

SURFACE HOLE LOCATION (SHL) UTM 17 - NAD83 N: 4363430.140(m) E: 515361.812(m) NAD27, VV NORTH N: 337894.717(ft) E: 1626616.583(ft) LAT/LON - NAD83 LAT: N39.4202589 LON: W80.8215368	APPROXIMATE LANDING POINT UTM 17 - NAD83 N: 4363162.449(m) E: 516012.246(m) NAD27, VV NORTH N: 336980.600(ft) E: 1628736.990(ft) LAT/LON - NAD83 LAT: N39.4178359 LON: W80.8139845
BOTTOM HOLE LOCATION (BHL) UTM 17 - NAD83 N: 4360411.158(m) E: 516990.676(m) NAD27, VV NORTH N: 327898.570(ft) E: 1631797.060(ft) LAT/LON - NAD83 LAT: N39.3930261 LON: W80.8026880	SURFACE HOLE LOCATION (SHL) UTM 17 - NAD83 N: 4363430.046(m) E: 515361.463(m) NAD27, VV NORTH N: 337894.410(ft) E: 1626616.090(ft) LAT/LON - NAD83 LAT: N39.4202589 LON: W80.8215385
APPROXIMATE LANDING POINT UTM 17 - NAD83 N: 4363161.763(m) E: 516012.913(m) NAD27, VV NORTH N: 336978.307(ft) E: 1628739.141(ft) LAT/LON - NAD83 LAT: N39.4178297 LON: W80.8139768	BOTTOM HOLE LOCATION (BHL) UTM 17 - NAD83 N: 4360410.440(m) E: 516988.826(m) NAD27, VV NORTH N: 327896.310(ft) E: 1631790.950(ft) LAT/LON - NAD83 LAT: N39.3930197 LON: W80.8027095

SHL is located on topo map 13,868 feet south of Latitude: 39° 27' 30"
 BHL is located on topo map 8,626 feet south of Latitude: 39° 25' 00"

LINE	BEARING	DISTANCE
R1	N31°24'57"E	471.15'
R2	N61°15'03"E	333.94'
R3	N33°12'21"W	269.99'
R4	N61°15'03"E	333.94'
R5	S47°37'11"E	502.42'

SHL is located on topo map 8,437 feet west of Longitude: 80° 47' 30"
 BHL is located on topo map 3,118 feet west of Longitude: 80° 47' 30"

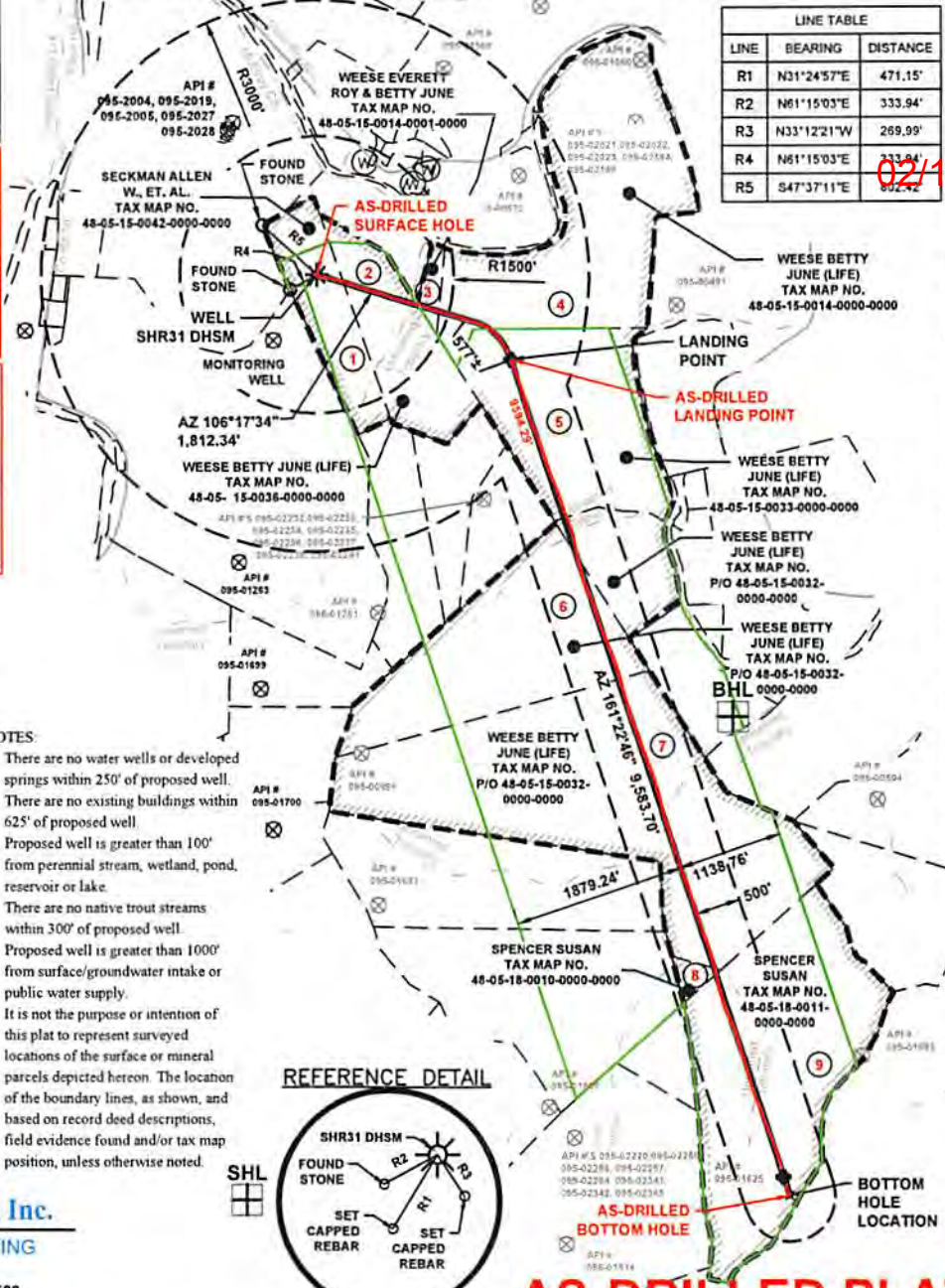
LEGEND

- 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**
- 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.



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 ENGINEERING • SURVEYING
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 Sewickley, PA 15143 Email: info@shefflerco.com

AS-DRILLED PLAT

FILE #: SHR 31 DHSM
 DRAWING #: 3601 - SHR31D 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 DHSM

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 (652.92 UNIT ACREAGE)

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

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