

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4353430.140(m)
 E: 515361.612(m)
 NAD27, VV NORTH
 N: 337894.717(ft)
 E: 1626616.583(ft)
 LAT/LON - NAD83
 LAT: N39 42'02.98"
 LON: W80 82'15.36"

APPROXIMATE LANDING POINT

UTM 17 - NAD83
 N: 4363162.449(m)
 E: 515012.246(m)
 NAD27, VV NORTH
 N: 336980.600(ft)
 E: 1628736.990(ft)
 LAT/LON - NAD83
 LAT: N39 41'78.355"
 LON: W80 81'39.645"

Well is located on topo map **13,868** feet south of Latitude: **39° 27' 30"**

BOTTOM HOLE LOCATION (BHL)

UTM 17 - NAD83
 N: 4360411.158(m)
 E: 516990.678(m)
 NAD27, VV NORTH
 N: 327898.570(ft)
 E: 1631797.060(ft)
 LAT/LON - NAD83
 LAT: N39 39'30.261"
 LON: W80 80'26.880"

LINE	BEARING	DISTANCE
R1	N31°26'51"E	471.67'
R2	N81°14'43"E	334.52'
R3	N33°04'57"W	209.97'
R4	N81°14'43"E	334.52'
R5	S47°39'34"E	802.58'

LEGEND

- TOPO MAP POINT
- PROPOSED WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WVA#1
- 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

- 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.

REFERENCE DETAIL



Sheffler & Company, Inc.
 ENGINEERING + SURVEYING

1712 Mount Nebo Road Phone: 412-219-4509
 Sewickley, PA 15143 Email: info@shefflerCo.com

FILE #: **SHR 31 DHSM**
 DRAWING #: **3601 - SHR31D WELL - R6 - 20180309.DWG**
 SCALE: **1"=2000'**
 MINIMUM DEGREE OF ACCURACY **1/2500**
 PROVEN SOURCE **USGS MONUMENT**
 OF ELEVATION: **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 15, 2017 - REV March 9, 2018**
 OPERATOR'S WELL #: **SHR 31 DHSM**
 API WELL # **47** **095** **D2491H6A**
 STATE COUNTY PERMIT

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

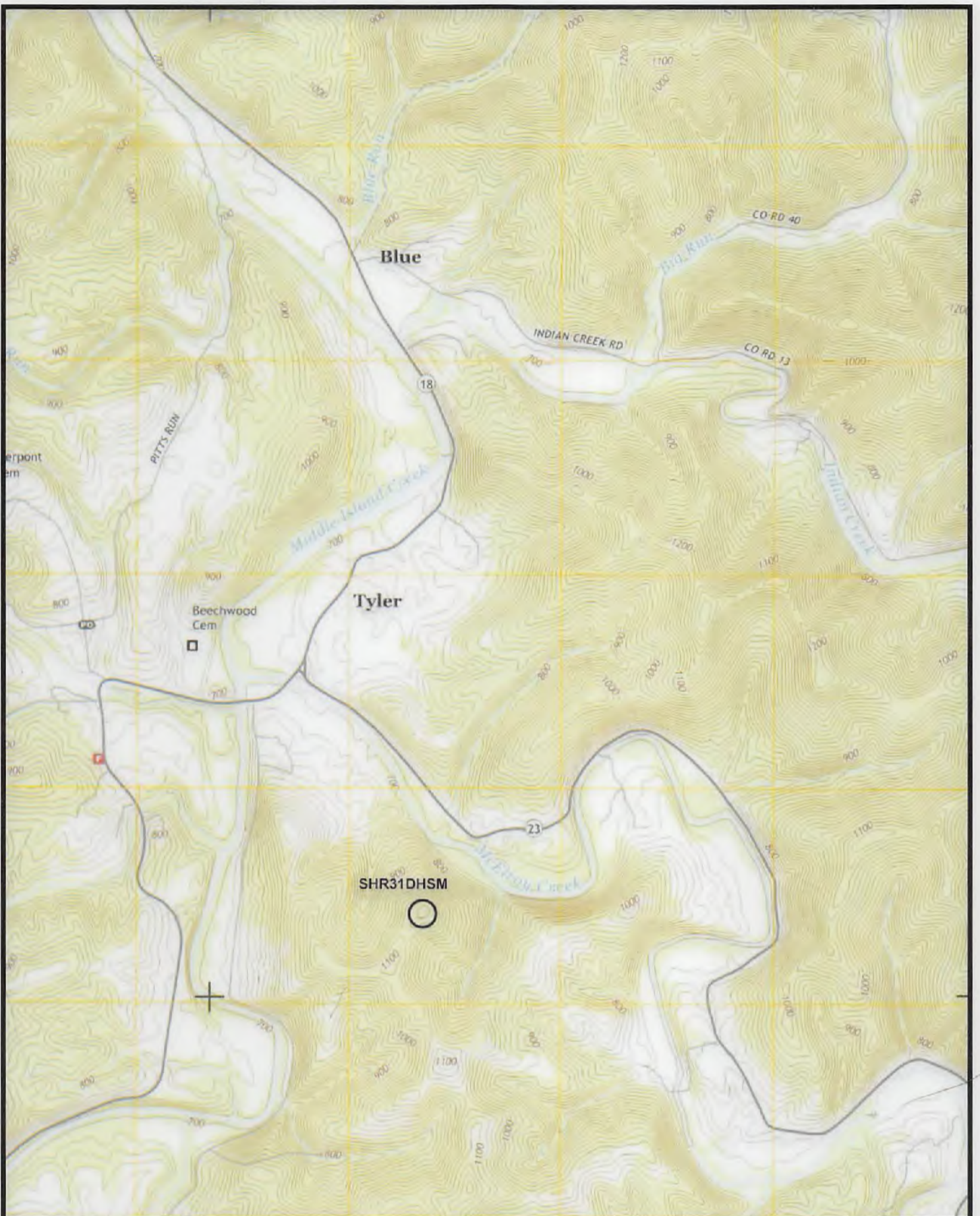
WATERSHED: **McELROY CREEK** ELEVATION: **1,111.0'**
 COUNTY/DISTRICT: **TYLER / MCELROY** QUADRANGLE: **SHIRLEY, WV**
 SURFACE OWNER: **ALLEN W. SECKMAN, ET AL.** ACREAGE: **30.48**
 OIL & GAS ROYALTY OWNER: **ALLEN W. SECKMAN, ET AL.** ACREAGE: **30.48**

04/13/2018

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: 17,430' ±**
 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**

Well is located on topo map 8,438' feet west of Longitude: 80° 47' 30"



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API WELL # 47 095 02491166A
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