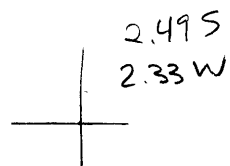


LATITUDE 38°45'



LONGITUDE 81°40'

T'S OGIS topo location

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

Company Carter Oil Co

Farm G. A. Hickel

Quad _____

County Jackson

District Ripley

WELL LOCATION MAP

File No. 035-70022

17 in 1911 WUGES
Jackson County Report

Ripley District, Jackson County, W. Va.
 Carter Oil Co.
 2 mi. S. E. of Given, and 2.3 mi. N. of Edgar.
 Completed in 1910.
 Elevation, 698'.

	Top.	Bottom.
Dirt	0	5
Clay	5	10
Gravel	10	20
White slate	20	30
Blue Blue slate	30	50
Red rock	50	70
Blue slate	70	80
Sand	80	84
White slate	84	100
Red rock	100	110
Blue slate	110	140
Red rock	140	158
Blue slate	158	165
Red rock	165	180
White slate	180	200
Red rock	200	240
Lime	240	270
Red rock	270	285
Lime	285	295
Red rock	295	405
White slate	405	464
Red rock	464	479
White slate	479	490
Red rock	490	510
White slate	510	530
Red rock, "big red"	530	605
Sand	605	620
Red rock	620	680
White slate	680	705
Sand	705	715
Black slate	715	738
Sand	738	755
White slate	755	765
Sand	765	780
White slate	780	790
First Cow Run Sand (Salisbury)	790	817
White slate	817	870
Pink shale	870	875
White slate	875	960
Gas Sand (Burning Springs) (water, 978')	960	1050
White slate	1050	1080
Lime	1080	1106
Sand	1106	1125
Coal, Lower Kittanning	1125	1130
Slate	1130	1160
First Salt Sand (water) (Homewood)	1160	1240
Sand	1240	1280
Black slate	1280	1305
Lime	1305	1315
Second Salt Sand	1315	1330
Black slate	1330	1515

G. A. NICKLE NO. 1 WELL (Continued).

	Top.	Bottom.
Salt Sand	1515	- 1635
Black slate	1635	- 1648
Lime	1648	- 1660
Maxton Sand	1660	- 1725
Pencil Cove	1725	- 1732
Big lime	1732	- 1850
Keener Sand	1850	- 1885
Slate	1885	- 1910
Big Injun Sand (water)	1910	- 1975
Slate and shells	1975	- 2370
Brown shale	2370	- 2383
Berea Sand	2383	- 2394
Total depth		2460

erson Well.

erson well (J-11), located on
 Mill creek, Washington district,
 e Carter Oil Company in 1909,
 Mr. Lee Cady of Spencer, West
 765' A. T. (Aneroid):

Thickness Feet.	Total Feet.	
11	11	
19	30	
10	40	
10	50	
10	60	
50	110	Dunkard Series. 110'
20	130	
15	145	
20	165	
25	190	
15	205	
5	210	
10	220	Monongahela Series. 295'
20	240	
16	256	
29	285	
10	295	
110	405	
45	450	
32	482	
43	525	
15	540	
10	550	
60	610	
23	633	
23	656	Conemaugh Series. 565'
67	723	
47	770	
30	800	
28	828	
6	834	
11	845	
65	910	
60	970	
85	1055	
40	1095	
49	1144	
14	1158	
12	1170	
15	1185	
25	1210	Allegheny Series. 255'
15	1225	

	Thickness. Feet.	Total. Feet.	
Sand (Homewood)	40	1265	
Black slate	10	1275	
First Salt sand	40	1315	
Black slate	25	1340	Pottsville Series. 567'
Second Salt sand	28	1368	
Black slate	127	1495	
Third Salt sand (gas, oil and water)	297	1792	

The Hickle Well.

Record of the G. A. Hickle well (J-17), located in Parchment district, Jackson county, two miles south of Givens; elevation of surface, 698' A. T.; drilled by the Carter Oil Company in 1910, and record furnished the Survey by Mr. Lee Cady of Spencer, West Virginia:

	Thickness. Feet.	Total. Feet.	
Dirt	8	8	
Clay	2	10	
Gravel	10	20	
White slate	10	30	
Blue slate	30	60	
Red rock	10	70	
Blue slate	10	80	
Sand	4'		
White slate	16'		
Red rock	10'		
Blue slate	30'		
		60	Waynesburg Sandstone
Red rock	18	158	
Blue slate	7	165	
Red rock	15	180	
White slate	20	200	
Red rock	40	240	
Lime	30	270	
Red rock	15	285	
Lime	10	295	
Red rock	110	405	Monongahela Series. 265'

	Thickness. Feet.	Total Feet.	
White slate	59	464	
Red rock	15	479	
White slate.....	11	490	
Red rock.....	20	510	
White slate.....	20	530	
Red rock "Big Red".....	75	605	
Sand	15	620	
Red rock.....	60	680	
White slate	25	705	Conemaugh
Sand	10	715	Series.
Black slate	23	738	555'
Sand	17	755	
White slate	10	765	
Sand	15	780	
White slate	10	790	
First Cow Run sand (Saltsburg)	27	817	
White slate	53	870	
Pink cave	5	875	
White slate	85	960	
Gas sand (Burning Springs), water at 978'	90	1050	
White slate	30	1080	Allegheny
Lime	26	1106	Series.
Sand	19	1125	200'
Coal, Lower Kitanning	5	1130	
Slate	30	1160	
First Salt sand (water) (Homewood)....	80	1240	
Sand	40	1280	
Black slate	25	1305	Pottsville
Lime	10	1315	Series.
Second Salt sand	15	1330	475'
Black slate	185	1515	
Salt sand	120	1635	
Black slate	13	1648	
Lime	12	1660	Mauch
Maxton sand	65	1725	Chunk. 97'
Pencil cave	7	1732	
Big Lime	118	1850	
Keener sand	35	1885	
Slate	25	1910	
Big Injun sand (water)	65	1975	
Slate and shells	395	2370	
Brown shales	13	2383	
Berea grit	11	2394	
Total depth		2480	