

Well is located on topo map 9175 feet south of Latitude: 39° 52' 30"

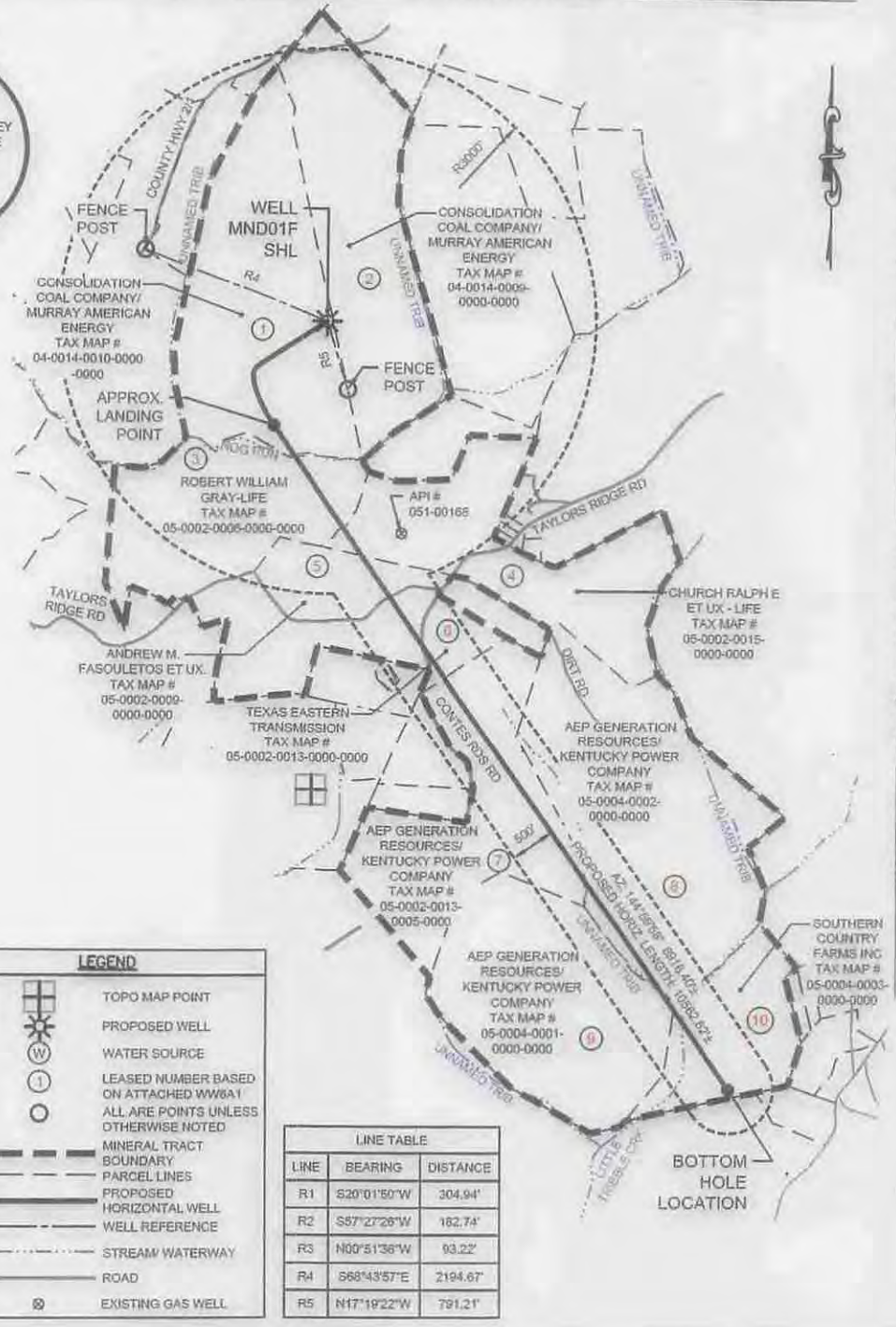
Well is located on topo map 6847 feet west of Longitude: 80° 45' 00"

**SURFACE HOLE LOCATION (SHL)**  
 UTM 17 - NAD83  
 N: 4411112.770  
 E: 519301.324  
**NAD27, WV NORTH**  
 N: 494147.770  
 E: 1642153.550  
**LAT/LON DATUM-NAD83**  
 LAT: 39.849815  
 LON: -80.774376

**APPROX. LANDING POINT**  
 UTM 17 - NAD83  
 N: 4410758.090  
 E: 519128.567  
**NAD27, WV NORTH**  
 N: 492993.370  
 E: 1641567.230  
**LAT/LON DATUM-NAD83**  
 LAT: 39.846624  
 LON: -80.776406

**BOTTOM HOLE LOCATION**  
 UTM 17 - NAD83  
 N: 4408558.981  
 E: 520723.836  
**NAD27, WV NORTH**  
 N: 485689.424  
 E: 1646681.512  
**LAT/LON DATUM-NAD83**  
 LAT: 39.826772  
 LON: -80.757829

**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.

**PVE Sheffler**  
 Engineering • Surveying • Design  
 Waterfront Corporate Park III, Suite 201  
 2000 Georgetown Drive  
 Sewickley, PA 15143-8992  
 Phone: 724-444-1100

FILE #: MND 01 FHS  
 DRAWING #: MND 01 FHS  
 SCALE: 1"=2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT H 138: 638.58'

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.: 18766 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: FEBRUARY 12, 2015 - REV MARCH 3, 2015  
 OPERATOR'S WELL #: MND 01 FHS  
 API WELL # 47 051 01838  
 STATE COUNTY PERMIT

Well Type:  Oil  Waste Disposal  Production  Deep  
 Gas  Liquid Injection  Storage  Shallow

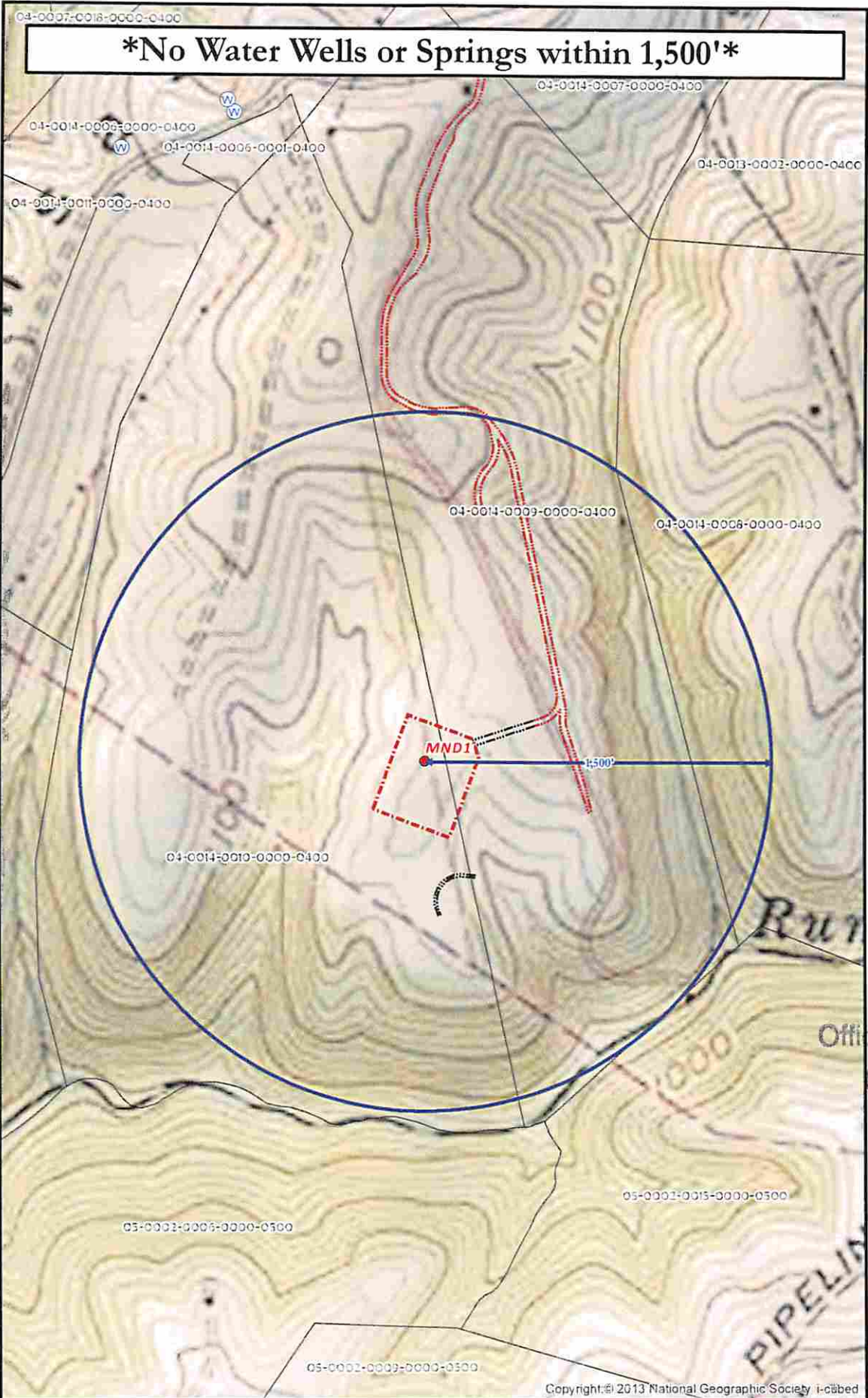
WATERSHED: SHORT CREEK-OHIO RIVER ELEVATION: 1150.64'  
 COUNTY/DISTRICT: MARSHALL / CLAY QUADRANGLE: POWHATAN POINT, W. VA./OHIO  
 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY ACREAGE: 126.99  
 OIL & GAS ROYALTY OWNER: CNX GAS COMPANY, LLC, ET AL. ACREAGE: 126.99

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: 6,360' ± TMD: 16,077' ±  
 WELL OPERATOR: NOBLE ENERGY, INC. DESIGNATED AGENT: JESSICA ALSOP  
 Address: 1000 NOBLE ENERGY DRIVE Address: 301 GOLDEN EAGLE DRIVE  
 City CANNONBURG State PA Zip Code 15317 City MORGANTOWN State WV Zip Code 26508

05/29/2015



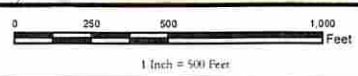


**\*No Water Wells or Springs within 1,500'\***

4705101838

Received  
Office of Oil & Gas  
MAR 16 2015

**MND 1 SITE SAFETY PLAN**  
- WATER WELL PURVEYORS -



- Well Pad
- Well Pad Boundary
- Water Well
- Water Well Buffer
- Pipeline Compression Station
- Fences
- Counties
- States

Projection: NAD 1927 StatePlane West Virginia North FIPS 4701  
Units: Foot US

**\*\*Disclaimer: All data is licensed for use by Noble Energy Inc. use only.\*\***



Date: 8/5/2014

Author:  
Christopher Glover

