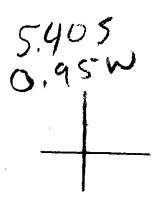


LATITUDE 38°25'

LONGITUDE 81°50'



7'5 OGIS topo location

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

Company Holly Oil & Gas Co

Farm M. E. Yoder 1

Quad St. Albans 15'

County Kanawha

District Jefferson

WELL LOCATION MAP

File No. 40595 70633

628 in 1914

WGES Kanawha County
Report

Jack Bryan Well Record (625A).

Located $3\frac{1}{4}$ miles southwest of Saint Albans, Jefferson district.
 Authority, Guffey & Galey. Elevation 715' A. T. B.

	Thickness Feet.	Total Feet.
Surface	24	24
Slate	126	150
Sand	45	195
Slate	15	210
Sand	30	240
Slate	25	265
Sand	135	400
Slate	10	410
Sand	100	510
Slate	5	515
Sand	115	630
Slate	40	670
Sand	50	720
Slate	70	790
Sand	20	810
Slate	20	830
Sand	20	850
Slate	20	870
Sand	510	1380
Big Lime	200	1580
Slate	20	1600
Sand, Big Injun	50	1650
Slate and shells	415	2065
Sand, Berea Grit	25	2090
Slate to bottom	3	2093

"10" casing, 29 feet; 8" casing, 185 feet; 6 $\frac{5}{8}$ " casing, 1385'; large quantity of salt water, 950'; little gas in Big Lime, 1460'; little gas in Big Injun, 1605'; little gas in Berea Grit, 2070'; well abandoned."

The above well begins about 345 feet under the Pittsburgh Coal horizon.

M. E. Yoder No. 1 Well Record (628).

Located at Tornado, Jefferson district. Authority, Duval Oil Company. Completed April, 1912. Elevation 618' A. T. L.

	Thickness Feet.	Total Feet.
Earth	30	30
Sand	30	60
Slate	10	70
Sand	30	100
Slate	20	120
Sand	30	150
Slate	20	170

	Thickness Feet.	Total Feet.
Sand	30	200
Slate	45	245
Sand	20	265
Slate	10	275
Sand	50	325
Slate	75	400
Sand	60	460
Coal	2	462
Slate and sand shells	138	600
Sand	40	640
Slate, some sand	150	790
Sand and slate	30	820
Salt sand, broken, water 890'	515	1335
Slate	15	1350
Lime	10	1360
Slate, soft	5	1365
Big Lime	235	1600
Sand	15	1615
Slate	22	1637
Sand, Big Injun	43	1680
Slate and shells	130	1810
Sand, Squaw	20	1830
Slate	250	2080
Black shale	15	2095
Sand, Berea Grit to bottom, oil	22	2117
10" casing, 30 feet; 8¼" casing, 270'; 6½" casing, 1380 feet; 5 3-16" casing, 1700 feet. Water at 80 feet; more water at 245 feet; top of salt sand 890 feet; water 890 feet; gas in Berea sand, 2108 feet; oil in bottom sand, 2119 feet, 5 to 20 barrels.		

This well begins about 430 feet under the base of the Pittsburgh coal, and hence the coal at 460' is one of the Kanawha Series.

Crawford & Ashby No. 1 Well Record (626).

Located at Lewis station, mouth of Tacketts creek, Jefferson district. Authority, Coal River Oil & Gas Company. Completed July 13, 1906. Elevation 575' A. T. L.

	Thickness Feet.	Total Feet.
Quick sand and gravel	47	47
Lime and pink rock	103	150
Sand	60	210
Slate	5	215
Sand	45	260
Coal, very good	5	265
Sand	55	320
Coal, very good	5	325
Sand	65	390
Slate, black	5	395