

Well is located on topo map 11,160 feet south of Latitude: 40° 02' 30"

Well is located on topo map 9,768 feet west of Longitude: 80° 32' 30"

LEGEND

- TOPO MAP POINT
- WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WVG6A1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM CENTERLINE
- ROAD
- AS-DRILLED HORIZONTAL WELL

SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT	SURFACE HOLE LOCATION (SHL)	APPROX. LANDING POINT
UTM 17 - NAD83 N: 4429067.887 E: 536141.668 NAD27, WV NORTH N: 552142.890 E: 1698398.040 LAT/LON DATUM-NAD83 LAT: 40.011035 LON: -80.576528	UTM 17 - NAD83 N: 4429027.849 E: 536404.124 NAD27, WV NORTH N: 551997.080 E: 1699257.070 LAT/LON DATUM-NAD83 LAT: 40.010663 LON: -80.573455	UTM 17 - NAD83 N: 4429067.178 E: 536142.388 NAD27, WV NORTH N: 552140.522 E: 1698400.366 LAT/LON DATUM-NAD83 LAT: 40.011029 LON: -80.57652	UTM 17 - NAD83 N: 4429016.545 E: 536413.406 NAD27, WV NORTH N: 551959.476 E: 1699286.907 LAT/LON DATUM-NAD83 LAT: 40.010561 LON: -80.573347

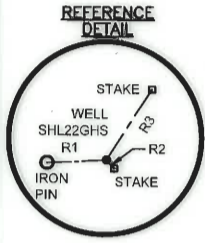
BOTTOM HOLE LOCATION

UTM 17 - NAD83
N: 4427486.643
E: 537523.266
NAD27, WV NORTH
N: 546878.093
E: 1702844.811
LAT/LON DATUM-NAD83
LAT: 39.996729
LON: -80.560432

BOTTOM HOLE LOCATION

UTM 17 - NAD83
N: 4427486.738
E: 537523.398
NAD27, WV NORTH
N: 546878.400
E: 1702845.250
LAT/LON DATUM-NAD83
LAT: 39.996729
LON: -80.560430

WATER WELLS:
NONE FOUND



- 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.



LINE TABLE

LINE	BEARING	DISTANCE
R1	N87°08'59"E	309.02'
R2	N42°20'02"W	60.10'
R3	S32°37'45"W	435.58'
R4	N87°08'59"E	309.02'
R5	N83°02'32"W	1618.63'

WELLS WITHIN 3000'

PLUGGED WELL

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 GHS
DRAWING #: SHL 22 GHS
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 CANNONSBURG State PA Zip Code 15317



DATE: MARCH 13, 2017
OPERATOR'S WELL #: SHL 22 GHS - AS DRILLED
API WELL # 47 051 01789
STATE COUNTY PERMIT

05/26/2017

ESTIMATED DEPTH: TVD: 6,680' ± TMD: 13,471' ±
DESIGNATED AGENT: STEVEN M. GREEN
Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590
City CHARLESTON State WV Zip Code 25301