

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
N: 4363427.448(m)
E: 515356.145(m)
NAD27 W. NORTH
N: 337896.182(ft)
E: 1626598.496(ft)
LAT/LON - NAD83
LAT: N39 4202355
LON: W80 8216004

APPROXIMATE LANDING POINT

UTM 17 - NAD83
N: 4363190.061(m)
E: 515751.987(m)
NAD27 W. NORTH
N: 337094.935(ft)
E: 1627917.271(ft)
LAT/LON - NAD83
LAT: N39 4180893
LON: W80 8163912

Well is located on topo map **13,877** feet south of Latitude: **39° 27' 30"**

Well is located on topo map **8,456'**

Feet west of Longitude: **80° 47' 30"**

BOTTOM HOLE LOCATION (BHL)

UTM 17 - NAD83
N: 4361005.059(m)
E: 516539.326(m)
NAD27 W. NORTH
N: 329875.454(ft)
E: 1630348.523(ft)
LAT/LON - NAD83
LAT: N39 3983954
LON: W80 8079148

LINE	BEARING	DISTANCE
R1	N30°03'57"E	455.08'
R2	N61°01'27"E	314.56'
R3	N37°14'16"W	273.41'
R4	N61°01'27"E	314.56'
R5	S46°10'38"E	795.18'

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 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.



Sheffler & Company, Inc.
ENGINEERING • SURVEYING

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

FILE #: **SHR 31 CHSM**
DRAWING #: **3601 - SHR31C WELL - R4 - 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: *[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 December 19, 2017**
OPERATOR'S WELL #: **SHR 31 CHSM**
API WELL # **47 095 02490**
STATE COUNTY PERMIT
H6A

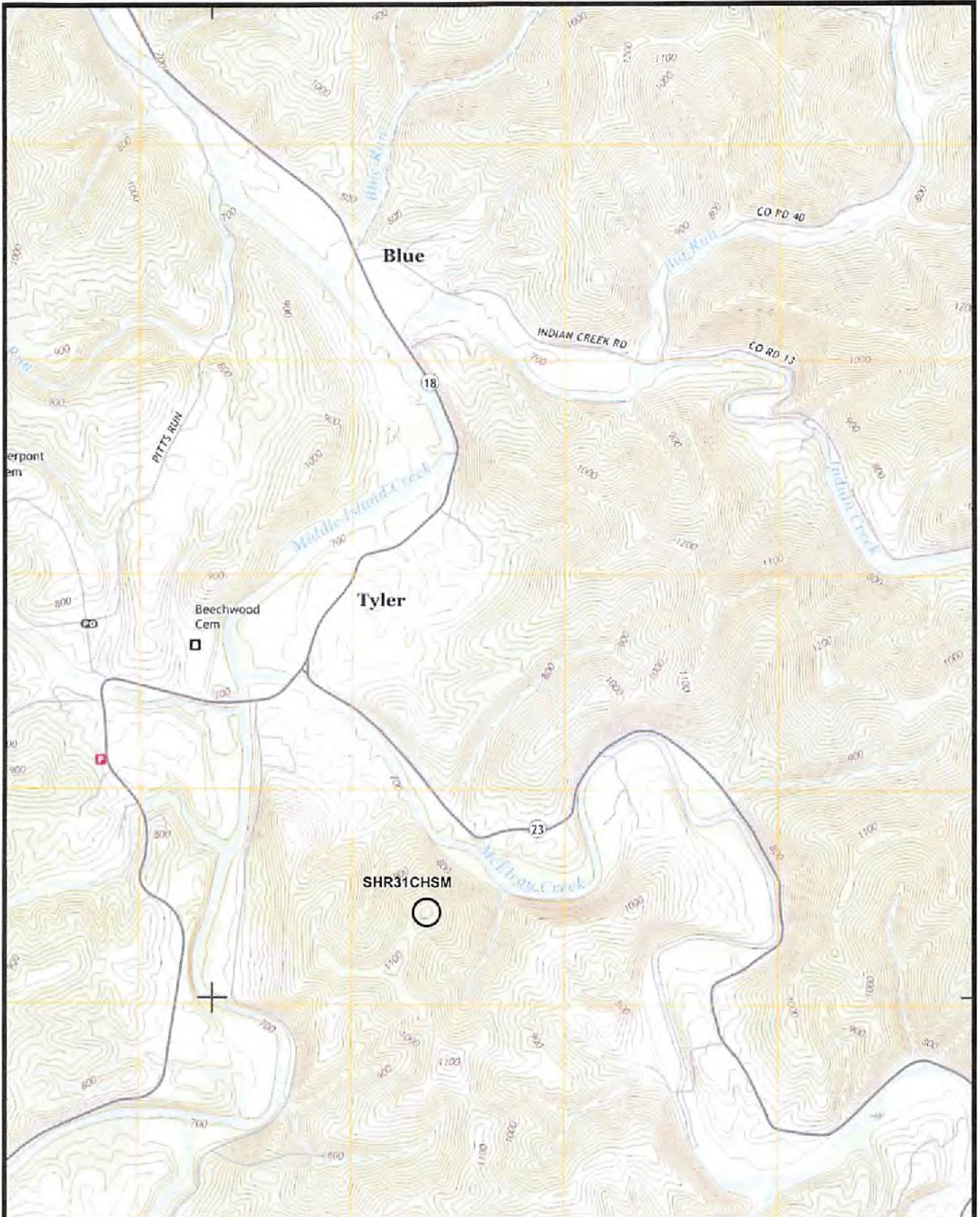
Well Type: Oil Waste Disposal Production Deep
 Gas Liquid Injection Storage Shallow

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

- 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: 14,930' ±**
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**



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