



API# 4703300862

Company CONSOLIDATED GAS SUPPLY Formation BENSON SAND  
 Well W. W. WOLFE NO. 11861 County HARRISON  
 Field \_\_\_\_\_ State WEST VIRGINIA

SUMMARY OF ROUTINE PERMEABILITY, POROSITY AND KLINKENBERG  
PERMEABILITY AS A FUNCTION OF OVERBURDEN PRESSURE

| Sample Identification | Depth Feet | Effective Overburden Pressure, Psi |      | Porosity Percent | Klinkenberg Permeability *<br>Millidarcys |
|-----------------------|------------|------------------------------------|------|------------------|---|
|                       |            | Permeability to Air<br>Millidarcys | 2250 |                  |   |
| 1D                    | 4510.5     | 0.37                               |      | 11.4             | 0.1256                                    |
| 2D                    | 4511.5     | 0.07                               |      | 10.0             | 0.0725 ***                                |
| 3D                    | 4512.0     | 0.31                               |      | 11.6             | 0.1081 ***                                |
| 4D                    | 4512.5     | 0.30                               |      | 11.7             | 0.0523 ***                                |
|                       |            |                                    |      |                  | 0.1328 ***                                |
|                       |            |                                    |      |                  | 0.0779 ***                                |
|                       |            |                                    |      |                  | 0.1410 ***                                |
|                       |            |                                    |      |                  | 0.1022 ***                                |

\* Permeability to Nitrogen  
 \*\* Fractured Core Plug  
 \*\*\* Measured at 56% Water Saturation