

**ABIGHT #1**  
**Union Oil Company**  
**Clay District, Ritchie County, W. Va.**

- 2454-64 Siltstone, gray, slightly calcareous, very micaceous and argillaceous
- 2464-68 Shale, gray and red
- 2468-73 Siltstone, gray, very micaceous, very argillaceous
- 2473-83 Siltstone, gray, micaceous, argillaceous, shaly
- 2483-98 Siltstone, gray as above and shale
- 2498-2500 Sandstone, light gray, very fine, white angular quartz grains, calcareous, slightly silty, and argillaceous, trace of fluorescence, may be due to hydrocarbons
- 2500-16 Sandstone, white to light gray, very fine, angular quartz grains, slightly calcareous, argillaceous, silty, micaceous
- 2516-20 Shale, gray, silty
- 2520-32 Sandstone, white to light gray, very fine grained, angular, slightly calcareous, argillaceous, silty micaceous shaly in thin streaks probably
- 2532-36 Shale, gray, silty
- 2536-48 Sandstone, white to light gray, very fine grained, angular, silty argillaceous, almost a siltstone
- 2548-62 Sandstone, light gray, very fine grained, angular, tightly cemented, silty argillaceous, clayey streaks
- 2562-67 Shale, gray and siltstone, light gray and dark gray
- 2567-74 Sandstone, white to light gray, very fine grained, angular, silty, argillaceous
- 2574-80 Shale, gray and siltstone gray
- 2580-88 Sandstone, white, subangular, white to glassy, very fine quartz grains, slightly calcareous, slightly silty, some pieces oil stained, show hydrocarbon fluorescence under ultra-violet light, sand in this sample mostly in aggregates, some of the above is fairly clear
- 2588-94 Sandstone, light gray to light brownish gray, very fine to fine, angular to subangular, white quartz grains, silty, slightly micaceous, some small aggregates but drilled to individual sand grains mostly, slight trace of hydrocarbons under ultra-violet light.
- 2594-2602 Shale, gray, silty, and some siltstone, gray
- 2602-13 Sandstone, light gray, very fine to fine grained, angular, silty somewhat shaly.
- 2613-22 Shale, gray, very silty

## ABIGHT #1

- 2622-34 Shale, gray, silty, slightly sandy, micaceous
- 2634-48 Sandstone, light brown and light green, very fine grained, angular to subangular, slightly silty and calcareous slightly fluorescence under ultra violet light
- 2648-54 Shale, gray, silty
- 2654-62 Sandstone, light grayish green to light tan, very fine, sub-angular, white quartz grains, slightly silty, drilled to very small aggregates and grains. Traces of fluorescence under ultra violet light.
- 2662-78 Sandstone, as above, but siltier, and shaly alternating with siltstone and shale
- 2678-81 Shale, gray
- 2681-88 Sandstone, white, light brown and light green, very fine to fine, angular, white quartz grains, silty, slightly shaly and micaceous, traces of fluorescence
- 2688-94 Siltstone, light gray and shaley, silty, gray
- 2694-2702 Sandstone, gray, fine to medium angular and white to gray quartz grains, shaly, silty
- 2702-28 Siltstone, sandstone and shale alternating mostly gray, in color. Shale is very silty and sandy
- 2728-33 Sandstone, gray, very fine grained, silty
- 2733-38 Shale, gray, silty and siltstone, gray
- 2758-62 Siltstone to sandstone, light brown to brown, sand is very fine angular clear quartz grains, very silty and argillaceous calcareous, trace of fluorescence by ultra violet light
- 2762-72 Shale, gray.