

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4363432.833(m)  
 E: 515367.079(m)  
 NAD27 VV NORTH  
 N: 337903.253(ft)  
 E: 1626834.674(ft)  
 LAT/LON - NAD83  
 LAT: N39.4202839  
 LON: W80.8214732

**APPROXIMATE LANDING POINT**  
 UTM 17 - NAD83  
 N: 4363091.565(m)  
 E: 516282.646(m)  
 NAD27 VV NORTH  
 N: 336733.160(ft)  
 E: 1629620.430(ft)  
 LAT/LON - NAD83  
 LAT: N39.4171921  
 LON: W80.8108450

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17 - NAD83  
 N: 4360781.554(m)  
 E: 517106.867(m)  
 NAD27 VV NORTH  
 N: 329107.651(ft)  
 E: 1632198.626(ft)  
 LAT/LON - NAD83  
 LAT: N39.3963614  
 LON: W80.8013292

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4363432.703(m)  
 E: 515366.950(m)  
 NAD27 VV NORTH  
 N: 337902.830(ft)  
 E: 1626634.240(ft)  
 LAT/LON - NAD83  
 LAT: N39.4202828  
 LON: W80.8214747

**APPROXIMATE LANDING POINT**  
 UTM 17 - NAD83  
 N: 4363089.352(m)  
 E: 516287.188(m)  
 NAD27 VV NORTH  
 N: 336725.644(ft)  
 E: 1629635.211(ft)  
 LAT/LON - NAD83  
 LAT: N39.4171729  
 LON: W80.8107923

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17 - NAD83  
 N: 4360783.951(m)  
 E: 517113.633(m)  
 NAD27 VV NORTH  
 N: 329115.140(ft)  
 E: 1632220.960(ft)  
 LAT/LON - NAD83  
 LAT: N39.3963828  
 LON: W80.8012508

SHL is located on topo map **13,860** feet south of Latitude: **39° 27' 30"**  
 BHL is located on topo map **7,401** feet south of Latitude: **39° 25' 00"**

LINE	BEARING	DISTANCE
R1	N32°43'10"E	487.92'
R2	N61°28'08"E	353.91'
R3	N28°58'00"W	267.83'
R4	N61°28'08"E	353.91'
R5	S48°55'28"E	810.36'

**LEGEND**

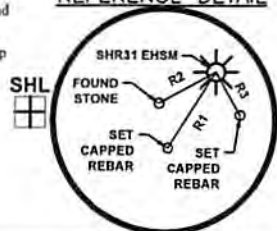
- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WW6A1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD
- AS-DRILLED HORIZONTAL WELL
- UNIT BOUNDARY

**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 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.

**REFERENCE DETAIL**



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

**AS-DRILLED PLAT**

FILE #: **SHR 31 EHSM**  
 DRAWING #: **3801 - SHR31E 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** 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**

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: 16,240' ±**  
 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**

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

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