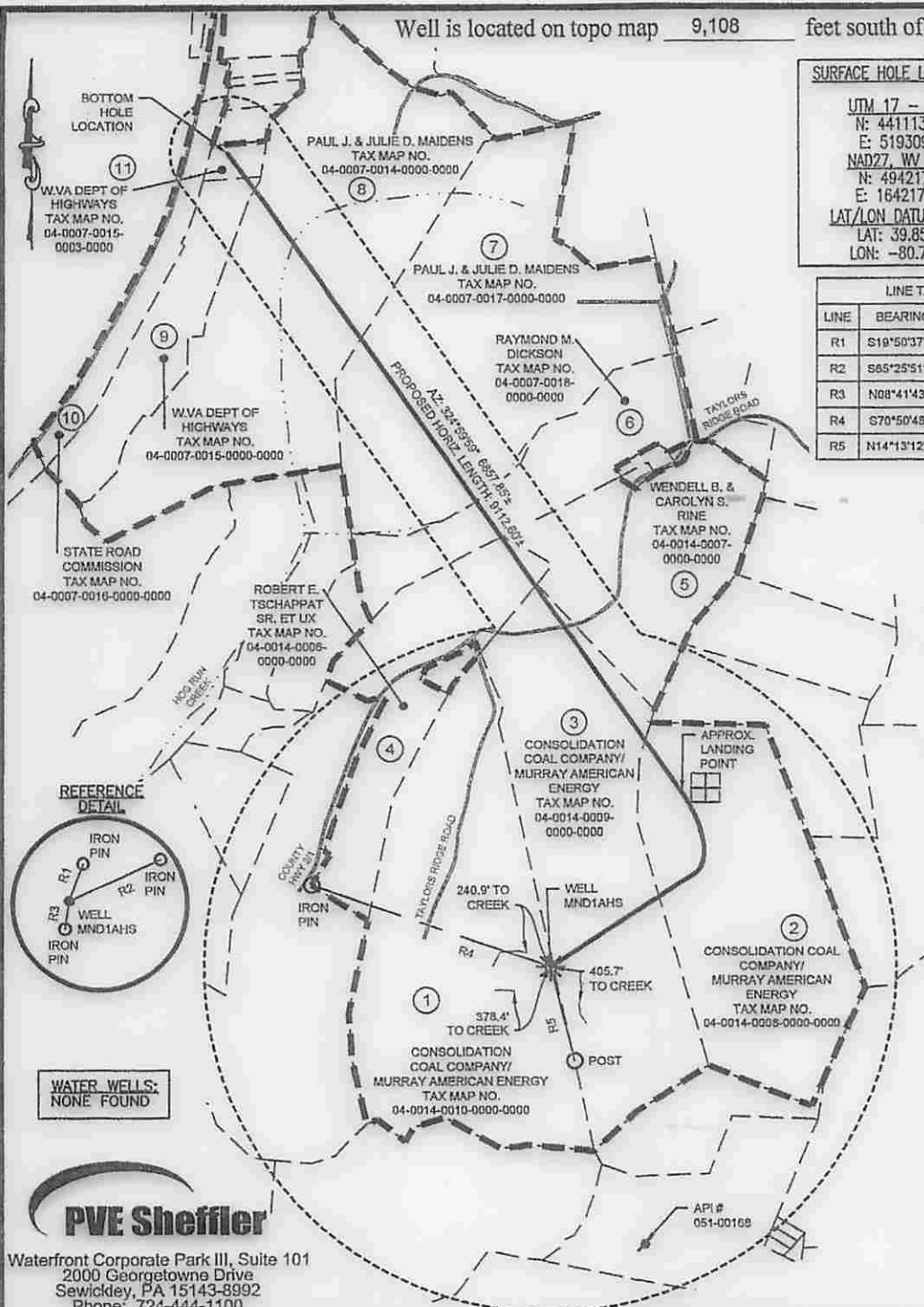


Well is located on topo map 9,108 feet south of Latitude: 39° 52' 30"

Well is located on topo map 6,816 feet west of Longitude: 80° 45' 00"



**SURFACE HOLE LOCATION (SHL)**

UTM 17 - NAD83  
 N: 4411134.291  
 E: 519309.007  
 NAD27, WV NORTH  
 N: 494217.970  
 E: 1642179.940  
 LAT/LON DATUM-NAD83  
 LAT: 39.850009  
 LON: -80.774286

**APPROX. LANDING POINT**

UTM 17 - NAD83  
 N: 4411600.347  
 E: 519647.157  
 NAD27, WV NORTH  
 N: 495728.770  
 E: 1643315.090  
 LAT/LON DATUM-NAD83  
 LAT: 39.854201  
 LON: -80.770319

**LINE TABLE**

LINE	BEARING	DISTANCE
R1	S19°50'37"W	229.95
R2	S65°25'51"W	576.62
R3	N08°41'43"E	185.31
R4	S70°50'48"E	2193.45
R5	N14°13'12"W	851.61

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83  
 N: 4413291.740  
 E: 518420.193  
 NAD27, WV NORTH  
 N: 501346.440  
 E: 1639381.560  
 LAT/LON DATUM-NAD83  
 LAT: 39.869467  
 LON: -80.784615

- NOTES:**
1. There are no water wells or developed springs 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 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.

**LEGEND**

- TOPO MAP POINT
- WELL
- WATER SOURCE
- LEASED NUMBER BASED ON ATTACHED WMSA1
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- PROPOSED HORIZONTAL WELL
- WELL REFERENCE
- STREAM/WATERWAY
- ROAD

**WELLS WITHIN 3000'**

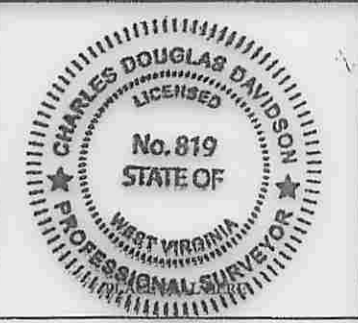
- PLUGGED WELL

**PVE Sheffler**  
 Waterfront Corporate Park III, Suite 101  
 2000 Georgetowne Drive  
 Sewickley, PA 15143-8992  
 Phone: 724-444-1100

FILE #: MND 1 AHS  
 DRAWING #: MND 1 AHS  
 SCALE: 1"=1500'  
 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 *Charles Douglas Davidson*  
 R.P.E.: L.L.S.: P.S. NO. 819



(+) 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: OHIO RIVER  
 COUNTY/DISTRICT: MARSHALL / CLAY  
 SURFACE OWNER: CONSOLIDATION COAL COMPANY/ MURRAY ENERGY  
 OIL & GAS ROYALTY OWNER: CNX 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: 333 TECHNOLOGY DRIVE, SUITE 116  
 City CANNONBURG State PA Zip Code 15317

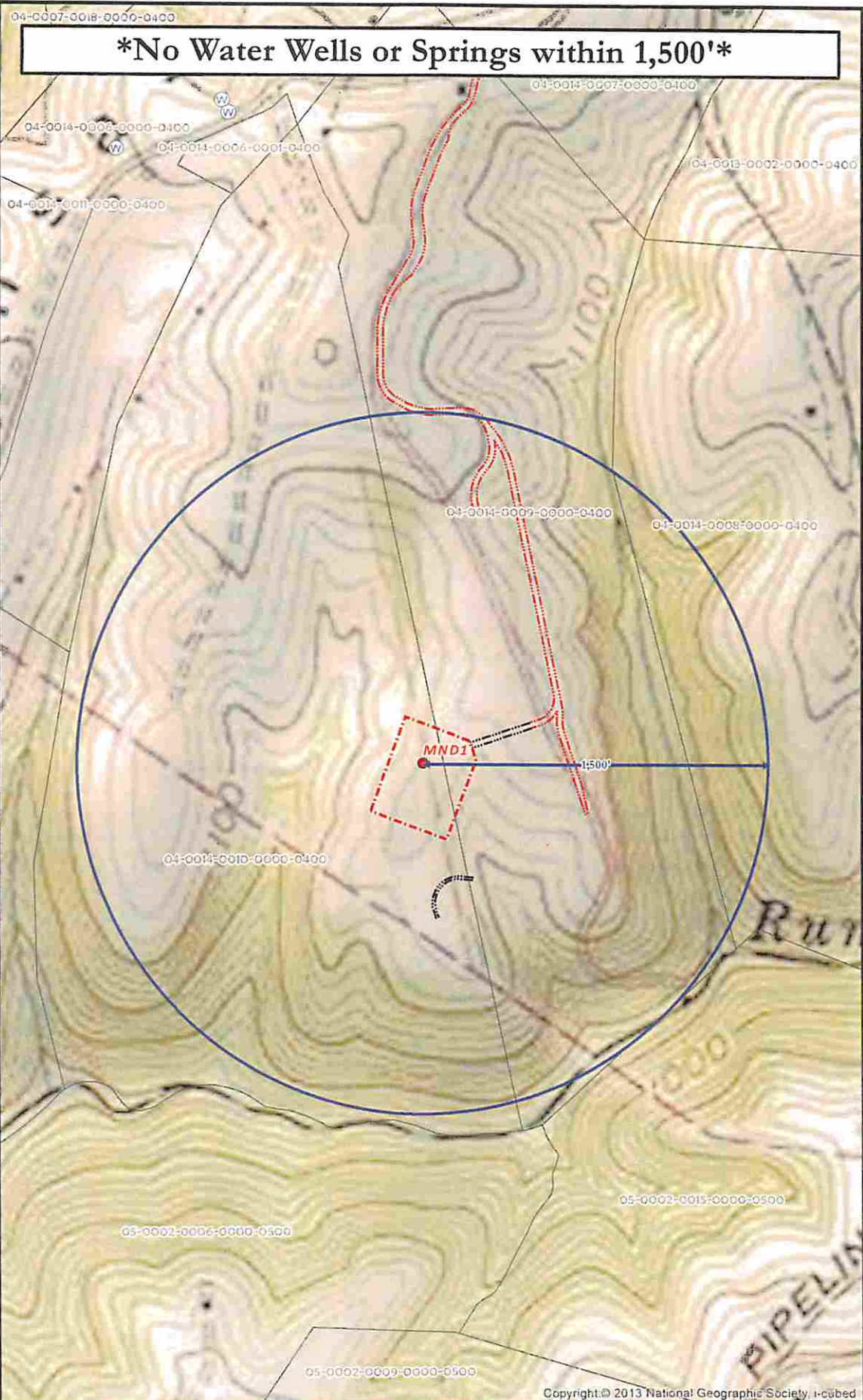
DATE: NOVEMBER 17, 2014 - REV: DECEMBER 15, 2014

OPERATOR'S WELL #: MND 1 AHS  
 API WELL # 47 051 01810  
 STATE COUNTY PERMIT

ELEVATION: 1152.08'  
 QUADRANGLE: POWHATAN POINT, W. VA./OHIO  
 ACREAGE: 126.99  
 ACREAGE: 126.99

ESTIMATED DEPTH: TVD: 6,360' ± TMD: 16,612' ±  
 DESIGNATED AGENT: STEVEN M. GREEN  
 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590  
 City CHARLESTON State WV Zip Code 25301





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

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

- Well Pad
- Noble Access Road
- Easement
- Well Pad Boundary
- 1,500' Buffer
- Contour
- Survey
- Pipeline Corridor/Address

0 250 500 1,000  
Feet  
1 Inch = 500 Feet

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

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