Well is located on topo map 16,173 feet south of Latitude: 40° 09' 00".

LEGEND

TOPO MAP POINT
PROPOSED WELL
WATER SOURCE
LEADED RIVER BANK OR ATTACHED WADY
ALL ARE POINTS LESSER OTHERWISE NOTED
MINERAL TRACT
BOUNDARY
PROPOSED MINERAL TRACT
WELL REFERENCE
SUBSURFACE WATERWAY
FOG

WELLS WITHIN 3000'
EXISTING GAS WELL
RECORD GAS WELL

LINE NO. | HEARING | DISTANCE | NOTES |
--- | --- | --- | --- |
1 | 104' | 263.75' | 1. There are no new oil or waste disposal tanks within 250' of proposed well. |
2 | 104' | 417.67' | 2. There are no barriers within 625' of proposed well. |
3 | 104' | 399.48' | 3. Proposed well is greater than 100' from perennial streams, watercourse, septic tank, or water supply. |
4 | 104' | 100.48' | 4. These no hazardous waste storage within 300' of proposed well. |
5 | 104' | 292.09' | 5. Proposed well is greater than 1000' from surface aquifer storage or public water supply. |

FILE #: SHL 27 MHS
DRAWING #: SHL 27 MHS
SCALE: 1" = 1500' MINIMUM DEGREE OF ACCURACY: 1/2500

PROVEN SOURCE: USGS MONUMENT OF ELEVATION U 204, 983.18

(+) DENOTES LOCATION OF WELLS ON UNITED STATES TOPOGRAPHIC MAPS

WVT DEP.
OFFICE OF OIL & GAS 601 57TH STREET CHARLESTON, WV 25304

Well Type: [ ] Oil [ ] Waste Disposal [X] Production [ ] Deep

[ ] Gas [ ] Liquid Injection [ ] Storage [X] Shallow

WATERSHED: WHEELING CREEK
COUNTY/DISTRICT: MARSHALL / WEBSTER
SURFACE OWNER: STEVE HARD & ED HARD
OIL & GAS ROYALTY OWNER: COUNTY MINERALS, LLC

DRILL: [X] CONVERT [X] DRILL DEEPER [ ] REDRILL [ ] FRACTURE OR STIMULATE [ ]
PLUG OFF OLD FORMATION [ ] PERFORATE NEW FORMATION [ ] PLUG AND ABANDON [ ]
CLEAN OUT & REPLUG [ ] OTHER CHANGE: [ ]

TARGET FORMATION: MARCELLUS WELL OPERATOR: NOBLE ENERGY, INC.
Address: 333 TECHNOLOGY DRIVE, SUITE 116
City: CANONSBURG State: PA Zip Code: 15317

APR NO. 005-047413 005-047418 005-047419 005-047420

NOTE: 1. There are no new oil or waste disposal tanks within 250' of proposed well.
2. There are no barriers within 625' of proposed well.
3. Proposed well is greater than 100' from perennial streams, watercourse, septic tank, or water supply.
4. These no hazardous waste storage within 300' of proposed well.
5. Proposed well is greater than 1000' from surface aquifer storage or public water supply.
6. It is the purpose of issuance of this plat to represent the location of the surface or subsurface mineral deposits shown. The location of the boundary lines, as shown, and based on recent field descriptions, field evidences found and/or tax map position, unless otherwise noted.

SIGNED: [Signature]
R.P.E.: [Signature]
L.L.S. / P.S. NO. 819

OPERATOR'S WELL #: SHL 27 MHS
API WELL #: 01819 MHS
STATE: WV COUNTY: PERMIT

ESTIMATED DEPTH: TVD 5,527' - TMD 9,927' DESIGNATED AGENT: STEVEN M. GREEN

ADDRESS: 560 VIRGINIA STREET EAST, UNITED CENTER SUITE 500 CHARLESTON
STATE: WV ZIP CODE: 25301

04/03/2015