

70007

.....District, Jackson County, W. Va.

Augusta Oil Co.

In S. E. corner of county, on Laurel Run, S. E., of Kentuck P. O.

Authority, Prof. John F. Carll.

10" casing, 345'; 6 $\frac{1}{4}$ ", 800'; 4-7/8", 1330'.

	Top.	Bottom.
(?) Unrecorded	0	- 280
1st sand	280	- 345
Slate	345	- 417
Salt water sand	417	- 467
Red rock	467	- 590
Sand	590	- 615
Red rock	615	- 763
Red sand	763	- 800
White slate	800	- 910
Salt Sand (water)	910	- 1040
Black slate	1040	- 1110
Sand	1110	- 1125
Slate	1125	- 1165
White sand (fair show of oil)	1165	- 1225
Black slate	1225	- 1250
Sand	1250	- 1270
Black slate	1270	- 1400
Salt water sand	1400	- 1670
(big gas pressure at 1420')		
(show of oil at 1430')		

west from Roane, and the rocks of this area are dip from the Ohio river. In a general syncline, the axis of the syncline passes nearly through the center of this axis (which is the center of the structure). The rocks rise gently to the surface. The structure is quite un-der oil or gas into rich oil. In the Jackson county region, there is a little oil, a little gas, and in nearly every well, and in nearly every quantity, the relief evi-ces of the separation of the three fluids. Hence, the future of the field is bright viewed either by the purely theoretical stand-ard, or by the results of the wells may find better results in the tested area."

Recently in Washington county, and consider-

son county wells have in combination with sec-ondary those that have not as been able to get will

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1, located at Kentuck, on Laurel fork of Middle river, surface, 745' A. T.; well drilled in Chicago in 1897, and fur-ther west, West Virginia:

	Thickness. Feet.	Total. Feet.
Unrecorded	1070	1070
Sandstone	210	1280
Lime	155	1435
Big Injun sand ?.....	72	1507
Lime and shales to bottom	356.	1863

This well starts about 20 feet above the Waynesburg coal, and passes through the Pittsburgh coal horizon at about 300 feet.

A small showing of oil and gas was found in the Big Injun Sand.

The Laurel Creek Well.

Record of well (J-8) on Laurel creek of Bear fork of Tug fork of Mill creek, located in Washington district, Jackson county, 3½ miles northeast of Kentuck; elevation of surface, 715' A. T. (Aneroid); record of well furnished the Survey by Professor John F. Carll:

	Thickness. Feet.	Total. Feet.	
Unrecorded	280	280	Monongahela Series. 345'
Sand (Pittsburgh)	65	345	
Slate	72	417	Conemaugh Series. 565'
Sand (water)	50	467	
Red rock	123	590	
Sand	25	615	
Red rock	148	763	
Red sand	37	800	
White slate	110	910	
Cow Run sand (water)	130	1040	Allegheny Series. 255'
Black slate	70	1110	
Sand	15	1125	
Slate	40	1165	
White sand (show of oil)	60	1225	Pottsville Series. 505'
Black slate	25	1250	
Sand	20	1270	
Black slate	130	1400	
Salt sand	270	1670	

This well starts in the Waynesburg sandstone about 30 to 35 feet above the Waynesburg coal horizon.