



Company Benedum-Trees Oil Co.
 Address Pittsburg, Pa.
 Farm T. W. Walls et al
 Tract Acres 82 Lease No. _____
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 706.93 D.F.
 Quadrangle Charleston NE
 County Kanawha District Elk
 Engineer J. H. High
 Engineer's Registration No. 156
 File No. _____ Drawing No. _____
 Date 12-21-36 Scale 1" = 660'

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 Charleston

WELL LOCATION MAP
 File No. 1KAN-318

+ Denotes location of well on U. S. Topographic Maps, scale 1 to 62,500 latitude and longitude lines being represented by border lines as shown.

- Denotes one inch spaces on border line of original tracing.

G-C 192 Deep Well

WEST VIRGINIA DEPARTMENT OF MINES

OIL AND GAS DIVISION

WELL RECORD

Permit No. 318-Kan.

Gas Well

Chas. Quad.

CASING & TUBING

Company	Benedum-Trees Oil Co.	16	22'3"	22'3"
Address	Pittsburgh, Pa.	13	397	397
Farm	T.W.Walls Acres 76.92	10	1454	1454
Location	Aaron's Fork-Elk District	8 $\frac{1}{2}$	1946	
Well No.	1 <i>gk</i> Elev. 706.93	7"24#	4759	4759
District	Not Given County Kanawha	2"-4.6#	4880	4880
Surface Address	T.W. Walls Elkview, W.Va.	Casing Cemented 200', size 7" OD, 4759', April 29, 1937. 20 Bags Encore Cement used.		
Mineral Address	T.W.Walls, et al Not given			
Drilling	Commenced Jan. 6, 1937 Completed May 17, 1937			
Date Shot	May 18, 1937	Depth 4872-4896		
Open Flow	12/10ths Merc. in 7" O.D.24#			
Rock Press.	1505# 24 hrs.			

Formation Color ^{Hor} 5 Top Bottom Result					Formation Color ^{Hor} 5 Top Bottom Result				
Clay & Gravel			0	30	Shale	Brown		3480	3530
Water Sand	White		30	50	Water	Shale & Shells	White	3530	3610
Red Rock			50	65	30'	Shale	Brown	3610	3754
Sand			65	80		Slate & Shells		3754	4375
Shale			80	100		Shale	Brown	4375	4430
Sand			100	120		Shale	White	4430	4455
Shale			120	205		Shale	Brown	4455	4675
Sand			205	271		Slate	White	4675	4695
Shale			271	288		Shale	Black	4695	4759
Sand			288	294		Con. Lime		4759	4774
Sand & Shale			294	314		Top Con. Lime	Corrected S. Line	4744	4744
Shale	Blue		314	330		Con. Lime		4744	4862
Sand			330	338		Oriskany		4862	4896
Shale	Black		338	395		Lime		4896	4899
Shell		H	395	400		Steel Line Measurements taken at 4744' - 4876' - 4862' - 4899'.			
Shale			400	490		Gas Show at 4876			
Sand			490	535		Gas pay from 4876 to 4889			
Shale			535	575		Salt Water - enough to drill with.			
Sand	White		575	690	Water				
Shale			690	795	975-				
Salt Sand			795	865	1030-				
Shale			865	875	1060				
Salt Sand			875	1070	250,000' Gas				
Lime			1070	1090	at 980'				
Slate & Shell			1090	1105					
Sand			1105	1198					
Slate			1198	1203					
Lime			1203	1220					
Lime (Sandy)			1220	1245					
Sand			1245	1258					
Shale & Shells			1258	1280					
Shale			1280	1295					
Slate	White		1295	1320					
Lime (Sandy)			1320	1335					
Shale	Dark		1335	1379	Water				
Little Lime			1379	1454	1522				
Lime			1454	1580	50,000' Gas				
Shale	Light		1580	1590	at 1535'				
Sand			1590	1620					
Slate & Shells			1620	1645					
Shale & Shells			1645	1820					
Slate & Shells			1820	1920	Gas in				
Shale & Shells			1920	2080	Shell				
Slate (Wh.) & Shells (Hard)			2080	3160	1910				
Shale	Brown		3160	3205					
Slate & Shells			3205	3480					