



SURFACE HOLE LOCATION (SHA)
 UTM 17 - NAD83
 N: 4411114.716
 E: 519067.461
 NAD27, WY NORTH
 N: 494153.710
 E: 1642180.360
 LAT/LON DATUM-NAD83
 LAT: 39.849833
 LON: -80.774281

APPROX. LANDING POINT
 UTM 17 - NAD83
 N: 4411155.059
 E: 519067.460
 NAD27, WY NORTH
 N: 494299.360
 E: 1641386.460
 LAT/LON DATUM-NAD83
 LAT: 39.856202
 LON: -80.777109

BOTTOM HOLE LOCATION
 UTM 17 - NAD83
 N: 4412507.848
 E: 518020.836
 NAD27, WY NORTH
 N: 498091.250
 E: 1638033.080
 LAT/LON DATUM-NAD83
 LAT: 39.863224
 LON: -80.789303

**WATER WELLS:
 NONE FOUND**

- NOTES:**
1. There are no water wells or developed sources within 250' of proposed well.
 2. There are no existing buildings within 625' of proposed well.
 3. Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
 4. There are no native trout streams within 300' of proposed well.
 5. Proposed well is greater than 1000' from surface/groundwater intake or public water supply.
 6. It is not the purpose or intention of this plat to represent surveyed locations of the surface or mineral parcels depicted herein. The location of its boundary lines, as shown, and based on recent deed descriptions, field evidence, town and/or county records, unless otherwise noted.

PVE Sheffler
 Engineering • Surveying • Design
 Waterfront Corporate Park III, Suite 101
 2000 Georgetown Drive
 Sewickley, PA 15143-8992
 Phone: 724-444-1100

FILE # MND 01 LHS
 DRAWING # MND 01 LHS
 SCALE 1"=1500'
 MINIMUM DEGREE OF ACCURACY 1/2500
 PROVEN SOURCE U.S.G.S. MONUMENT H 138: 636.56'

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.: 16766 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: SHORT CREEK-OHIO RIVER
 COUNTY/DISTRICT: MARSHALL / CLAY
 SURFACE OWNER: CONSOLIDATION COAL COMPANY / MURRAY ENERGY
 OIL & GAS ROYALTY OWNER: CINX GAS COMPANY, LLC ET AL

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
 City: CANNONSBURG State: PA Zip Code: 15317

DATE: FEBRUARY 12, 2015 - REV FEBRUARY 24, 2015
 OPERATOR'S WELL #: MND 01 LHS
 API WELL # 47 051 01833 H/A
 STATE: COUNTY: PERMIT:

ELEVATION: 1150.37'
 QUADRANGLE: POWHTAN POINT, W. VA/OHIO
 ACREAGE: 126.99
 ACREAGE: 126.99

ESTIMATED DEPTH: TVD: 6,360' ± TH: 12.5'
 DESIGNATED AGENT: JESSICA ALGOP
 Address: 301 GOLDEN EAGLE DRIVE
 City: MORGANTOWN State: WV Zip Code: 26508



RECEIVED
 Office of Oil and Gas
 WV Department of
 Environmental Protection
 AUG 01 2017

Well is located on topo map 6320 feet west of Longitude: 80° 45' 00"