**Surface Hole Location (SLH):**

| UTM (NAD83, Zone 17, Meters) | Northings: 4,432,856.691 | Eastings: 531,098.859 |

**Landing Point Location (LPL):**

| UTM (NAD83, Zone 17, Meters) | Northings: 4,432,178.844 | Eastings: 531,165.486 |

**Bottom Hole Location (BBL):**

| UTM (NAD83, Zone 17, Meters) | Northings: 4,430,796.615 | Eastings: 526,634.843 |

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**SURFACE HOLE INFORMATION**

- **Company:** SWN Production Company, LLC
- **Field:** SWN Production Company, LLC
- **Drill Site:** SWN Production Company, LLC
- **Surface Hole:** BETTY SCHAFFER MSH - 5H
- **Surface Hole Location:** 849.0' ELEV.

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**Well Information**

- **Well Type:** OIL, WASTE DISPOSAL
- **Production:** DEEP GAS
- **Watershed:** LITTLE WHEELING CREEK
- **District:** SAND HILL
- **Surface Owner:** BETTY JANE SCHAFFER

- **Operational Data:**
  - **API Well #:** 47
  - **State:** 51
  - **County:** Permit 01872

- **Minimum Degree of Accuracy:** 1/200

- **Survey Source:** GRADE GPS

- **Elevation:** ELEVATION: 849.0'

- **Acreage:** QUADRANGLE: WOODSVILLE, WV
  - ACREAGE: ±205.05'

- **Depth:** PLUG OFF OLD FORMATION

- **Target Formation:** MARCELUS

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**Proposed Surface Hole / Bottom Hole**

- **Location:** MARCELUS DIP
- **Abandoned:**
  - **Existing:** 0
  - **Proposed:** 0

**Notes:**

- **Date:** 11/27/2015
- **Revisions:**
  - **12/27/2015**
  - **11/27/2015**

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**Acknowledgement**

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 regulations issued and prescribed by the department of environmental protection.

P.S. 2315

(-) Denotes location of well on United States Topographic Maps.