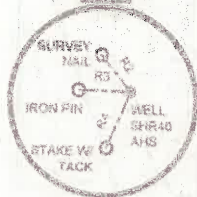


Well is located on topo map 601 feet south of Latitude: 39° 26' 00"

Well is located on topo map 333 feet west of Longitude: 80° 50' 00"

**REFERENCE METAL**



**SURFACE HOLE LOCATION (SH)**

UTM 17 - NAD83  
 N: 4382847.122  
 E: 514245.726  
 NAD27, WY NORTH  
 N: 336042.755  
 E: 1622922.654  
 LAT/LON DATUM-NAD83  
 LAT: 39.415026  
 LON: -80.834513

**APPROX LANDING POINT**

UTM 17 - NAD83  
 N: 4360265.085  
 E: 514814.302  
 NAD27, WY NORTH  
 N: 335939.250  
 E: 1624787.440  
 LAT/LON DATUM-NAD83  
 LAT: 39.314817  
 LON: -80.827909

**BOTTOM HOLE LOCATION**

UTM 17 - NAD83  
 N: 4360267.218  
 E: 515793.930  
 NAD27, WY NORTH  
 N: 327491.870  
 E: 1627862.030  
 LAT/LON DATUM-NAD83  
 LAT: 39.391752  
 LON: -80.816589

**LINE TABLE**

LINE	BEARING	DISTANCE
R2	038°24'11"E	251.27'
R3	088°41'55"E	252.57'
R4	123°26'07"E	323.84'
R5	164°29'50"E	553.44'
R8	153°08'18"W	801.95'

**LEGEND**

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

**WELLS WITHIN 3000'**

- EXISTING GAS WELL
- RECORD GAS WELL



- 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 potential 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 plan 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.



Waterfront Corporate Park III, Suite 101  
 2000 Georgetown Drive  
 Sewickley, PA 15143-8992  
 Phone: 724-444-1100

FILE #: SHR 40 AHS  
 DRAWING #: SHR 40 AHS  
 SCALE: 1"=2500'  
 MINIMUM DEGREE OF ACCURACY: 1/2500  
 PROVEN SOURCE OF ELEVATION: USGS MONUMENT A 142.724.81'

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: *Charles Douglas Davidson*  
 R.P.E.: \_\_\_\_\_ 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

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

WATERSHED: MIDDLE ISLAND CREEK  
 COUNTY/DISTRICT: CENTERVILLE / TYLER  
 SURFACE OWNER: NOBLE ENERGY, INC  
 OIL & GAS ROYALTY OWNER: DAVID L. MAPLE, 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: CANONSBURG State: PA Zip Code: 15317



DATE: SEPTEMBER 4, 2014  
 OPERATOR'S WELL #: SHR 40 AHS  
 API WELL # 47 095 02206  
 STATE COUNTY PERMIT

ELEVATION: 771'  
 QUADRANGLE: SHIRLEY, W. VA  
 ACREAGE: 572.64  
 ACREAGE: 357.43

ESTIMATED DEPTH: TVD: 6,379' ± TMD: 16,217' ±  
 DESIGNATED AGENT: STEVEN M. GREEN  
 Address: 500 VIRGINIA STREET EAST, UNITED CENTER SUITE 590  
 City: CHARLESTON State: WV Zip Code: 25301