

R. H. Wood No. 4 Well

Sherman District, Boone County, W. Va.

By Columbian Carbon Company, Box 1240, Charleston, W. Va.

Located, 3.0 mi. W. of 81°35' and 3.6 mi. S. of 38°10' -C\* Peytona Quadrangle;

1 mile N.W. of Seth.

Elevation, 1376 feet, L.

Permit, Boo - 410 D  
Completed October 12, 1938.

Small gas well in shales, dry in Oriskany.

Top Bottom Thickness

|                                    |      |      |   |
|------------------------------------|------|------|---|
| 2718                               | 2729 | 11   | Shale, brown, (from driller's record)   |
| 2729                               | 2742 | 13   | Berea Sand (from driller's record)  |
| <u>Devonian Shales, 2757 feet</u>  |      |      |   |
| 2742                               | 5317 | 2575 | Samples not examined  |
| <u>Huntersville Chert, 90 feet</u> |      |      |   |
| 5317                               | 5323 | 6    | Limestone, gray and brown, cherty; with a few pieces of brown rock containing pyrite and biotite  |
| 5323                               | 5356 | 33   | Chert and cherty limestone, gray to brownish  |
| 5356                               | 5384 | 28   | Chert, gray, highly calcareous, with varying amount of calcareous and cherty, glauconitic siltstone; many small rhombs of dolomite; clear secondary quartz crystals in cavities in chert from 5371 to 5379; some samples may be predominantly limestone rather than chert |
| 5384                               | 5389 | 5    | Sandstone, brownish-gray, fine, calcareous, partly cherty; contains small amount of dolomite, glauconite and pyrite; larger quartz grains are rounded   |
| 5389                               | 5391 | 2    | Chert, gray, highly calcareous, silty, containing a little glauconite and dolomite  |
| 5391                               | 5404 | 13   | Siltstone, gray to dark-gray, cherty, calcareous, glauconitic, with some dolomite and pyrite; texture of detrital quartz is almost coarse enough to make the rock a sandstone   |
| 5404                               | 5406 | 2    | Chert, dark-gray, silty, dolomitic, glauconitic, pyritic, contains little or no calcite   |
| 5406                               | 5407 | 1    | Sandstone, dark-gray, glauconitic, somewhat calcareous and partly cherty; mostly fine to very fine but there are some larger rounded quartz grains, probably derived  |

Top Bottom Thickness

from the underlying sandstone

Oriskany Sandstone, 10 feet

5407 5417 10 Sandstone, gray, calcareous, medium to fine-grained;  
larger grains rounded

Helderberg Limestone, 27+ feet

5417 5422 5 Limestone, gray, crystalline with much gray chert  
5444 Total depth