



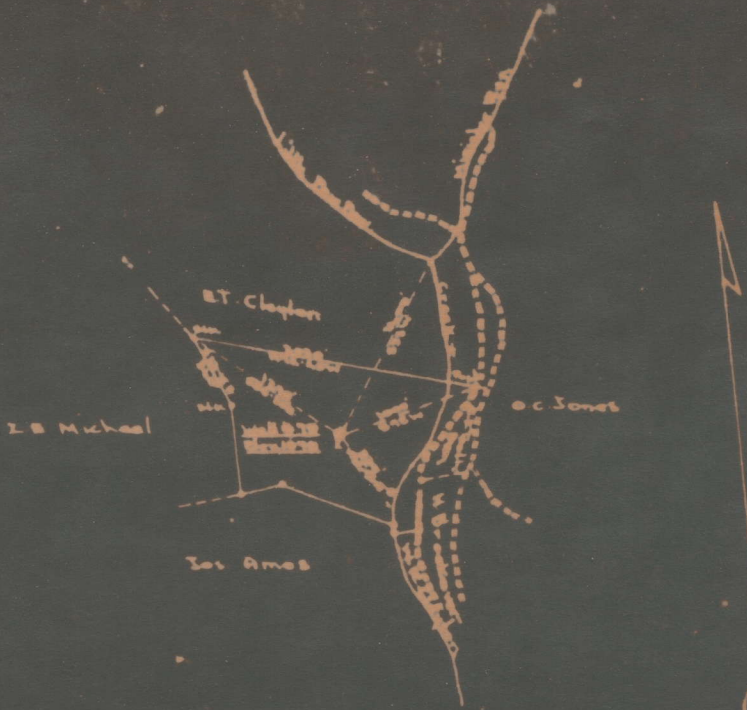


THE OWENS ENGINEERING COMPANY

PLAT OF PROPERTY LOCATED ON THE 20-1-15

being Well No. \_\_\_\_\_

Located in \_\_\_\_\_ County



Coordinates  
N 11862  
E 3082

Mar-44-A

Scale 1" = 1000'

ENGINEER'S CERTIFICATE

I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the oil and gas section of the Mining Laws of West Virginia.

T.S. Slattery



Paw Paw District, Marion County, W. Va.

By Owens-Illinois Glass Co., Charleston, W. Va.

On 3/4 acres, surface owned by Z. E. Michael, Fairmont, W. Va.,  
and coal rights by Consolidation Coal Co., Fairmont, W. Va.

Well was completed in 1925 and 1928.

Elevation, 1070' L.

16" conductor, 16'; 10" casing, 448'; 6", 1656'; 3" tubing, 2302'.

3" tubing perforated at 2259-2263'.

Coal was encountered at 96-101 and 390-398'.

Abandonment reported to Dept. of Mines Aug. 18, 1931.

Well was shot from 1844-1860' and from 2257-2269'.

Salt water at 1348'.

Gas well.

MAR-44-A

	Top.	Bottom.	Thickness.
Drilled 1925:			
Surface, gravel, and clay	0	10	10
Clay	10	25	15
Sand	25	60	35
Slate and lime	60	230	170
Sand	230	275	45
Slate	275	280	5
Mapletown (Sewickley) Coal	280	285	5
Slate and lime	285	390	105
Pittsburgh Coal	390	398	8
Slate and lime	398	750	352
Little Dunkard Sand	750	780	30
Slate	780	960	180
Big Dunkard Sand	960	1005	45
Slate	1005	1020	15
Gas Sand	1020	1155	135
Slate	1155	1240	85
First Salt Sand	1240	1275	35
Black slate	1275	1300	25
Second Salt Sand (hole full salt water, 1348')	1300	1475	175
Slate	1475	1638	163
Little Lime	1638	1650	12
Pencil Cave	1650	1655	5
Big Lime	1655	1738	83
Big Injun Sand (oil, 1843-1854')	1738	1867	129
Slate	1867	1869	2
Lime	1869	1885	16
Slate, to bottom	1885	1900	15
DRILLED DEEPER 1928:			
Drilling commenced		1900	
Lime, white, hard	1900	1945	45
Slate and shells	1945	1949	4
Berea Sand, brown, hard	1949	1995	46
Slate and shells	1995	2085	90
Lime, white	2085	2157	72
Slate	2157	2159	2
Limestone, gray, hard	2159	2166	7
Slate and shells	2166	2208	42
Lime, white, soft	2208	2219	11
Slate and lime shells	2219	2257	38
Gantz Sand, gray, hard (gas, 2259')	2257	2285	28
50-Ft. Sand, white, hard, to bottom	2285	2307	22