



New Location   
 Drill Deeper   
 Abandonment

Company THE OWENS, LIBBEY-OWENS GAS DEPT.  
 Address BOX 2111 CHARLESTON 28, W. VA.  
 Farm LOUISA COLLINS  
 Tract ONE Acres 527.9 Lease No. 1205  
 Well (Farm) No. 3 Serial No. 673  
 Elevation (Spirit Level) 1055.1  
 Quadrangle MIDKIFF SW  
 County WAYNE District GRANT.  
 Engineer T.S. Flournoy  
 Engineer's Registration No. 269  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date SEPT. 15, 1943 Scale 1" = 1000 FT.

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

**WELL LOCATION MAP**  
 FILE NO. WAY-291

+ 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.

3 Samples - MI-10-6 - 1626-1944 - 5263787 Deep Well

LOUISA COLLINS NO. 3 (673) WELL.

Grant District, Wayne County, W. Va.

By The Owens, Libbey-Owens Gas Dept., Charleston, W. Va.

Located 1.1 mi. S. of 38° 05' and 3.92 mi. W. of 82° 10' - SW - Midkiff Quadrangle.

Elevation, 1055.1' L.

Permit Way-291.

Drilling commenced Oct. 29, 1943; completed Dec. 19, 1943.

Gas well in Devonian Shales.

Section based on samples from 1626 to 1924', 2454-2473', and 2026 (1) to 3787',  
examined by J. H. C. Martens.

Record to RGT from Martens March 24, 1945.

Top. Bottom. Thickness.

Top.	Bottom.	Thickness.	Description
MAUCH CHUNK GROUP, 244 FEET			
1626 -	1650	24	Limestone, brown, with small amount of green and gray shale
GREENBRIER LIMESTONE, 214 FEET			
1650 -	1670	20	Limestone, light-brown to nearly white, 80 to 90%; soft, thinly laminated gray and green shale, 20 to 10% (shale is probably from thin layer just above limestone)
1670 -	1771	101	Limestone, light-brown to nearly white
1771 -	1779	8	Limestone, light-brown, oolitic
1779 -	1789	10	Limestone, very light brown and light-green
1789 -	1807	18	Limestone, very light brown and light-green, dolomitic
1807 -	1820	13	Limestone, light-brown, oolitic
1820 -	1848	28	Limestone, light-brown, slightly dolomitic
1848 -	1857	9	Limestone, brown, highly dolomitic, with about 30% of white anhydrite
1857 -	1864	7	Dolomite, gray and brown, silty, with about 20% of white anhydrite
MACCRADY FORMATION, 23 FEET			
1864 -	1887	23	Siltstone, red
POCONO FORMATION, 585 FEET			
1887 -	1907	20	Siltstone, light-gray, coarse
1907 -	1924	17	Siltstone and silty shale, gray
1924 -	2454	530	No samples
2454 -	2465	11	Shale, very dark gray to black (Sunbury Shale)
2465 -	2472	7	Siltstone, gray to white, pyritic; also some very fine sandstone (Berea Sandstone)
DEVONIAN SHALES, 1468 FEET			
2472 -	2473	1	Shale and siltstone, gray
3941			Top Corniferous Lime in driller's record
	3943		Total depth

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

Permit No. Way 291  
Midkiff Quad.

Gas Well  
CASING & TUBING

Company  
Address  
Farm  
Location  
Well No  
District  
Surface  
Mineral

The Owens, Libbey-Owens Gas Dept.  
P.O. Box 2111, Charleston, 28, W.Va.  
Louisa Collins Acres 527. 9  
Wm. Nelson Branch  
673 Elev. 1055.1  
Grant Wayne County  
Joe Taylor Heirs, Wewanta, W.Va.  
Mrs. Louisa Collins, 544 Bridge St.  
Huntington, W.Va.

Cond. 13' 13'  
7 1684 1684  
8 5/8 366 366  
3 1/2 3920 3920

Commenced  
Completed  
Date shot

Oct. 29, 1943  
Dec. 19, 1943  
12-20-43 Depth 3281 to 3943  
with 6500# Detonite

OWS Packer  
Size 3 x 5 5/8 x  
16  
Depth 2664-2670'  
Perf. top 3248  
" Bot 3279  
" top 3309  
" bot 3340

Volume  
Rock Pressure  
Fresh Water  
Salt Water

157 MCF  
400 lbs. 32 hrs.  
296' H.F.;  
508' 1 bail pr. hr.; 571'  
2 bail pr. hr.; 1006' Hole filling Coal at 172-74'  
up/, Standing 350'; 1637-1669 Stood 24"; 296' 48"  
at 350'

Clay	Y	S	0	19
Sand	Lt	S	19	60
Slate	Gr	S	60	110
Sand	Gr	S	110	172
Coal	Bk	S	172	174
Sand, Slate	Lt	S	174	296
Coal	Bk	S	296	300
Slate, Sand	Lt	S	300	765
Slate	Dk	S	765	784
Sand, Slate	Gr	S	784	925
Salt Sand	Gr	S	925	1305
Slate	Dk	S	1305	1311
Sand, Slate	Gr	H	1311	1347
Lime	Wh	H	1347	1365
Salt Sand	Gr	H	1365	1371
Slate	Dk	S	1371	1392
Sand	Gr	H	1392	1407
Slate	Wh	S	1407	1417
Sand, Slate	Gr	H	1417	1483
Shells	Wh	H	1483	1528
Sand, Slate	Gr	S	1528	1625
Slate & Shells	Gr	H	1625	1637
Lime	Dk	H	1637	1669
Big Lime	Wh	H	1669	1864
Keener Sand	Gr	H	1864	1867
Red Injun Sand	Red	H	1867	1894
Gray Injun Sand	Gr	H	1894	1922
Slate & Shell, Lime Shell	Gr SH		1922	2458
Brown Shale		S	2458	2466
Berea Sand	Gr	H	2466	2472
Slate	Gr	S	2472	2473
Shell	Wh	H	2473	2477
Slate & Shell	Lt	SH	2477	2642
Lime Shells	Gr	H	2642	2727
Slate & Shells	Gr	S	2727	2840
Slate	Dk	S	2840	2996
Slate & Shell	Dk	S	2996	3168
Shell	Lt	H	3168	3175
Slate & Shells	Dk	S	3175	3318
Shale	Br	S	3318	3419
Shale & Shells	Br	S	3419	3574
Slate & Shells	Gr	S	3574	3819
Slate	Dk	S	3819	3867
Shale	Br	S	3867	3887
Shale & Shells	Br	S	3887	3922
Shale	Br	S	3922	3941
Corniferous Lime	Dk	H	3941	3943
TOTAL DEPTH				3943

Oil 1848' 1/2 Bail 24 hrs. when  
shut down  
Oil 2008' 1/2 bailer 24 hrs.  
Oil test 2623' 2 buckets shut down  
24 hrs.  
Gas 3318-3333'; 3385'; 3448'

3941  
1055  
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2886