

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4363422.053(m)  
 E: 515345.211(m)  
 NAD27, WV NORTH  
 N: 337869.112(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: 515282.610(m)  
 NAD27, WV NORTH  
 N: 337009.429(ft)  
 E: 1626342.490(ft)  
 LAT/LON - NAD83  
 LAT: N39 4178184  
 LON: W80 8224608

Well is located on topo map **13,895** feet south of Latitude: **39° 27' 30"**

**BOTTOM HOLE LOCATION (BHL)**  
 UTM 17 - NAD83  
 N: 4360663.654(m)  
 E: 516170.161(m)  
 NAD27, WV NORTH  
 N: 328772.140(ft)  
 E: 1629118.350(ft)  
 LAT/LON - NAD83  
 LAT: N39 3953171  
 LON: W80 8122104

**LINE TABLE**

LINE	BEARING	DISTANCE
R1	N26°58'48"E	422.79'
R2	N60°28'59"E	374.65'
R3	N45°08'47"W	284.42'
R4	N60°28'57"E	274.66'
R5	S43°35'24"E	781.68'

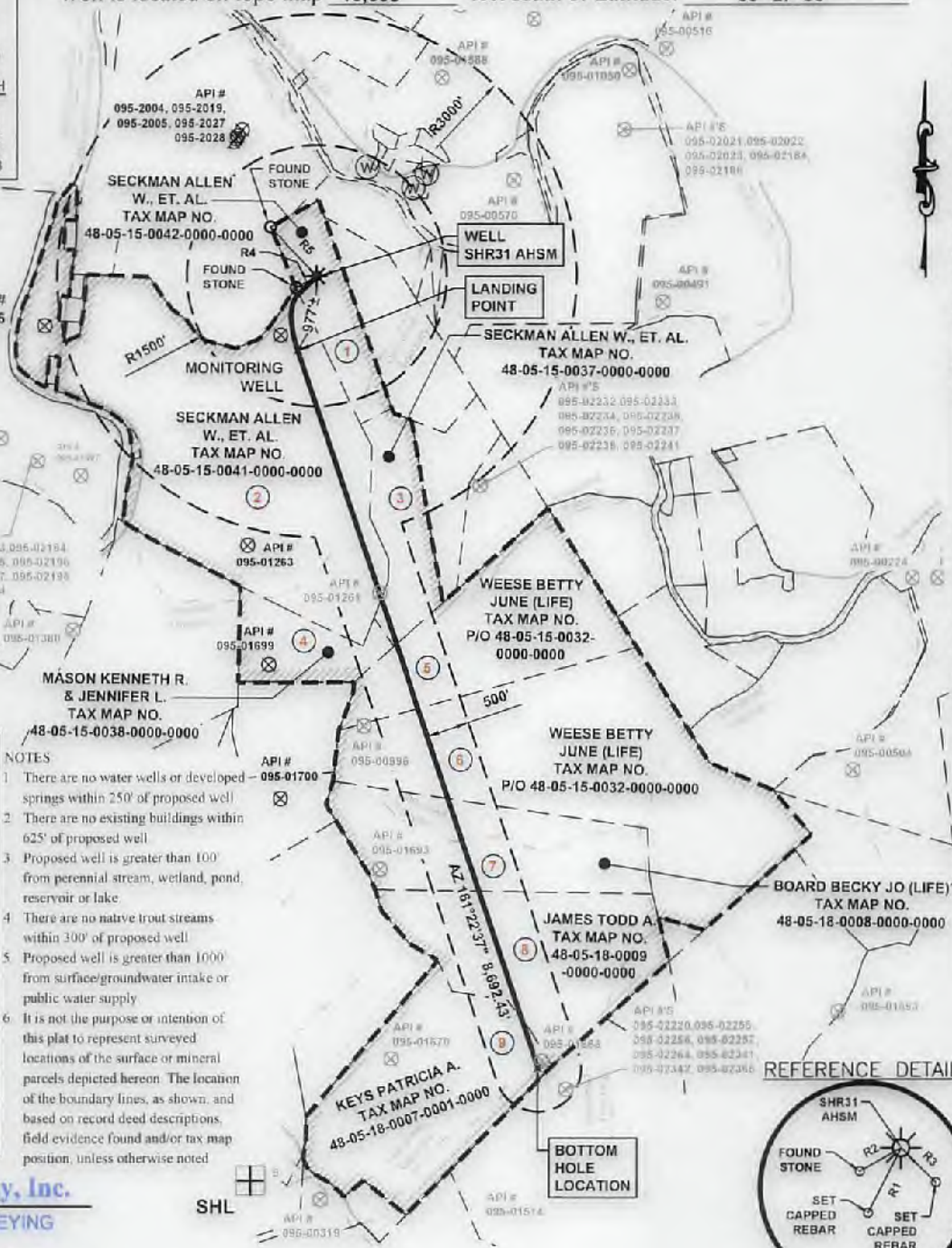
**LEGEND**

- 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

**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



Well is located on topo map **8,492'** feet west of Longitude: **80° 47' 30"**

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

FILE #: **SHR 31 AHSM**  
 DRAWING #: **3601 - SHR31A WELL - R3 - 20171219.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:   
 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 15, 2017 - REV December 19, 2017**  
 OPERATOR'S WELL #: **SHR 31 AHSM**  
 API WELL # **47** **095** **0248716A**  
 STATE COUNTY PERMIT

ELEVATION: **1,111.0'**  
 QUADRANGLE: **SHIRLEY, WV**  
 ACREAGE: **30.48**  
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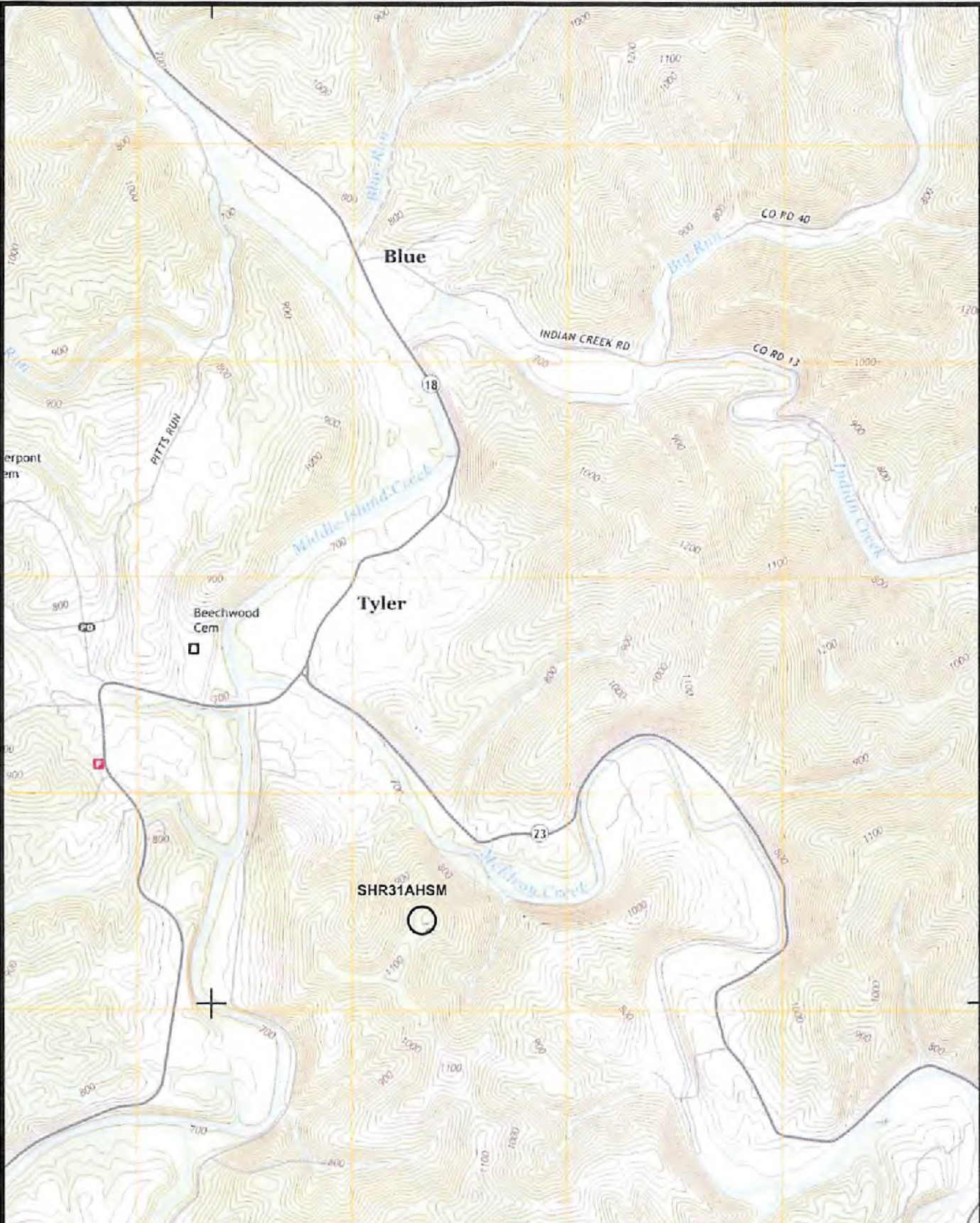
DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG AND ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY)

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: 15,850' ±**  
 DESIGNATED AGENT: **CHRIS TURNER**  
 Address: **1 DOMINION DRIVE**  
 City **JANE LEW** State **WV** Zip Code **26378**

04/6/2018

95-02487



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS  
 WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: November 15, 2017 - REV December 5, 2017

OPERATOR'S WELL #: SHR 31 AHSM

API WELL # 47 095 02487 H6A  
 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

04/6/2018

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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