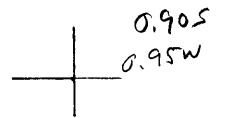


LATITUDE 38°40'



LONGITUDE 81°35'

T'S OGIS topo location

7.5' loc \_\_\_\_\_ 15' loc \_\_\_\_\_  
 \_\_\_\_\_ (calc.) \_\_\_\_\_

Company Henry Oil Co

Farm G.R. Kearns I

Quad \_\_\_\_\_

County Jackson

District Washington

WELL LOCATION MAP

File No. 035-70024

#4 in 1911 WVGES  
Jackson County Report

70024

.....District, Jackson County, W. Va.  
Authority, Henry Oil Co., T. F. Boden, Parkersburg, W. Va.  
Conductor, 8'; 10" casing, 170'; 8 1/2", 730'; 6", 1070'; 5", 1430'.

	Top.	Bottom.
Conductor	0	8
(?) Unrecorded	8	685
1st sand (water)	685	730
(?) Unrecorded	730	820
2nd sand (water; some oil)	820	1070
slate	1070	1300
Lime	1300	1375
Keener Sand	1375	1425
Break	1425	1435
Hg Injun Sand (not through) (dry)	1435	1507
Total depth		1507

"Jackson county lies immediately west from Roane, and borders the Ohio river on the north. The rocks of this area are nearly horizontal, except for a gentle dip from the Ohio river southeastward into the center of a general syncline, the axis of which passes northeast and southwest nearly through the center of the county. Southeast of this axis (which is the main trough of the Appalachian basin) the rocks rise gently to the southeast. This very simple geologic structure is quite unfavorable for the accumulation of either oil or gas into rich pools, and hence when the sands of the Jackson county region have been penetrated by the drill, a little oil, a little gas, and much water have been found in every well, and in nearly every sand, but no oil or gas in commercial quantity, the relief evidently being too slight to permit the separation of the three substances into pools of commercial value. Hence, the future oil history of Jackson does not look bright viewed either by the result of several tests or from a purely theoretical standpoint, although it is possible that future wells may find better results in some portions of its large untested area."

A few gas wells have been drilled recently in Washington district near Gay by the Carter Oil Company, and considerable gas has been found in the Salt sand.

The records of several of the Jackson county wells have been published in the preceding pages in combination with sections taken near them. The records of those that have not been published and which the writer has been able to get will now be given.

#### The Kerns Well No. 1.

Record of the G. R. Kerns Well No. 1, located at Kentuck, Washington district, Jackson county, on Laurel fork of Middle fork of Pocatalico river; elevation of surface, 745' A. T.; well drilled by the Henry Oil Company of Chicago in 1897, and furnished the Survey by G. P. Kerns, Kentuck, West Virginia:

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

Recently in Washington county, and consider-

son county wells have a combination with sec- of those that have not been able to get will

1. 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.