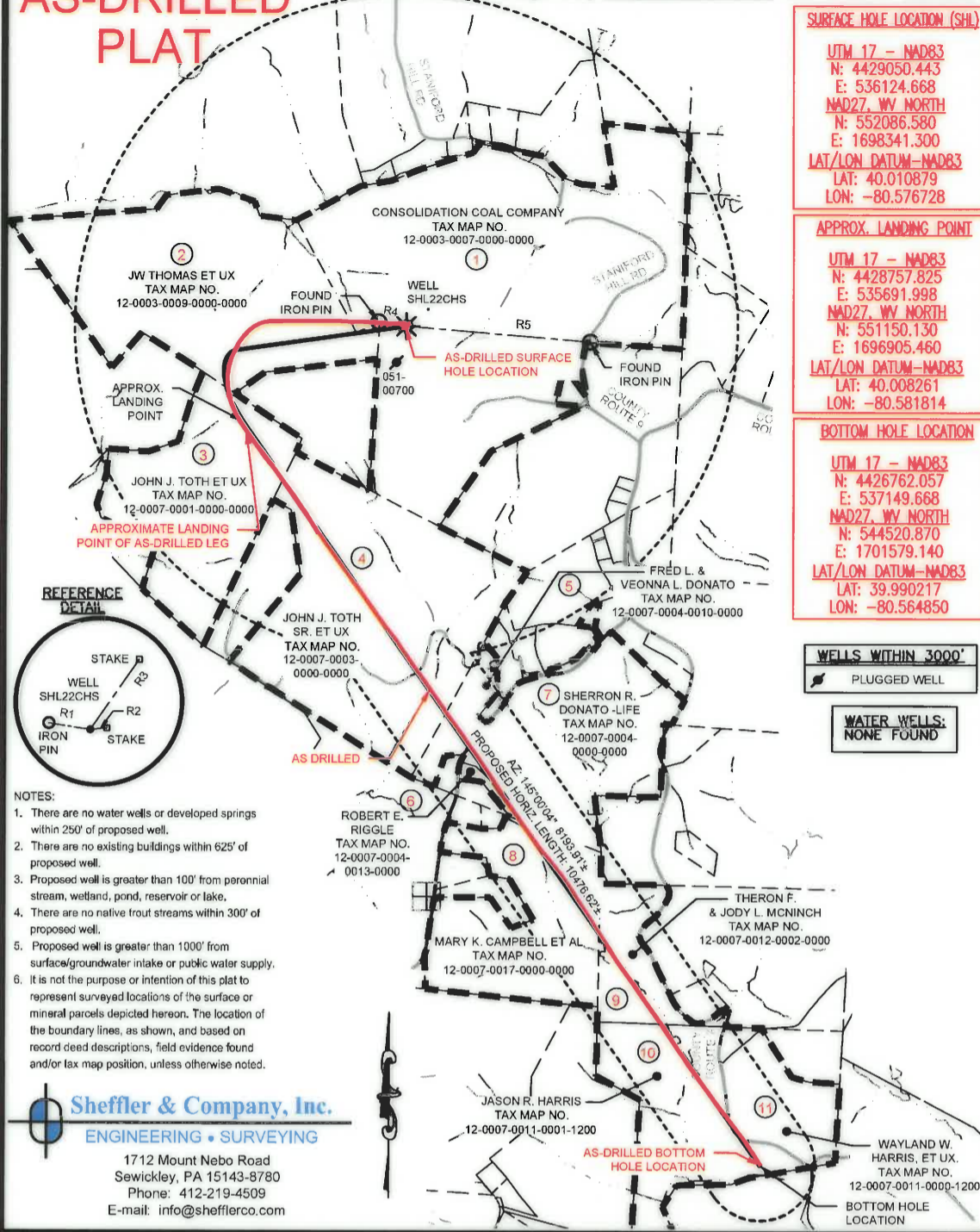


AS-DRILLED PLAT

Well is located on topo map 11,216

feet south of Latitude: 40° 02' 30"

Well is located on topo map 9,824
feet west of Longitude: 80° 32' 30"



SURFACE HOLE LOCATION (SHL)
UTM 17 - NAD83
 N: 4429050.443
 E: 536124.668
NAD27, WV NORTH
 N: 552086.580
 E: 1698341.300
LAT/LON DATUM-NAD83
 LAT: 40.010879
 LON: -80.576728

SURFACE HOLE LOCATION (SHL)
UTM 17 - NAD83
 N: 4429050.208
 E: 536124.889
NAD27, WV NORTH
 N: 552085.798
 E: 1698342.013
LAT/LON DATUM-NAD83
 LAT: 40.010877
 LON: -80.576726

APPROX. LANDING POINT
UTM 17 - NAD83
 N: 4428757.825
 E: 535691.998
NAD27, WV NORTH
 N: 551150.130
 E: 1696905.460
LAT/LON DATUM-NAD83
 LAT: 40.008261
 LON: -80.581814

APPROX. LANDING POINT
UTM 17 - NAD83
 N: 4428780.972
 E: 535680.862
NAD27, WV NORTH
 N: 551226.698
 E: 1696870.188
LAT/LON DATUM-NAD83
 LAT: 40.00847
 LON: -80.581943

BOTTOM HOLE LOCATION
UTM 17 - NAD83
 N: 4426762.057
 E: 537149.668
NAD27, WV NORTH
 N: 544520.870
 E: 1701579.140
LAT/LON DATUM-NAD83
 LAT: 39.990217
 LON: -80.564850

BOTTOM HOLE LOCATION
UTM 17 - NAD83
 N: 4426760.056
 E: 537146.857
NAD27, WV NORTH
 N: 544514.459
 E: 1701569.806
LAT/LON DATUM-NAD83
 LAT: 39.990199
 LON: -80.564883

WELLS WITHIN 3000'
 PLUGGED WELL

WATER WELLS:
 NONE FOUND

LINE TABLE		
LINE	BEARING	DISTANCE
R1	S81°02'20"E	253.35'
R2	S83°59'43"W	99.41'
R3	S34°49'03"W	513.61'
R4	S81°02'20"E	253.35'
R5	N85°09'04"W	1671.08'

LEGEND	
	TOPO MAP POINT
	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
	CENTERLINE
	ROAD
	AS-DRILLED HORIZONTAL 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

FILE #: SHL 22 CHS
 DRAWING #: SHL 22 CHS
 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 CHS - AS DRILLED
 API WELL # 47 051 01808
 STATE COUNTY PERMIT

05/26/2017

ESTIMATED DEPTH: TVD: 6,680' ± TMD: 15,685' ±
 DESIGNATED AGENT: STEVEN M. GREEN
 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
 City CHARLESTON State WV Zip Code 25301