

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4429041.742
 E: 536116.120
 NAD27, WV NORTH
 N: 552058.500
 E: 1698312.770
 LAT/LON DATUM-NAD83
 LAT: 40.010801
 LON: -80.576829

APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4428791.263
 E: 536119.958
 NAD27, WV NORTH
 N: 551236.340
 E: 1698311.610
 LAT/LON DATUM-NAD83
 LAT: 40.008544
 LON: -80.576798

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4427120.348
 E: 537340.994
 NAD27, WV NORTH
 N: 545686.100
 E: 1702226.610
 LAT/LON DATUM-NAD83
 LAT: 39.993437
 LON: -80.562588

Well is located on topo map 11,245 feet south of Latitude: 40° 02' 30"

SURFACE HOLE LOCATION (SHL)

UTM 17 - NAD83
 N: 4429041.724
 E: 536116.14
 NAD27, WV NORTH
 N: 552058.437
 E: 1698312.838
 LAT/LON DATUM-NAD83
 LAT: 40.010801
 LON: -80.576829

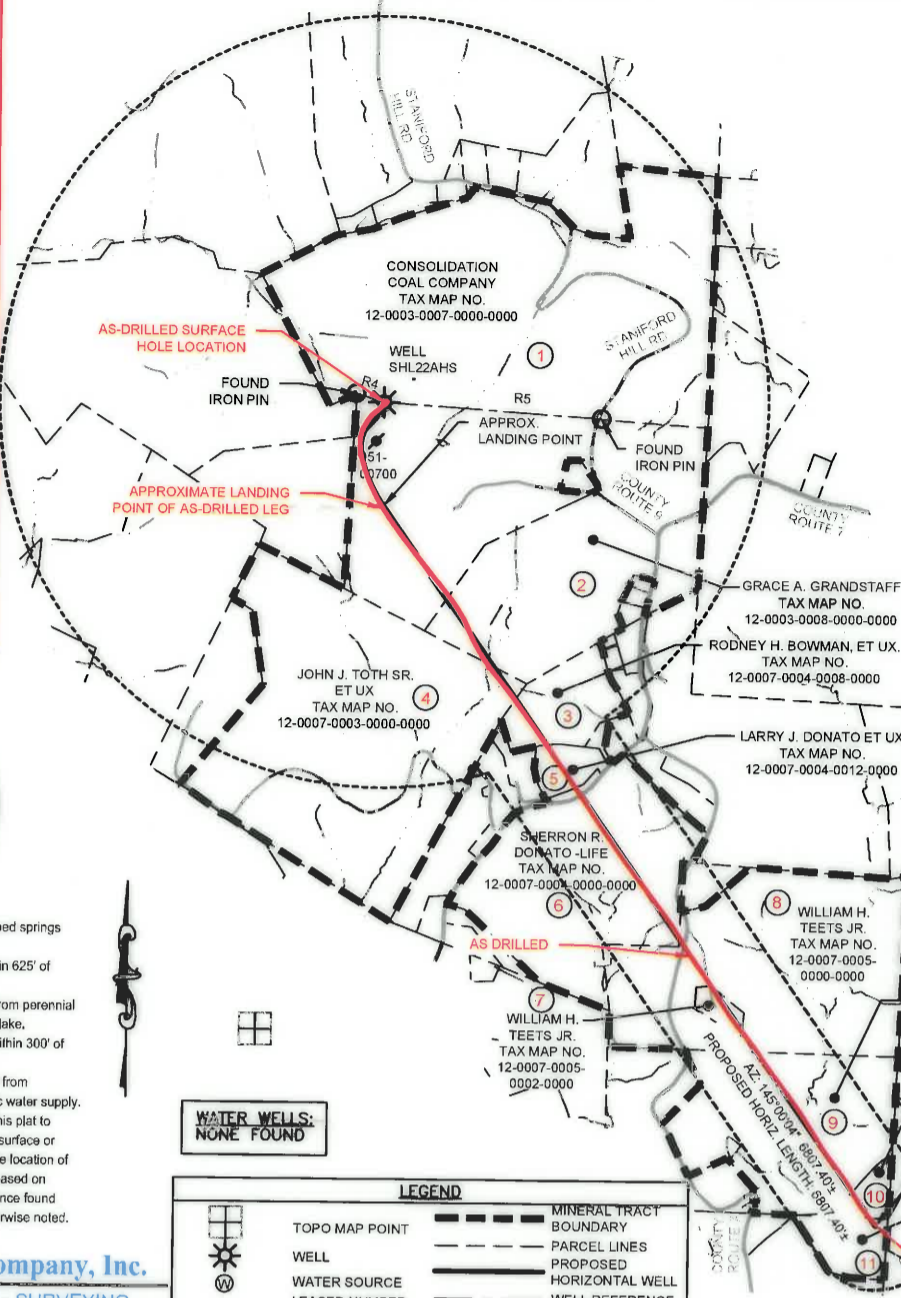
APPROX. LANDING POINT

UTM 17 - NAD83
 N: 4428797.137
 E: 536120.850
 NAD27, WV NORTH
 N: 551255.566
 E: 1698314.860
 LAT/LON DATUM-NAD83
 LAT: 40.008597
 LON: -80.576787

BOTTOM HOLE LOCATION

UTM 17 - NAD83
 N: 4427118.190
 E: 537338.785
 NAD27, WV NORTH
 N: 545679.140
 E: 1702219.244
 LAT/LON DATUM-NAD83
 LAT: 39.993417
 LON: -80.562614

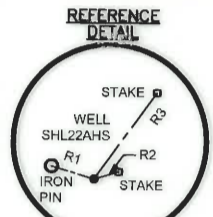
Well is located on topo map 9,853 feet west of Longitude: 80° 32' 30"



LINE TABLE

LINE	BEARING	DISTANCE
R1	S73°11'15"E	230.94'
R2	S73°34'46"W	133.49'
R3	S35°40'59"W	552.78'
R4	S73°11'15"E	230.94'
R5	N86°09'13"W	1698.11'

WELLS WITHIN 3000'
 PLUGGED 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.

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

**WATER WELLS:
 NONE FOUND**

LEGEND

	TOPO MAP POINT		MINERAL TRACT BOUNDARY
	WELL		PARCEL LINES
	WATER SOURCE		PROPOSED HORIZONTAL WELL
	LEASED NUMBER BASED ON ATTACHED WW6A1		WELL REFERENCE
	ALL ARE POINTS UNLESS OTHERWISE NOTED		STREAM
			CENTERLINE
			ROAD
			AS-DRILLED HORIZONTAL WELL

AS-DRILLED PLAT

FILE #: SHL 22 AHS
 DRAWING #: SHL 22 AHS
 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: *[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

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
 WELL OPERATOR: NOBLE ENERGY, INC.
 Address: 1000 NOBLE ENERGY DRIVE, CANONSBURG, PA 15317
 City CANONSBURG State PA Zip Code 15317



DATE: MARCH 13, 2017
 OPERATOR'S WELL #: SHL 22 AHS - AS DRILLED
 API WELL # 47 051 01806
 STATE COUNTY PERMIT

05/26/2017

ESTIMATED DEPTH: TVD: 6,680' ± TMD: 13,890' ±
 DESIGNATED AGENT: STEVEN M. GREEN
 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CHARLESTON State WV Zip Code 25301