

Well is located on topo map 718 feet south of Latitude: 39° 50' 00"

Well is located on topo map 10,488 feet west of Longitude: 80° 45' 00"

# AS DRILLED PLAT

**LEGEND**

- TOPO MAP POINT
- WELL
- ALL ARE POINTS UNLESS OTHERWISE NOTED
- WATER SOURCE
- LEASE NUMBER BASED ON ATTACHED WW-6A1
- MINERAL TRACT BOUNDARY
- PARCEL LINES
- WELL REFERENCE
- PROPOSED HORIZONTAL WELL
- ROAD
- STREAM CENTER LINE
- AS DRILLED

**WELLS WITHIN 2,400'**

- EXISTING WELLS
- PLUGGED WELLS

**PERMITTED BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4411345.43  
 E:516125.54  
 NAD27, WV NORTH  
 N:495085.570  
 E:1631745.167

**AS DRILLED BOTTOM HOLE LOCATION (BHL)**  
 UTM 17-NAD83  
 N:4411352.24  
 E:516125.91  
 NAD27, WV NORTH  
 N:495107.907  
 E:1631746.764

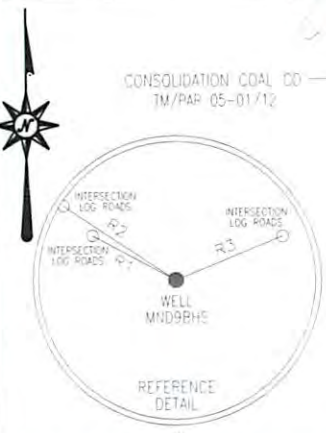
**PERMITTED APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4409000.06  
 E:517826.90  
 NAD27, WV NORTH  
 N:487295.863  
 E:1637199.579

**AS DRILLED APPROX. LANDING POINT**  
 UTM 17-NAD83  
 N:4409017.05  
 E:517818.18  
 NAD27, WV NORTH  
 N:487352.092  
 E:1637171.923

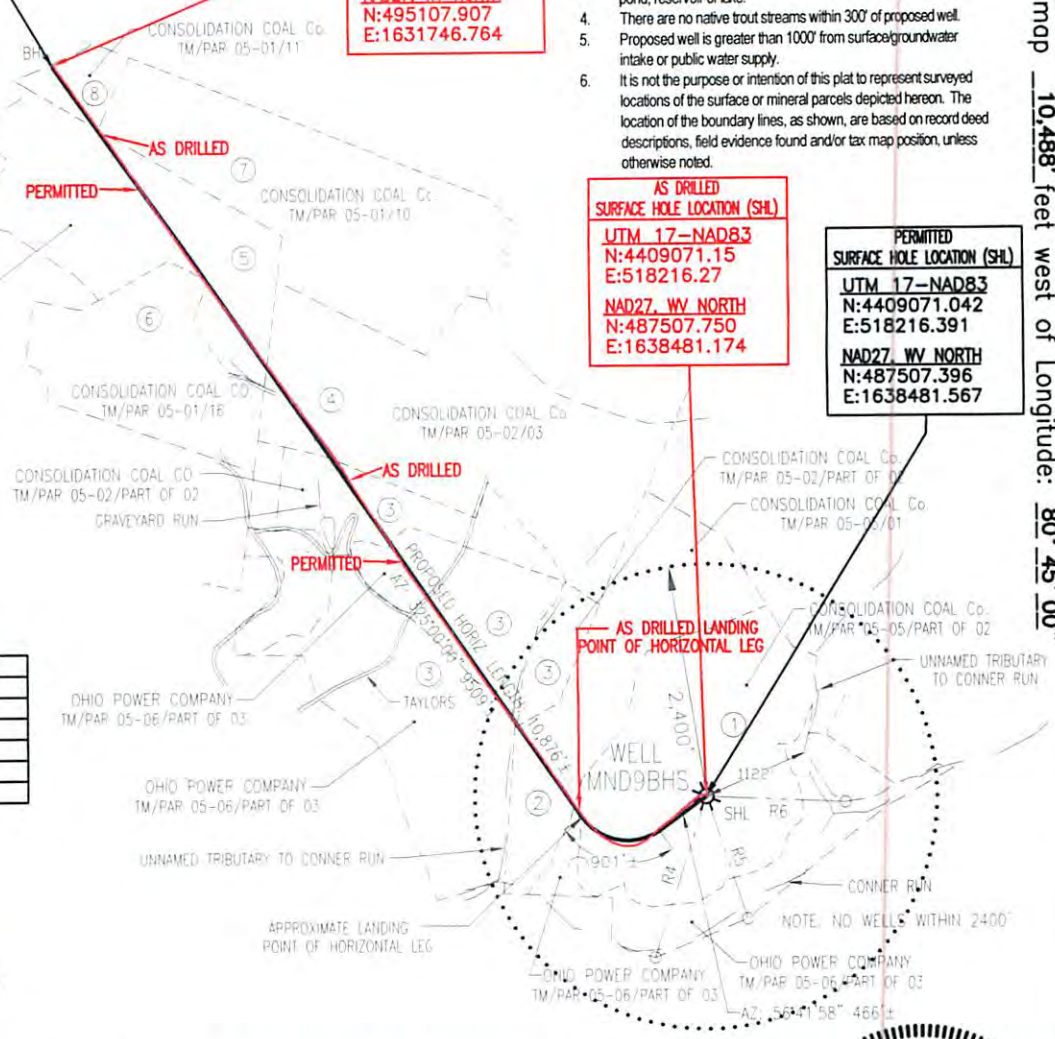
- NOTES:
- There are no water wells or developed springs within 250' of proposed well.
  - There are no existing buildings within 625' of proposed well.
  - Proposed well is greater than 100' from perennial stream, wetland, pond, reservoir or lake.
  - There are no native trout streams within 300' of 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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.

**AS DRILLED SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4409071.15  
 E:518216.27  
 NAD27, WV NORTH  
 N:487507.750  
 E:1638481.174

**PERMITTED SURFACE HOLE LOCATION (SHL)**  
 UTM 17-NAD83  
 N:4409071.042  
 E:518216.391  
 NAD27, WV NORTH  
 N:487507.396  
 E:1638481.567



LINE	BEARING	DISTANCE
R1	N 67°14'25" W	200.62'
R2	N 60°09'42" W	286.13'
R3	N 71°41'30" E	237.47'
R4	S 17°57'31" W	1738.81'
R5	S 18°39'35" E	1325.91'
R6	S 87°37'19" E	1445.55'



**Blue Mountain Inc.**  
 11023 MASON DIXON HIGHWAY  
 BURTON, WV 26562  
 PHONE: (304) 662-6486

FILE #: MND9BHS-AS DRILLED  
 DRAWING #: MND9BHS-AS DRILLED  
 SCALE: 1" = 2000'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: U.S.G.S. MONUMENT THOMAS 1498.81'

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.: \_\_\_\_\_ L.L.S.: P.S. No. 2000



(+) DENOTES LOCATION OF WELL ON UNITED STATES TOPOGRAPHIC MAPS WVDEP  
 OFFICE OF OIL & GAS  
 601 57TH STREET  
 CHARLESTON, WV 25304



DATE: OCTOBER 21, 2014  
 OPERATOR'S WELL #: MND9BHS-AS DRILLED  
 API WELL #: 47 51 01626  
 STATE COUNTY PERMIT

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

WATERSHED: CONNER RUN ELEVATION: 1229.40'  
 COUNTY/DISTRICT: MARSHALL / FRANKLIN QUADRANGLE: POWATAN POINT, WV-OH 7.5'  
 SURFACE OWNER: CONSOLIDATION COAL COMPANY ACREAGE: 123.244±  
 OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1 ACREAGE: 774.032±

DRILL  CONVERT  DRILL DEEPER  REDRILL  FRACTURE OR STIMULATE   
 PLUG OFF OLD FORMATION  PERFORATE NEW FORMATION  PLUG & ABANDON   
 CLEAN OUT & REPLUG  OTHER CHANGE  (SPECIFY): \_\_\_\_\_

TARGET FORMATION: MARCELLUS ESTIMATED DEPTH: TVD: 6,327'± TMD: 16,756'±  
 WELL OPERATOR NOBLE ENERGY INC. DESIGNATED AGENT STEVEN M. GREEN  
 Address 333 TECHNOLOGY DRIVE Address 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 1001  
 City CANONSBURG State PA Zip Code 15317 City CHARLESTON State WV Zip Code 25301

12/12/2014