



Company THE OWENS, LIBBEY-OWENS GAS DEPT.
 Address BOX 2111 CHARLESTON 28, W.VA.
 Farm HOARD-BALDWIN
PART OF 5842 ACRES
 Tract 21 Acres 200 Lease No. 1459
 Well (Farm) No. 31 Serial No. 664
 Elevation (Spirit Level) 1010.2[±] (8500[±])
 Quadrangle WAYNE
 County WAYNE District STONEWALL
 Engineer T. S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date JULY 23, 1943 Scale 1" = 1000 FT.

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

WELL LOCATION MAP
 FILE NO. WAY-290

+ 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.

Samples (100-45) (1405-3450) Deep Well

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

Permit No. Way 290

Gas Well
CASING & TUBING

Wayne Quad.

Company

The Owens, Libbey-Owens Gas Dept.

Address

P.O. Box 2111, Charleston, 28, W.Va.

Farm

Hoard-Baldwin Acres 200 7 1454 1454

Location

Bob Withrow Branch 10 1/2 16 16

Well No

664 Elev. 1010.2 8 5/8 479 479

District

Stonewall Wayne County 3 1/2 1713 1713

Surface

F.S.Napier, Ferguson, W.Va.

Oil & Gas

The Owens, Libbey-Owens Gas Dept.

Commenced

Box 2111, Charleston, 28, W.Va. Parmaco Comb.

Completed

Sept. 1, 1943 Hook & Disc Wall

Date shot

Oct. 23, 1943 Packer

Volume

10-26-43 2616-3424 with 7850# Size 3 x 6 5/8 x 16

Rock Pressure

10-27-43 2266-2229 and 350# Detonite

Fresh Water

35 MCF Depth 1713-6 to 1708-2

Salt Water

312 lbs. 44 hrs.

180' 3 blrs.pr. hr.

1040'; at 1185' Water level is 490' Coal at 285'

24"; 438' 36"

Surface Clay	Y	S	0	18	Slate	Lt	S	2416	2459
Gravel	Y	S	18	23	Slate & Shells	Dk	M	2459	2524
Slate	Dk	S	23	27	Slate	Wh	S	2524	2604
Slate	Dk	H	27	55	Slate	Dk	S	2604	2614
Slate	Dk	S	55	142	Shale	Br	S	2614	2805
Slate	Lt	S	142	192	Slate	Wh	S	2805	2837
Sand	Wh	S	192	285	Shale	Br	S	2837	3135
Coal	Bk	S	285	287	Slate	Lt	S	3135	3361
Slate	Lt	S	287	327	Shale	Br	S	3361	3422
Sand	Dk	S	327	410	Corniferous Lime	Gr	H	3422	3424
Slate	Wh	M	410	438	TOTAL DEPTH				3424
Coal	Bk	M	438	441	Gas 2235-41 26 M				
Slate	Dk	S	441	478	Gas 2325 Test 26 M				
Slate	Wh	S	478	525	Gas 2353 test 21 M				
Sand	Wh	M	525	550	Gas test 21 M				
Slate	Gr	S	550	562					
Sand	Wh	S	562	625					
Slate	Dk	S	625	673					
Sand	Wh	M	673	714					
Slate	Dk	S	714	737					
Sand	Wh	S	737	757					
Slate	Bk	S	757	812					
Sand	Wh	M	812	842					
Slate	Dk	S	842	968					
Salt Sand	Wh	M	968	1308					
Slate	Dk	S	1308	1350					
Maxon Sand	Wh	H	1350	1385					
Slate	Dk	S	1385	1394					
Red Rock		S	1394	1397					
Slate	Dk	S	1397	1413					
Lime	Dk	H	1413	1444					
Lime	Wh	H	1444	1462					
Slate	Wh	S	1462	1465					
Big Lime	Wh	H	1465	1621					
Injun	Red	M	1621	1690					
Injun	Gr	M	1690	1723					
Shell	Dk	M	1723	1728					
Slate & Shell	Dk	M	1728	1858					
Slate	Dk	S	1858	1898					
Slate & Shells	Dk	M	1898	2129					
Shells	Dk	H	2129	2139					
Slate & Shells	Dk	M	2139	2219					
Brown Shale	Br	S	2219	2234					
Berea Sand	Gr	M	2234	2269					
Slate	Dk	M	2269	2272					
Shell	Dk	H	2272	2298					
Slate	Lt	S	2298	2343					
Shale	Br	S	2343	2416					

3422
10 10
24 12