

Well is located on topo map 698' feet south of Latitude: 39° 50' 00"

Well is located on topo map 10,483' feet west of Longitude: 80° 45' 00"

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, are based on record deed descriptions, field evidence found and/or tax map position, unless otherwise noted.



**LEGEND**

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

**WELLS WITHIN 2,400'**

- - EXISTING WELLS
- - PLUGGED WELLS

**AS DRILLED PLAT**

AS DRILLED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83  
N:4411350.64  
E:516402.05  
NAD27, WV NORTH  
N:495087.483  
E:1632652.810

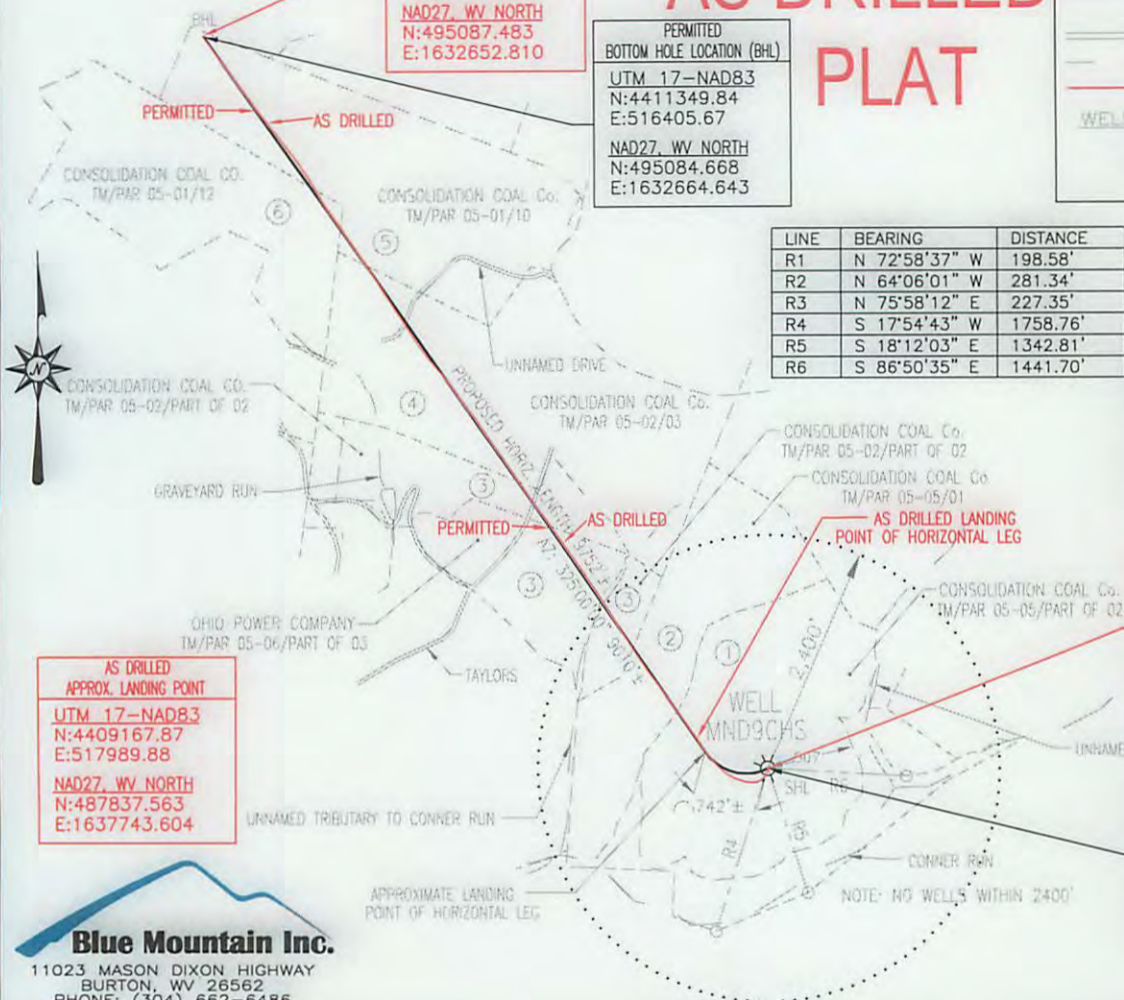
PERMITTED  
BOTTOM HOLE LOCATION (BHL)  
UTM 17-NAD83  
N:4411349.84  
E:516405.67  
NAD27, WV NORTH  
N:495084.668  
E:1632664.643

LINE	BEARING	DISTANCE
R1	N 72°58'37" W	198.58'
R2	N 64°06'01" W	281.34'
R3	N 75°58'12" E	227.35'
R4	S 17°54'43" W	1758.76'
R5	S 18°12'03" E	1342.81'
R6	S 86°50'35" E	1441.70'

PERMITTED  
APPROX. LANDING POINT  
UTM 17-NAD83  
N:4409127.78  
E:518017.58  
NAD27, WV NORTH  
N:487704.513  
E:1637832.284

AS DRILLED  
SURFACE HOLE LOCATION (SHL)  
UTM 17-NAD83  
N:4409077.01  
E:518217.68  
NAD27, WV NORTH  
N:487526.905  
E:1638486.130

PERMITTED  
SURFACE HOLE LOCATION (SHL)  
UTM 17-NAD83  
N:4409077.001  
E:518217.778  
NAD27, WV NORTH  
N:487526.875  
E:1638486.445



AS DRILLED  
APPROX. LANDING POINT  
UTM 17-NAD83  
N:4409167.87  
E:517989.88  
NAD27, WV NORTH  
N:487837.563  
E:1637743.604

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

FILE #: MND9CHS-AS DRILLED  
DRAWING #: MND9CHS-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

**GEORGE D. SIX**  
LICENSED  
No. 2000  
STATE OF WEST VIRGINIA  
PROFESSIONAL SURVEYOR

PLACE SEAL HERE

(+) 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 #: MND9CHS-AS DRILLED  
API WELL #: 47     51     01627  
STATE     COUNTY     PERMIT

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

WATERSHED: CONNER RUN     ELEVATION: 1226.69'

COUNTY/DISTRICT: MARSHALL / FRANKLIN     QUADRANGLE: POWHATAN POINT, WV-OH 7.5'

SURFACE OWNER: CONSOLIDATION COAL COMPANY     ACREAGE: 123.244±

OIL & GAS ROYALTY OWNER: SEE ATTACHED WW-6A1     ACREAGE: 685.95±

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: 6,600'±     TMD: 16,038'±

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