



Company Owens, Libbey-Owens Gas Dept.  
 Address Box 4158 Charleston 4 W. Va.  
 Farm J.W. Chambers Estate  
 Tract \_\_\_\_\_ Acres 244 Lease No. 220  
 Well (Farm) No. 1, 2 & 3 Serial No. { 334, 347, 375 }  
 Elevation (Spirit Level) 1-1213.5; 2-1275; 3-895.8  
 Quadrangle Madison  
 County Boone District Scott  
 Engineer T. S. Flournoy  
 Engineer's Registration No. 269  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date Apr. 11, 1949 Scale 1 inch = 500 feet

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

**WELL LOCATION MAP**  
 B 00-147-A-#1  
 FILE NO. B 00-148-A-#2  
 B 00-149-A-#3

+ 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.

70013



J. W. CHAMBERS NO. 1 (334) WELL.

(Sammirno) LIEW (482) I .ON SHAMAHO .V. I

Boone 147A

Scott District, Boone County, W. Va.

By Owens, Libbey-Owens Gas Dept., Box 4158, Charleston, 4, W. Va.

Abandoned under permit Boo-.....-A?

On 250 acres, on Lick Creek.

Elevation, 1214' L.

Coal owned by I. L. Chambers, Jeffery, W. Va.

Drilling commenced July 19, 1928; completed Sept. 14, 1928.

Shot Sept. 15, 1928, at 2270-2295', with 100 qts., 5" shell.

13" casing, 14'; 10", 79'; 6 5/8", 1584'; 3" tubing, 2329'; all left in.

Spang anchor packer, 6 5/8 x 3 x 16, set at 2288-2292'.

Gas well. Record to Dept. of Mines dated April 12, 1949.

Record to RCT from Mrs. Griffith September 14, 1949. Old File No. 577.

	Top.	Bottom.
Surface	0	14
Slate, black, soft	14	121
Sand, white, hard	121	166
Slate, black, soft	166	181
Sand, dark, soft	181	211
Slate, black, soft	211	229
Sand, white, hard	229	244
Slate, dark, soft (water, 300'; enough to drill)	244	365
Sand, white, hard	365	460
Slate, black, soft	460	565
Sand, gray, hard	565	590
Slate, black, soft	590	605
Sand, gray, hard	605	610
Lime, black, hard	610	655
Slate, brown, soft	655	660
Lime, gray, hard	660	695
Slate, white, soft	695	700
Sand, white, hard	700	830
Lime, black, hard	830	860
Sand, white, hard	860	950
Slate, black, soft	950	955
Sand, dark, hard	955	982
Slate, black, soft	982	1007
Shale, white, soft	1007	1022
Slate, black, soft	1022	1032
Sand, broken, dark, soft	1032	1056
Shale, sandy, brown, soft	1056	1073
Salt Sand, white, hard	1073	1155
Salt Sand, dark, hard	1155	1163
Salt Sand, white, hard	1163	1249
Salt Sand, dark, soft	1249	1255
Salt Sand, dark, hard	1255	1310
Salt Sand, white, hard	1310	1322
Salt Sand, dark, hard	1322	1375
Salt Sand, white, hard	1375	1400
Red rock, hard	1400	1405
Slate, white, hard	1405	1415
Sandy lime, black, hard	1415	1430
Slate, black, hard	1430	1435
Sand, white, hard	1435	1440
Slate, white, hard	1440	1453
Lime, white, hard	1453	1470
Slate, black, hard	1470	1475

(OVER)

J. W. CHAMBERS NO. 1 (334) WELL (Continued).

Scott District, Boone County, W. Va. Top. Bottom.

Line, black, hard	1475	1493
Slate, light, soft	1493	1520
Little Lime, black, hard	1520	1549
Slate, light, soft	1549	1560
Big Lime, gray, hard	1560	1589
Big Lime, white, hard	1589	1790
Big Injun Sand, red, hard	1790	1825
Slate, dark, soft	1825	1896
Lime, black, hard	1896	1946
Sand, gray, hard	1946	1961
Slate, dark, soft	1961	2111
Lime shells, dark, hard	2111	2142
Slate, white	2142	2185
Shell, black, hard	2185	2195
Slate, dark	2195	2226
Lime shell, black, hard	2226	2233
Slate, black, soft	2233	2243
Coffee Shale, brown, soft	2243	2268
Berea Sand, white, hard (gas; 117 M.)	2268	2296
Slate, black, soft	2296	2298
Lime shell, black, hard	2298	2306
Slate, black, soft	2306	2326
Cleaned out to total depth		2329

Sand, gray, hard	2329	
Slate, black, soft	2329	
Sand, gray, hard	2329	
Sand, gray, hard	2329	
Lime, black, hard	2329	
Slate, brown, soft	2329	
Lime, gray, hard	2329	
Slate, white, soft	2329	
Sand, white, hard	2329	
Lime, black, hard	2329	
Sand, white, hard	2329	
Slate, black, soft	2329	
Sand, dark, hard	2329	
Slate, black, soft	2329	
Shale, white, soft	2329	
Slate, black, soft	2329	
Sand, broken, dark, soft	2329	
Shale, sandy, brown, soft	2329	
Salt Sand, white, hard	2329	
Salt Sand, dark, hard	2329	
Salt Sand, white, hard	2329	
Salt Sand, dark, soft	2329	
Salt Sand, dark, hard	2329	
Salt Sand, white, hard	2329	
Salt Sand, dark, hard	2329	
Salt Sand, white, hard	2329	
Red rock, hard	2329	
Slate, white, hard	2329	
Sandy lime, black, hard	2329	
Slate, black, hard	2329	
Sand, white, hard	2329	
Slate, white, hard	2329	
Lime, white, hard	2329	
Slate, black, hard	2329	

(OVER)



Completed No Inspection

577

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

WELL RECORD

Permit No. 147-A

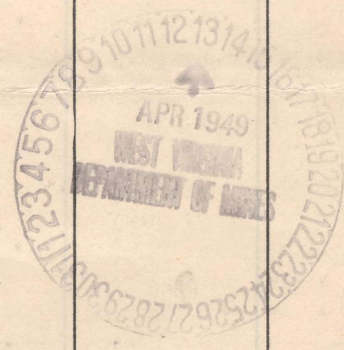
Oil or Gas Well Gas (KIND)

Company OWENS, LIBBY-OWENS GAS DEPARTMENT
Address P. O. Box 1158, Charleston 1, W. Va.
Farm J. W. Chambers Acres 250
Location (waters) Lick Creek
Well No. 010 8334, farm #1 Elev. 1214'
District Scott County Boone
The surface of tract is owned in fee by
Mineral rights are owned by L. L. Chambers
Address Joffery, W. Va.
Drilling commenced 7-19-28
Drilling completed 9-11-28
Date Shot 9-15-28 From 2270 To 2295
With 100 qts. 5" shell
Open Flow /10ths Water in Inch
/10ths Merc. in Inch
Volume Cu. Ft.
Rock Pressure lbs. hrs.
Oil bbls., 1st 24 hrs.
Fresh water feet feet
Salt water feet feet

Table with columns: Casing and Tubing, Used in Drilling, Left in Well, Packers. Rows include sizes 16, 13, 10, 8 1/4, 6 5/8, 5 3/16, 3, 2 and packer types like Spring Anchor, Perf. top, Perf. bottom.

CASING CEMENTED SIZE No. Ft. Date
COAL WAS ENCOUNTERED AT FEET INCHES
FEET INCHES FEET INCHES
FEET INCHES FEET INCHES

Main well log table with columns: Formation, Color, Hard or Soft, Top, Bottom, Oil, Gas or Water, Depth Found, Remarks. Includes entries like Surface, Slate, Sand, Limestone, etc.



Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Black	Hard	1430	1435			
Sand	White	Hard	1435	1440			
Slate	White	Hard	1440	1453			
Line	White	Hard	1453	1470			
Slate	Black	Hard	1470	1475			
Line	Black	Hard	1475	1493			
Slate	Light	Soft	1493	1520			
Little Line	Black	Hard	1520	1549			
Slate	Light	Soft	1549	1560			
Pig Line	Gray	Hard	1560	1509			
Pig Line	White	Hard	1589	1790			
Injun Sand	Red	Hard	1790	1825			
Slate	Dark	Soft	1825	1896			
Line	Black	Hard	1896	1946			
Sand	Gray	Hard	1946	1961			
Slate	Dark	Soft	1961	2111			
Line Shells	Dark	Hard	2111	2142			
Slate	White	-	2142	2185			
Shell	Black	Hard	2185	2195			
Slate	Dark	-	2195	2226			
Line Shell	Black	Hard	2226	2233			
Slate	Black	Soft	2233	2243			
Coffee Shale	Brown	Soft	2243	2268			
Nerea Sand	White	Hard	2268	2296	Gas		117 M
Slate	Black	Soft	2296	2298			
Line Shell	Black	Hard	2298	2306			
Slate	Black	Soft	2306	2326			
Cleaned out to							
Total Depth				2329			

DEPARTMENT OF MINES  
Date April 12, 1919

OWNERS, LINCOLN-OWENS GAS DEPARTMENT  
APPROVED \_\_\_\_\_, Owner  
By A. H. McClain, Geologist (Title)