

C

W. J. MCKENZIE No. 1 WELL.

By United Fuel Gas Co. and R. H. Adkins, Hamlin, W. Va.

Harts Creek District, Lincoln County, W. Va.

Located 4.28 Mi. S. of 38° 05' and .66 Mi. W. of 82° 05' Long. ~~SS~~ —

Midkiff Quadrangle.

Permit Lin. 349.

Elevation 791.50 L.

Drilling commenced August 29, 1950; completed December 16, 1950.

Shot 12-19-50 from 2715' to 3474' with 5153-1/3# gelatin.

Fresh water 200'; 304' 2 BPH.

Salt water 810'.

Gas well; Volume 969 M-Line, 273M - Shale gas 1460', 16/10M in 2", 622M;
1465', 20/10M 2", 692M, gas show 2725' Shale gas 3045', 3150', 3185', 3270',
3500'.

Casing 7", 1412'; 5 1/2", 1652'.

Section based on samples from 1595' to 1576'; examined by Russell R. Flowers.

Top Bottom Thickness

GREENBRIER LIMESTONE, 180 FEET.

Top	Bottom	Thickness	Description
1393	1400	7	Limestone-collites, pale yellowish brown to light olive gray, some olive gray, medium grained; some greenish gray to medium dark gray and dark gray, argillaceous limestone to shale (top of Big Lime - driller's log)
1400	1413	13	Limestone, light olive gray to olive gray, small amount of brownish black, somewhat silty, slightly sandy, fossiliferous (Foraminifera)
1413	1425	12	Limestone, light olive gray, some olive gray, silty, fossiliferous (foraminifera)
1425	1435	10	Limestone, olive gray, pale yellowish brown to dark yellowish brown, somewhat silty
1435	1453	18	Limestone-collites, light olive gray, slightly silty, very slightly sandy
1453	1460	7	Limestone, yellowish gray to light olive gray
1460	1480	20	Limestone-collites, pale to dark yellowish brown, mostly pale yellowish brown in the middle part, very fine to fine grained, silty (coarse) in the lower part, slightly sandy (very fine to medium grained, rounded) at the bottom
1480	1493	13	Limestone, light olive gray to olive gray and greenish gray, some pale brown, slightly silty
1493	1510	17	Limestone-collites, pale to dark yellowish brown, very fine to fine grained
1510	1525	15	Limestone (dolomitic) at the top to dolomite (calcareous) at the bottom, light olive gray, some olive gray
1525	1553	28	Limestone-collites (at top), pale yellowish brown to light olive gray, dolomitic to a dolomitic, highly collitic, yellowish gray limestone in the lower part
1553	1573	20	Dolomite, very pale orange to grayish orange pink, highly calcareous, very silty
1573	1576	3	<i>MACCRADY FORMATION 3 FEET</i> Siltstone, very dusky red to grayish red, small amount of greenish gray to medium dark gray