

LATITUDE 38°50'

LONGITUDE 81°30'

+ 4.82 S
 1.72 W

7.5 OGIS topo location

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

Company Carter Oil Co
 Farm EF Thomas I
 Quad _____
 County Jackson
 District Washington

WELL LOCATION MAP
 File No. 035-70079
 #46 in 1911 WVGES
 Jackson County Report

45), located on Elk Jackson county, and 1910, the record of Lee Cady of Spencer, B.:

Total Feet.	
10	Dunkard Series. 40'
40	
50	
90	
110	
125	
135	Monongahela Series. 290'
145	
160	
175	
210	
225	
235	
330	
370	
375	
385	
425	
450	
460	Conemaugh Series. 545'
610	
620	
705	
725	
765	
875	
945	
970	Allegheny Series. 225'
1085	
1100	
1150	
1155	
1205	
1235	Pottsville Series. 369'
1264	
1325	
1449	
1469	

The Hintzman well (J-12) near this one, published in the Gay section, extends through the "Big Injun" and below the horizon of the Berea sand.

The Pittsburgh sandstone in this section appears to retain its massiveness and usual thickness, being hard and difficult to drill.

A core drill hole (J-48) was put down by Messrs. McConnell and McIntosh of Ravenswood, one-half mile south of School House, in Union district, on land of Samuel Webster. The drilling was done by the Uniontown Drilling Company. McConnell gave the Survey the following information in regard to this core drill hole:

The total depth of the hole was 536 feet at which depth was found 6 inches of bone coal directly below 2 feet of black shale. The elevation of this hole is 570 feet A. T. (Aneroid); and the top of the hole commences possibly 30 to 40 feet above the base of the Waynesburg sandstone, since there is 30 feet of Waynesburg sandstone exposed on the side of the hill near where the hole is located; also the Washington coal horizon is about 80 feet above the top of the core drill hole, so the 6 inches of coal found at the bottom would come 616 feet below the Washington coal, which would possibly make it the Elk Lick bed.

The Thomas Well.

Record of well No. 1 (J-46) on the E. F. Thomas farm, located in Washington district, Jackson county, S. 80° E., one mile from Gay, drilled by the Carter Oil Company in 1910; record furnished the Survey by Mr. Lee Cady of Spencer, West Virginia:

	Thickness. Feet.	Total Feet.	
Clay	12	12	
Sand	20	32	
White slate	5	37	
Red rock	13	50	
White slate	30	80	
Red rock	14	94	
Sand	21	115	
White slate	17	132	
Red rock	38	170	
White slate	25	195	
Sand, Waynesburg	20	215	
White slate	25	240	Dunkard Series. 240'

	Thickness. Feet.	Total. Feet.	
Red rock	15	255	Monongahela Series. 230'
White slate	5	260	
Sand	44	304	
White slate	8	312	
Red rock	18	330	
White slate	32	362	
Sand	8	370	
Red rock	26	396	
White slate	6	402	
Red rock	18	420	
White slate	20	440	Conemaugh Series. 530'
Pittsburgh sandstone	80	520	
White slate	60	580	
Sand	64	644	
White slate	15	659	
Coal (Elk Lick).....	3	662	
Red rock	112	774	
Lime	21	795	
White slate	25	820	
Sand	20	840	
Lime	8	848	
Slate	27	875	
Red rock	25	900	
Lime	20	920	
Little Dunkard (1st Cow Run sand).....	75	995	
White slate	105	1100	Allegheny Series. 200'
Big Dunkard, (Burning Springs sand)....	105	1205	
Slate	30	1235	
Sand	33	1268	
Black slate	32	1300	Pottsville Series. 265'
Sand (2d, Cow Run) (Homewood), water, 1350'	60	1360	
Slate	20	1380	
Sand	55	1435	
Black slate	40	1475	
First Salt sand.....	20	1495	
Slate	25	1520	
Second Salt sand.....	15	1535	
Slate	8	1543	
Third Salt sand, to gas at bottom (5,000,000 feet)	22	1565	

The above section shows only one seam of coal at 239 feet under the Pittsburgh sandstone, which may possibly be the Elk Lick bed.