

6-13-50  
C

Luella Harrison No. 9333 Well.

Union District, Jackson County, W. Va.

By Hope Natural Gas Company, <sup>Clarksburg</sup> ~~Charleston~~, W. Va.

Located 3.8 Mi. S. of 38° 53' and .2 Mi. W. of 81° 50'

Ravenswood Quadrangle - C

Elevation 709' L

Permit - Jackson 857

Section based on samples from 4207 to 4314, examined by Russell R. Flowers.

Top	Bottom	Thickness	
4207	4215	8	Shale, dark-gray to brownish-black, some black (carbonaceous)
4215	4219	4	Shale, brownish-black to black, highly carbonaceous, pyritic in part
<u>Muntersville Chert, 95, plus, feet.</u>			
4219	4231	11	Limestone, brownish-gray to brownish-black, very shaly, cherty; a very large amount of brownish-black to black shale (cavings)
4231	4243	12	Limestone, brownish-gray to <del>xxxxx</del> medium gray, some brownish-gray to brownish-black, very shaly, very cherty in the lower part, dolomitic
4243	4246	3	Chert (calcareous) to limestone (very cherty), medium dark gray to brownish-gray (more gray than the above interval), dolomitic
4246	4255	9	Chert, brownish-gray with light-gray spots and streaks, very highly calcareous with spots of limestone (shaly), dolomitic, somewhat dolomitic in the lower part
4255	4270	15	Chert, brownish-black (very shaly) to brownish-gray, very light to medium-gray and brownish-gray, highly calcareous and some cherty, shaly limestone
4270	4273	3	Chert, very light gray to brownish-gray, a little brownish-black, very highly calcareous

4273	4278	5	Chert, very light to light-gray, very highly calcareous, dolomitic
4278	4279	1	Chert, very light gray to brownish-gray, highly calcareous, dolomitic, somewhat silty
4279	4283	4	Siltstone to dolomite (very silty), very light gray to pinkish-gray, highly calcareous, cherty
4283	4285	2	Siltstone, (cherty) to chert (silty), very light gray to light brownish gray, highly calcareous, highly dolomitic
4285	4288	3	Chert, light-gray to light brownish gray, very silty to cherty siltstone, dolomitic, highly calcareous, somewhat shaly in the lower part
4288	4295	7	Limestone (silty) to siltstone (highly calcareous), light brownish gray, very cherty in the upper part, dolomitic, slightly dolomitic at the bottom
4295	4298	3	Limestone, very light gray to pinkish-gray, cherty, sandy (very fine), and silty, somewhat dolomitic
4298	4302	4	Limestone, pinkish-gray to pale yellowish brown, very sandy (very fine to medium, rounded), slightly glauconitic, dolomitic
4302	4306	4	Sandstone (highly calcareous) and some limestone (sandy), light-gray to brownish-gray, very fine to fine-grained, some medium (rounded) grains, silty, somewhat dolomitic, contains a very small amount of glauconite
4306	4309	3	Sandstone (highly calcareous) to limestone (sandy), light-gray to medium-gray and brownish gray, silty, slightly glauconitic, slightly dolomitic
4309	4314	5	Limestone, light-gray to brownish-gray, some brownish-gray to dark gray (very shaly), very sandy (very fine), very silty, cherty
4314			TOTAL DEPTH