

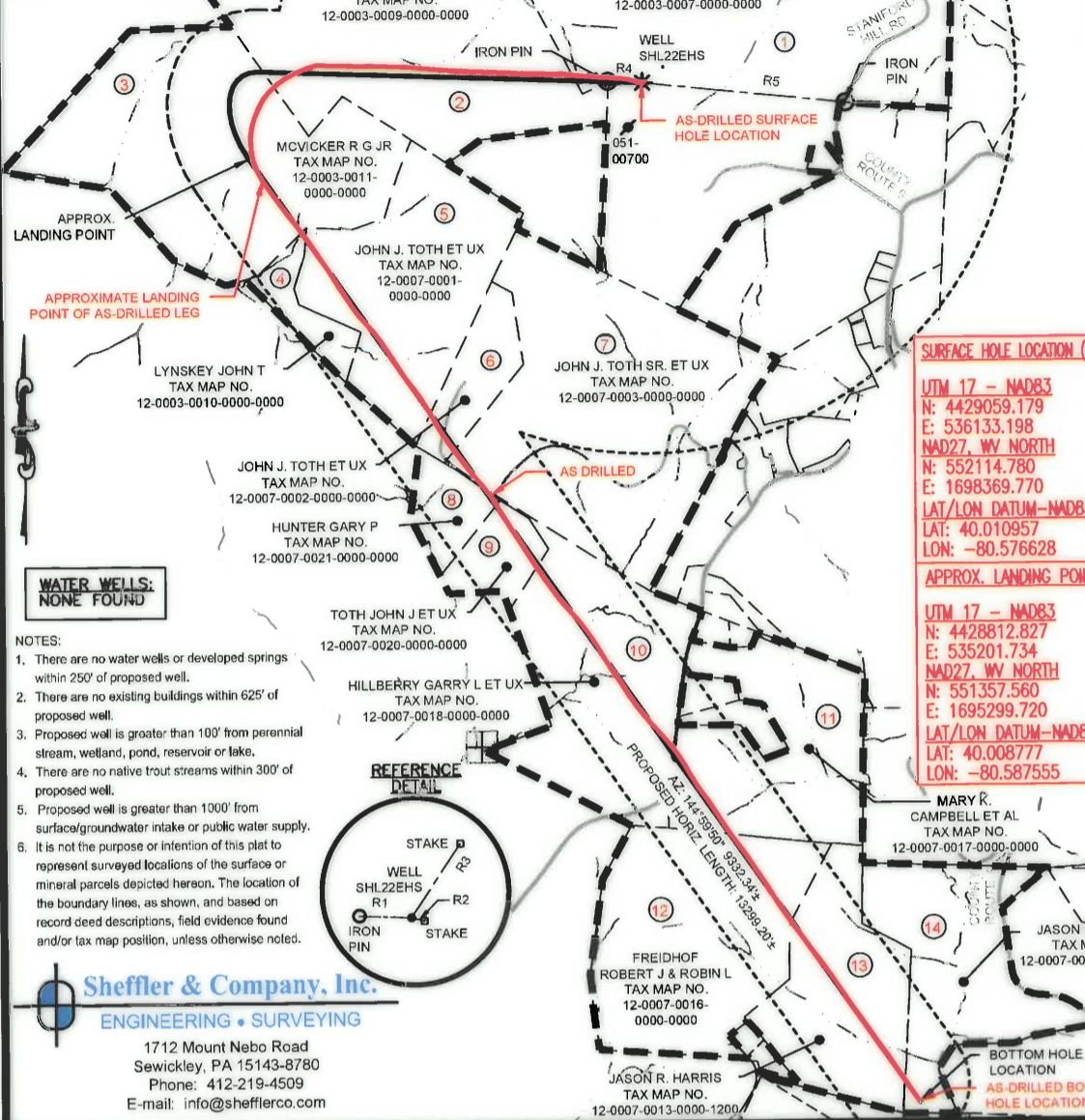
Well is located on topo map 11,188 feet south of Latitude: 40° 02' 30"

AS-DRILLED PLAT

LINE TABLE		
LINE	BEARING	DISTANCE
R1	S87°32'32"E	279.72'
R2	N76°13'55"W	71.71'
R3	S33°48'54"W	474.46'
R4	S87°32'32"E	279.72'
R5	N84°06'42"W	1644.56'

LEGEND	
	TOPO MAP POINT
	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
	CENTERLINE
	ROAD
	AS-DRILLED HORIZONTAL WELL

WELLS WITHIN 3000'
 PLUGGED WELL



SURFACE HOLE LOCATION (SHL)	
UTM 17 - NAD83	N: 4429058.693
	E: 536133.639
NAD27, WV NORTH	N: 552113.161
	E: 1698371.190
LAT/LON DATUM-NAD83	LAT: 40.010953
	LOX: -80.576623
APPROX. LANDING POINT	
UTM 17 - NAD83	N: 4428364.829
	E: 535168.167
NAD27, WV NORTH	N: 551530.050
	E: 1695192.430
LAT/LON DATUM-NAD83	LAT: 40.009247
	LOX: -80.587945
BOTTOM HOLE LOCATION	
UTM 17 - NAD83	N: 4426563.253
	E: 536838.003
NAD27, WV NORTH	N: 543885.615
	E: 1700545.535
LAT/LON DATUM-NAD83	LAT: 39.988439
	LOX: -80.568511

SURFACE HOLE LOCATION (SHL)	
UTM 17 - NAD83	N: 4429059.179
	E: 536133.198
NAD27, WV NORTH	N: 552114.780
	E: 1698369.770
LAT/LON DATUM-NAD83	LAT: 40.010957
	LOX: -80.576628
APPROX. LANDING POINT	
UTM 17 - NAD83	N: 4428812.827
	E: 535201.734
NAD27, WV NORTH	N: 551357.560
	E: 1695299.720
LAT/LON DATUM-NAD83	LAT: 40.008777
	LOX: -80.587555

- 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.

Sheffler & Company, Inc.
 ENGINEERING • SURVEYING
 1712 Mount Nebo Road
 Sewickley, PA 15143-8780
 Phone: 412-219-4509
 E-mail: info@shefflerco.com

FILE #: SHL 22 EHS
 DRAWING #: SHL 22 EHS
 SCALE: 1"=1500'
 MINIMUM DEGREE OF ACCURACY: 1/2500
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT WILSON KNOB 1462.02

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

DATE: MARCH 13, 2017

OPERATOR'S WELL #: SHL 22 EHS - AS DRILLED

API WELL # 47 051 01811
 STATE COUNTY PERMIT

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

WATERSHED: WHEELING CREEK ELEVATION: 1322'
 COUNTY/DISTRICT: MARSHALL / SAND HILL QUADRANGLE: VALLEY GROVE, W. VA.
 SURFACE OWNER: CONSOL MINING CO. (CONSOL ENERGY) ACREAGE: 170.55
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL. ACREAGE: 170.55

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: 6,680 ± TMD: 17,654 ±
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: STEVEN M. GREEN
 Address: 1000 NOBLE ENERGY DRIVE, CANONSBURG, PA 15317 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

05/26/2017

Well is located on topo map 9,796 feet west of Longitude: 80° 32' 30"