

LATITUDE

39 30

0508

LONGITUDE

OGIS  
7.5' loc

6305 39 25

7.5 OGIS topo location

7.5' loc 2.32S  
0.29W

15' loc 2.32S  
(calc.) 0.29W

Company \_\_\_\_\_

Farm \_\_\_\_\_

Quad Shirley West of 10

County \_\_\_\_\_

District Ellsworth

WELL LOCATION MAP

File No. Tyler 2

Ellsworth District, Tyler County, W. Va.

J. H. Pentz, 2 Highland Ave., DuBois, Pa.

On 45 acres, surface and mineral rights owned by J. A. Smith,  
Frew, W. Va.

Drilled under permit issued August 8, 1929.

No elevation given.

10" casing, 427'; 8 $\frac{1}{4}$ ", 1000'; 6-5/8", 1684'; 13" conductor, 16'.

No packer. Casing not perforated. No liners used.

Coal was encountered at 487-489' (24" slate and coal).

There was 2 feet of break where Pittsburgh Coal should be; mostly  
slate, with showing of coal.

Completion reported to Dept. of Mines Sept. 19, 1929.

Little salt water at 1620'; salt water at 1832'.

Small showing of oil and gas; testing it out to see if it  
will make an oil well.

There is very little if any Pittsburgh Coal in this well or  
in this district. The water at 1620 was very little.

Plugged Feb. 22 to Mar. 10, 1930, according to affidavit filed  
with Dept. of Mines Mar. 21, 1930, dated Mar. 10, 1930, as  
follows: Plugged by I. L. Roberts, L. G. Baker, and J. W.  
Cottrill; filled from 1840 to 180; drove male and female  
plug at 1810 (steel and rubber); filled to 1725; drove male  
and female plug; bridged at 1655'; filled to 1580'; drove  
plug; bridged at 1420'; filled to 1212'; drove plug.  
Coal plugged: Bridged at 519' (30' below coal); cemented  
with hydraulic cement below and above coal; filled to top  
of hole. All filling done with red clay.

Dry hole.

	Top.	Bottom.
Surface, dark, soft	0	16
Shale, dark	16	487
Pittsburgh Coal, dark, slaty	487	489
Little Dunkard --None--dark shale	489	985
Big Dunkard Sand, dark	985	1005
Shale, dark	1005	1025
Gas Sand, dark	1025	1050
Shale, dark	1050	1065
1st Salt Sand, light	1065	1200
Shale, dark	1200	1232
2nd Salt Sand, light	1232	1400
Shale, dark	1400	1470
3rd Salt Sand, light	1470	1520
Shale, dark	1520	1600
Maxton Sand, light (little water, 1620', salty)	1600	1635
Shale, dark	1635	1648
Gritty lime, dark	1648	1662
Shale, dark	1662	1665
Little Lime, dark	1665	1675
Pencil Cave, dark	1675	1680
Big Lime, light	1680	1745
Keener Sand, light	1745	1769
Shale, dark	1769	1773
Big Injun Sand, light (showing oil, gas, and water at 1832')	1773	1832
Total depth		1833

Ellsworth District, Tyler County, W. Va. TYL-2  
 J. H. Pentz, 2 Highland St., DuBois, Pa.  
 On 45 acres, surface and mineral rights owned by J.A. Smith,  
 Frew, W. Va.

Drilled under permit issued Aug. 8, 1929.  
 13" conductor, 16'; 10" casing, 427'; 8 1/2", 1000'; 6-5/8", 1654'.  
 Completion reported to Dept. of Mines Sept. 19, 1929.  
 Small showing oil and gas; testing it out to see if it  
 will make an oil well.

	Top.	Bottom.
Surface, dark, soft	0	16
Shale, dark	16	487
Pittsburgh Coal, dark, slaty	487	489
Little Dunkard Sand,		None
Shale, dark	489	985
Big Dunkard Sand, dark,	985	1005
Shale, dark	1005	1025
Gas Sand, dark	1025	1050
Shale, dark	1050	1065
1st Salt Sand, light	1065	1200
Shale, dark	1200	1232
2nd Salt Sand, light	1232	1400
Shale, dark	1400	1470
3rd Salt Sand, light	1470	1520
Shale, dark	1520	1600
Waxton Sand, light (little <sup>salt</sup> water, 1620')	1600	1635
Shale, dark	1635	1648
Gritty lime, dark	1648	1662
Shale, dark	1662	1665
Little Lime, dark	1665	1675
Pencil Cove, dark shale	1675	1680
Big Lime, light	1680	1745
Keener Sand, light	1745	1769
Shale, dark	1769	1773
Big Injun Sand, light (showing oil, gas & water at 1832')	1773	1834
Total depth		1833'

Well plugged Feb. 22, 1930, to March 10, 1930.  
 Affidavit dated March 10, 1930, to Dept. of Mines.

.....District, Tyler County, W. Va.  
 J. H. Pentz, 2 Highland St., DuBois, Pa.  
 Date completed, 1929. On 50-acre tract.  
 Elevation, 785' E.  
 Oil show and water.  
 10" casing, 427'; 8", 1000'; 6-5/8", 1684'.  
 At Frew, on Middle Island Creek.  
 Well plugged and abandoned, 1930.

	Top.	Bottom.
Surface	0	16
Shale, dark	16	487
Pittsburgh Coal, slaty	487	489
Dark shale	489	985
Big Dunkard Sand, dark	985	1005
Shale, dark	1005	1025
Gas Sand	1025	1050
Shale, dark	1050	1065
First Salt Sand, light	1065	1200
Shale, dark	1200	1232
2nd Salt Sand, light	1232	1400
Shale, dark	1400	1470
3rd Salt Sand, light	1470	1520
Shale, dark	1520	1600
Maxton Sand, light, (show of water)	1600	1635
Shale, dark	1635	1648
Lime, gritty	1648	1662
Shale, dark	1662	1665
Little Lime, dark	1665	1675
Pencil Cave, dark	1675	1680
Big Lime, light	1680	1745
Keener Sand, light	1745	1769
Shale, dark	1769	1773
Big Injun Sand (show gas, oil, water, at 1832')	1773	
Total depth		1833