

LATITUDE 38°25'

+ 1,40 S
3.97 W

LONGITUDE 81°20'

7'5 OGIS topo location

7.5' loc _____ 15' loc _____
 (calc.)

Company United Fuel

Farm Thomas Carpenter 2

Quad Clendenin 15'

County Kanawha

District EIK

WELL LOCATION MAP

File No. 40742 70769

773 in 1914 WUGES

Kanawha County Report

	Thickness Feet.	Total Feet.
Conductor	16	16
Sand	114	130
Slate	220	350
Sand	25	375
Slate	45	420
Lime	60	480
Slate	15	495
Lime	35	530
Sand	346	876
Coal	4	880
Slate	20	900
Lime	40	940
Sand	150	1090
Red rock	100	1190
Lime	30	1220
Slate	5	1225
Little Lime.....	30	1255
Slate	3	1258
Lime	10	1268
Pencil Cave.....	10	1278
Big Lime	150	1428
Red rock	55	1483
Sand, Big Injun	87	1570
Slate	2	1572
Sand, Squaw	88	1660
Slate	2	1662
Sand, Weir, gas	13	1675

"Gas well; hole full of water at 600'; gas at 1394'; main gas pay, 1667'-1675'. Production figured from pressure to be 11,711,000 cu. ft. daily."

This well begins about 40 feet under the Kanawha Black Flint, and the coal encountered at 880 feet is one of the New River beds.

Thomas Carpenter No. 2 Well Record (773).

Located in Elk district on Blue Creek, one-fourth mile north of Laurel Fork. Completed November 30, 1912. Authority, United Fuel Gas Company. Elevation 655' B.

	Thickness Feet.	Total Feet.
Quick sand	46	46
Sand	14	60
Slate	140	200
Lime	20	220
Slate	25	245
Sand	5	250
Coal, Winifrede	5	255
Slate	35	290
Sand	10	300

	Thickness Feet.	Total Feet.
Slate	15	315
Sand	25	340
Slate	15	355
Sand	20	375
Slate	60	435
Sand	270	705
Coal	5	710
Sand	90	800
Coal	5	805
Slate	20	825
Lime	45	870
Sand	140	1010
Red rock	95	1105
Sand, Maxton	35	1140
Slate	5	1145
Little Lime	30	1175
Slate	2	1177
Lime shells	3	1180
Pencil Cave	8	1188
Lime shells	2	1190
Pencil Cave	14	1204
Big Lime	160	1364
Sand, Big Injun	50	1414
Sand, Squaw	166	1580
Gas sand, Weir	10	1590
Black lime to bottom	2.5	1592.5
"Gas well; hole full of water at 60'; salt water at 640'; gas in Big Lime at 1260'; gas in Squaw sand at 1585'. Gauge in July, 1909, 5,252,- 000 cu. ft. daily."		

The well begins about 100 feet under the Kanawha Black Flint, and from the record it would appear that the "Weir" sand in which the gas occurs is merely the basal portion of the "Squaw" sand.

THE HACKBERRY OIL FIELD.

The Hackberry oil field has been developed from the head of Fullers creek in Big Sandy district, near the mouth of Hackberry Branch of said creek, in a southern direction for a distance of about 2 miles. Its width thus far (July 1, 1913) is about one mile.

Several records will now be given of the wells in this field: