

Well is located on topo map 11,174 feet south of Latitude: 40° 02' 30"

WATER WELLS:  
NONE FOUND

# AS-DRILLED PLAT

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4429062.935  
 E: 536138.013  
 NAD27, WV NORTH  
 N: 552128.726  
 E: 1698385.777  
 LAT/LON DATUM - NAD83  
 LAT: 40.010991  
 LON: -80.576571

**APPROX. LANDING POINT**  
 UTM 17 - NAD83  
 N: 4428956.730  
 E: 536230.943  
 NAD27, WV NORTH  
 N: 551773.222  
 E: 1698684.884  
 LAT/LON DATUM - NAD83  
 LAT: 40.01003  
 LON: -80.575488

**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83  
 N: 4427380.639  
 E: 537374.319  
 NAD27, WV NORTH  
 N: 546528.424  
 E: 1702350.241  
 LAT/LON DATUM - NAD83  
 LAT: 39.99578  
 LON: -80.562183

**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83  
 N: 4427377.421  
 E: 537369.679  
 NAD27, WV NORTH  
 N: 546528.120  
 E: 1702334.840  
 LAT/LON DATUM - NAD83  
 LAT: 39.995751  
 LON: -80.562237

**LEGEND**

- TOPO MAP POINT
- WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED W/86A1
- 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)**  
 UTM 17 - NAD83  
 N: 4429063.514  
 E: 536137.441  
 NAD27, WV NORTH  
 N: 552128.770  
 E: 1698383.930  
 LAT/LON DATUM - NAD83  
 LAT: 40.010996  
 LON: -80.576578

**APPROX. LANDING POINT**  
 UTM 17 - NAD83  
 N: 4428958.528  
 E: 536231.878  
 NAD27, WV NORTH  
 N: 551779.070  
 E: 1698688.050  
 LAT/LON DATUM - NAD83  
 LAT: 40.010046  
 LON: -80.575477

- 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	N89°40'18"E	294.06'
R2	N60°49'18"W	63.07'
R3	S33°14'51"W	455.00'
R4	N89°40'18"E	294.06'
R5	N83°34'52"W	1631.53'

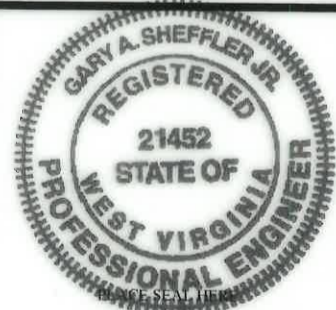
**WELLS WITHIN 3000'**  
 PLUGGED WELL

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

FILE #: SHL 22 FHS  
 DRAWING #: SHL 22 FHS  
 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: *Gary A. Sheffler Jr.*  
 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 FHS - AS DRILLED  
 API WELL # 47 051 01792  
 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

05/26/2017

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: 13,412' ±  
 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 CANNONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

Well is located on topo map 11,174 feet west of Longitude: 80° 32' 30"