



New Location   
 Drill Deeper   
 Abandonment

0.38-S  
 0.39 S  
 1.59 W  
 1.58-W  
 5 NC (H-6)

Company Benedum & Trees Oil Co.  
 Address Parkersburg, W. Va.  
 Farm Park Smith  
 Tract \_\_\_\_\_ Acres 267.18 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 808.49  
 Quadrangle Spencer C  
 County Wirt District Spring Creek  
 Engineer L. F. Rize  
 Engineer's Registration No. 804  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date March 30, 1942 Scale 1" = 800'

STATE OF WEST VIRGINIA  
 DEPARTMENT OF MINES  
 OIL AND GAS DIVISION  
 CHARLESTON

**WELL LOCATION MAP**  
 FILE NO. WIRT-171

+ Denotes location of well on United States 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.

*check*

*Spencer C - 1942 - 1943 - 1944 - 1945 - 1946 - 1947 - 1948 - 1949 - 1950*

Spring Brook District, West County, N. Va.

By American-Texas Oil Co., Pittsburgh, Pa.

Located 0.39 mi. S. of 30° 35' and 1.6 mi. N. of 81° 20' - 6 - Spencer Quadrangle.

Elevation, 808.44' ±.

Permit Wrt-171.

Drilling completed Dec. 5, 1942.

Dry hole.

Section based on incomplete set of samples from 1795 to 5670', examined by J. E. C.

Martens.

Record to 807 from Martens March 24, 1945.

Top. Bottom. Thickness.

POTTWILLER AND POSSINO FORMATIONS, 510+ FEET

1795 - 1805	10	Sandstone, white, coarse, nearly all quartz
1805 - 1820	15	No sample
1820 - 1836	16	Sandstone, white, coarse
1836 - 1850	14	No sample
1850 - 1885	35	Sandstone, white, coarse, nearly all quartz; crystal faces on many grains
1885 - 1900	15	Sandstone, white, coarse, 80%; siderite, 10%; gray silty shale, 10%
1900 - 1930	30	Sandstone, white, coarse; some siderite and gray silty shale, 1910-1920'
1930 - 1935	5	Sandstone, white, very coarse, pebbly
1935 - 1945	10	Sandstone, brownish, 30%; siderite, 10%; gray silty shale, 10%
1945 - 1970	25	Sandstone, brown, very fine, with some coarse grains, 60%; gray shale and siltstone, 40%; sandstone contains much siderite
1970 - 1975	5	Sandstone, light-brown, very fine; contains some fossil shells
1975 - 2250	275	No samples
2250 - 2260	10	Shale, gray, silty
2260 - 2300	40	Shale, very dark gray (Sunbury Shale)
2300 - 2305	5	Siltstone, nearly white, coarse, containing a few large sand grains (Berea)

BEVERLY SHALES, 3120 FEET

2305 - 2450	145	Shale and siltstone, gray
5385 - 5400	15	Shale, black, alioctonized; a few pieces of brown, impure, fossiliferous limestone, but no compact chert

BURTONVILLE CHERT, 229 FEET

5425		Top of Onondaga in Carnegie Natural Gas Co. drilling report
5400 - 5440	40	Gap in samples, probably due to depth correction
5440 - 5483	43	Limestone, brown, very cherty; also small amount of black shale and a few silty fragments containing brown biotite
5483 - 5654	211	Chert and limestone, gray and brown; thin glauconitic streak at bottom.

QUINCY SANDSTONE, 16+ FEET

5654 - 5670	16	Sandstone, white, medium-grained (salt water)
5670		Total depth

WEST VIRGINIA DEPARTMENT OF MINES  
OIL & GAS DIVISION  
W E L L R E C O R D

Permit No. Wir 171		Dry Hole	
Spencer Quad.		CASING & TURNING	
Company	Benedum Trees Oil Company		
Address	223 Fourth Ave., Pittsburgh, Pa.	13 3/8	378'
Farm	Park Smith Acres 269 1/2	10 1/2	1161'
Location	--	85/8	1975'
Well No	1 Elev. 808.49	7	5430'
District	Spring Creek - Wirt County		
Surface	1/2 Int. Park Smith et ux; 1/2 Minnie D. McCutcheon & Oattie D. Somerville, Reedy, W. Va.		
Mineral	Same		
Commenced	May 6, 1942		
Completed	Dec. 5, 1942		
Salt Water	5656		

Lime	0	15	Shale	2995	3560
Shale	15	125	Shale & Shells	3560	3855
Sand	125	135	Shale	3855	3915
Mud White	135	145	Shale & Shells	3915	4050
Rock R	145	200	Shale	4050	4125
Shale & Shells Bl	200	240	Gr. Shale & Shells	4125	4205
Sandy Lime	240	250	Gr. Shale	4205	4380
Shale & Shells	250	285	Light Shale	4380	4575
Lime	285	305	Shale & Shells	4575	4620
Shale & Shells	305	370	Light Shale	4620	4635
Lime & Bl. Shells	370	378	Shale & Shells	4635	4685
Shale Bl	378	385	Light Shale	4685	4855
Lime	385	400	Shale	4855	4910
Rock Red	400	410	Light Shale	4910	5040
Lime	410	420	Dk. Shale	5040	5164
Rock Red	420	430	Shale	5164	5170
Lime	430	475	Bl. Shale	5170	5230
Sandy Lime	475	500	Light Shale	5230	5275
Rock Red	500	505	Dk. Shale	5275	5295
Lime	505	520	Lime Shells	5295	5297
Shale & Shells	520	575	Dk. Shale	5297	5380
Sand	575	620	Bl. Lime	5380	5440
Sandy Lime	620	630	B. & Wh. Lime	5440	5455
Shale & Shells	630	670	Gray & White Lime	5455	5470
Red Rock & Shells	670	730	Gray Lime	5470	5515
Rock Red	730	750	Sandy Lime	5515	5535
Gray Shale & Shells	750	790	Lime & Sand	5535	5565
Red Rock & Shells	790	840	Sandy Lime	5565	5635
Gr. Shale & Shells	840	850	Lime	5635	5654
R. Rock & Shells	850	890	Sand-Oriskany	5654	5670 T.D.
Gr. Shale & Shells	890	940	(Drilled 16' in sand Hole Full of Water)		
Rock Red	940	978			
Sand	978	1060			
Shale Bl	1060	1065			
B. Shale & Shells	1065	1110			
Shale Bl	1110	1115			
Sand	1115	1138			
Bl. Shale & Shells	1138	1155			
Shale	1155	1165			
Sand	1165	1275			
Shale & Shells	1275	1325			
Sandy Lime	1325	1375			
Lime & Shale Breaks	1375	1475			
Shale & Shells	1475	1500			
Sand	1500	1550			
Shale & Shells	1550	1575			
Sand	1575	1935			
Shale & Shells	1935	1975			
Sand Shale	1975	1980			
Shale Blue	1980	1995			
B. Shale & Shells	1995	2235			
Shale & Shells	2235	2305			
B. Shale & Shells	2305	2995			

475

5440 5654  
808  
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49637 4846