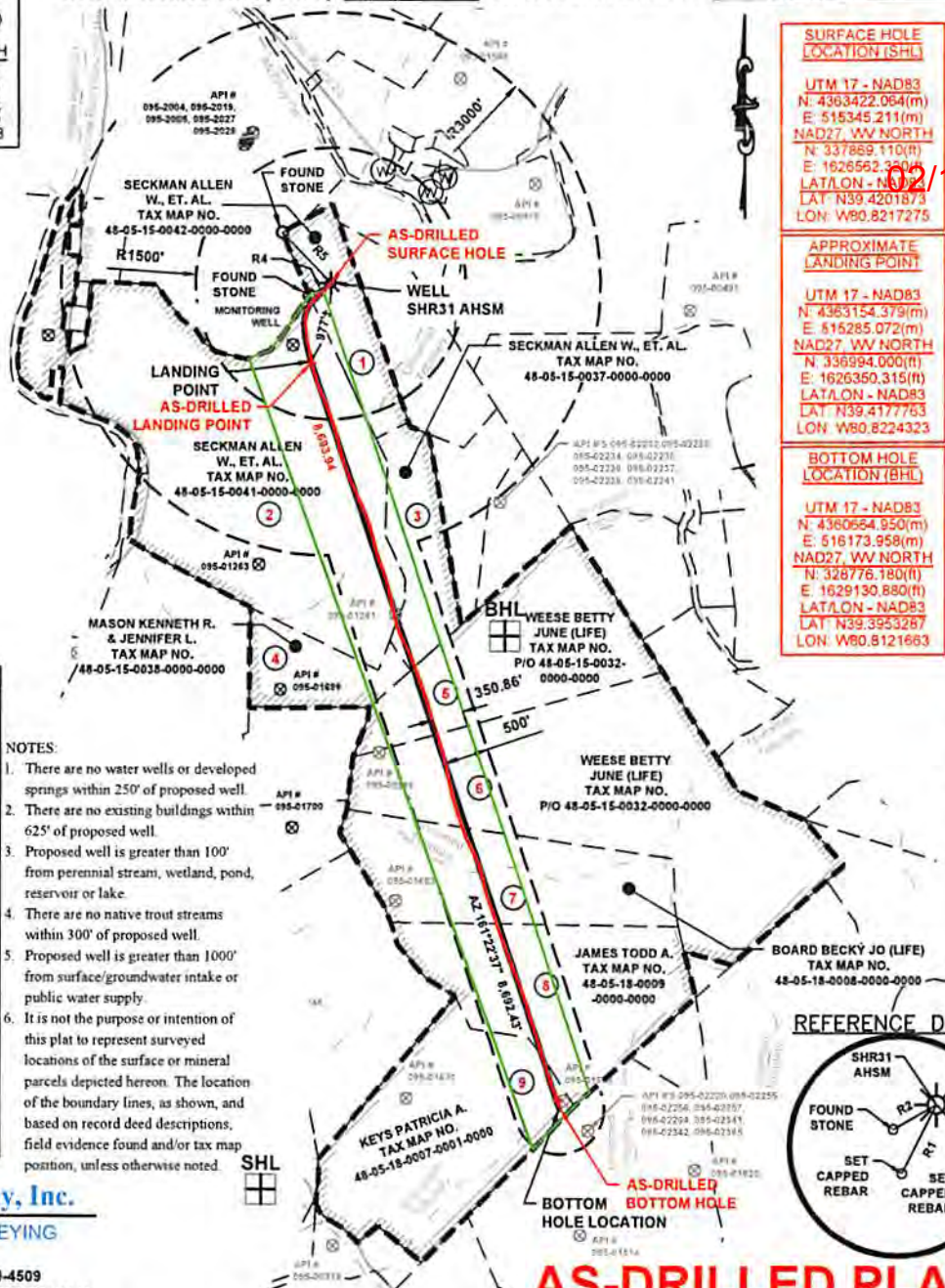
**APPROXIMATE LANDING POINT**  
 UTM 17 - NAD83  
 N: 4363154.379(m)  
 E: 515285.072(m)  
 NAD27, VV NORTH  
 N: 336994.000(ft)  
 E: 1626350.315(ft)  
 LAT/LON - NAD83  
 LAT: N39.4177763  
 LON: W80.8224323

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17 - NAD83  
 N: 4360664.950(m)  
 E: 516173.958(m)  
 NAD27, VV NORTH  
 N: 328776.180(ft)  
 E: 1629130.880(ft)  
 LAT/LON - NAD83  
 LAT: N39.3953267  
 LON: W80.8121663

LINE TABLE		
LINE	BEARING	DISTANCE
R1	N26°58'48"E	422.79'
R2	N60°28'59"E	274.85'
R3	N45°08'47"W	284.42'
R4	N80°28'59"E	274.85'
R5	S43°35'23"E	781.89'

**LEGEND**

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WVA1 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:**
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.

**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 AHSM  
 DRAWING #: 3601 - SHR31A 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



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

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

WATERSHED: McELROY CREEK ELEVATION: 1,111.0'  
 COUNTY/DISTRICT: TYLER / MCELROY QUADRANGLE: SHIRLEY, WV  
 SURFACE OWNER: ALLEN W. SECKMAN, ET AL. ACREAGE: 30.48  
 OIL & GAS ROYALTY OWNER: ALLEN W. SECKMAN, ET AL. ACREAGE: 30.48 (195.22 UNIT ACREAGE)

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

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: 6,725' ± TMD: 15,850' ±  
 WELL OPERATOR: CNX GAS COMPANY, LLC DESIGNATED AGENT: CHRIS TURNER  
 Address: 1000 CONSOL ENERGY DRIVE Address: 1 DOMINION DRIVE  
 City CANONSBURG State PA Zip Code 15317 City JANE LEW State WV Zip Code 26378