

EDWARD COMBS #1 WELL

County: Mercer - #3

Operating

Company: United Fuel Gas Co. #8010

Farm Name: Edward Combs #1

Well Location: Beaver Pond District, Mercer County

W. C. Bluefield Quadrangle - Scale 1/62,500

4.80 miles S. Lat. 37°25'

1.83 miles W. Long. 81°10'

Elevation: 2755.79'

Drilling Completed: August 24, 1954

Total Depth: 3266'

Examined By: Wallace R. McCord

Depth

0 - 880'	Not Examined
	MAUCH CHUNK SERIES (Bluefield Group)
880 - 902'	Siltstone: 65% lt-gray, micaceous, argillaceous siltstone. 30% med to med dk-gray shale
902 - 910'	Shale: 70% med lt-gray to med-gray, silty, micaceous, pyritic; contains calcareous streaks and streaks of lt-gray siltstone. 20% med dk-gray to dk-gray, dark carbonaceous shale
910 - 917'	Shale: Med lt-gray to dk-gray, micaceous, slightly silty. 5% dark carbonaceous, pyritic shale
917 - 926'	Shale: Med to dk-gray, micaceous, slightly silty. 10% dark carbonaceous shale
926 - 936'	Shale: Med to dk-gray, micaceous, slightly carbonaceous; contains streaks of med dk-gray, highly argillaceous limestone
936 - 950'	Shale: Med to med dk-gray, micaceous, pyritic; contains streaks of med dk-gray, highly argillaceous limestone
950 - 963'	Siltstone: 65% very lt to lt-gray, slightly calcareous siltstone. 30% med to med dk-gray, slightly to moderately calcareous shale; contains a few streaks of calcite and highly argillaceous limestone
963 - 970'	Shale: Med lt-gray to med-gray, slightly to moderately calcareous, slightly micaceous; contains a few streaks of highly argillaceous limestone
970 - 990'	Shale: Mostly med-gray, highly silty, micaceous, slightly calcareous
990 - 1017'	Shale: Med to med dk-gray, calcareous, slightly silty, slightly pyritic; contains a few streaks of med dk-gray, highly argillaceous limestone

Depth

- 1017 - 1035' Siltstone: 60% med-gray, slightly to moderately calcareous, highly argillaceous, very shaly, micaceous, slightly pyritic siltstone.  
40% med-gray, highly silty shale
- 1035 - 1050' Shale: Med to med dk-gray, slightly to moderately calcareous, highly silty, micaceous, pyritic; contains streaks of med-gray, highly argillaceous, silty limestone
- 1050 - 1057' Shale: Med to dk-gray, slightly to highly calcareous, slightly pyritic, in part carbonaceous and slightly silty
- 1057 - 1075' Shale: Med to med dk-gray, slightly to highly calcareous, slightly silty, in part slightly carbonaceous and micaceous; contains streaks and very thin beds of med-gray, highly argillaceous limestone
- 1075 - 1083' Shale: Same as above except more carbonaceous and contains a thin seam of coal
- 1083 - 1101' Siltstone: Med-gray to grayish-brown with a little light reddish-brown, highly argillaceous, micaceous, slightly pyritic, in part slightly carbonaceous. 25% of this interval is very fine-grained, highly angular sandstone
- 1101 - 1119' Sandstone: Lt-gray to lt olive-gray, very fine-grained, highly angular, tightly cemented, micaceous, in part slightly argillaceous.  
40% of this interval is micaceous siltstone
- 1119 - 3266' (T.D.) Not Examined