



Company OWENS LIBBEY-OWENS GAS DEPT.	
Address BOX 4168 CHARLESTON 4, W. VA.	
Farm ETTA R. PRICHARD	
PART OF 1786.6A.	
Tract 18	Acres 160 Lease No. 2176
Well (Farm) No. 8	Serial No. 1091
Elevation (Spirit Level) 644.48	
Quadrangle WAYNE - NW	
County WAYNE	District STONEWALL
Engineer T. S. FLOURNOY	
Engineer's Registration No. 269	
File No. _____	Drawing No. _____
Date 12-30-59	Scale 1" = 300 FT.

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

WELL LOCATION MAP

FILE NO. WAY-1255

+ 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.

No Samples. 6-6-59 (353) Deep Well



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 17

Quadrangle Wayne

WELL RECORD

Permit No. Way-1255

Oil or Gas Well GAS
(KIND)

Company OWENS, LUBREY-OWENS GAS DEPARTMENT
Address P. O. BOX 4168, Charleston 4, W. Va.
Farm Etta R. Prichard Acres 160
Location (waters) _____
Well No. 8 (Serial No. 1091) Elev. 644.48
District Stonewall County Wayne
The surface of tract is owned in fee by _____

Mineral rights are owned by Etta R. Prichard
c/o R. G. Prichard Address Wayne, W. Va.

Drilling commenced 1-14-60
Drilling completed 4-8-60
Date Shot 4-18-60 From 3716 To 3736

With 133-1/3 DuPont Gelatin & 1233-1/3 Trojan Powder

Open Flow /10ths Water in _____ Inch
/10ths Merc. in _____ Inch

Volume Big Six Sand 280 M Cu. Ft.

Rock Pressure 1280 lbs. 72 hrs.

Oil _____ bbls., 1st 24 hrs.

Fresh water 35-40' feet _____ feet

Salt water 1380' feet _____ feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			
16			Kind of Packer
13			Parmaco B. H. Pkr.
10 3/4	311'6"	311'6"	5 1/2 x 14 x 7
8 1/4 5/8	1107'3"	Pulled	3593 - 3396
8 3/8 7	1634'9"	1634'9"	Parmaco Csg. Ancho
5 3/8 1/2	3394'11"	3394'11"	5 1/2 x 14 x 7
3 1/2	----	3742'5"	3073 - 3076
2			Depth set
Liners Used			3 x 5 1/2 16 Down
			Perf. top 3615
			Perf. bottom
			Perf. top 3745
			Perf. bottom 3715

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____

COAL WAS ENCOUNTERED AT 270 FEET 24 INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

_____ FEET _____ INCHES _____ FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Surface	Yellow	Soft	0	10			
Slate	Dark	Soft	10	26			
Slate	Grey	Soft	26	30			
Sand	Light	Soft	30	52	Water 35-40', hole full		
Sand	Light	Hard	52	130			
Slate	Light	Soft	130	137			
Sand	Light	Hard	137	184			
Slate	Light	Soft	184	217			
Sand, Bro.	Light	---	217	230			
Slate	Dark	Soft	230	270			
Coal	Dark	Soft	270	272			
Slate	Dark	Soft	272	312	Installed 10-3/4" csg. at 312' on shoe		
Sl & Shls	Dark	Soft	312	379			
Sand	White	Med.	379	401			
Slate	Dark	Soft	401	408			
Shells	Dark	Hard	408	443			
Sl & Shls	Dark	Soft	443	494			
Sl & Shls	Dark	Med.	494	560			
Sand	White	Med.	560	606			
Sl & Shls	Dark	Med.	606	662			
Sand	White	Med.	662	805			
Sand	White	Hard	805	835			
Sand	White	Med.	835	857			
Sand	White	Hard	857	889			
Sand	White	Med.	889	915			
Sand	White	Hard	915	945			
Sand	White	Med.	945	973			
Sand	White	Hard	973	1002			
Red Rock	Red	Soft	1002	1008			
Sand	White	Med.	1008	1036			
Slate	Dark	Soft	1036	1042			
Red Rock	Red	Soft	1042	1046			
Slate	Dark	Soft	1046	1070			
Little Tim	Dark	Hard	1070	1091			
Break	Dark	Soft	1091	1093			

Formation	Color	Hard or Soft	Top <i>17</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime	White	Hard	1093	1097			
Big Lime	Grey	Hard	1097	1167	SIM 1111 - Sand LM 1109 2-2-60 Installed 8-5/8" csg. at 1111' with shoe		
Big Lime	White	Hard	1167	1264			
Grey Injun	Grey	Hard	1264	1284	SIM 1274 = Sand LM 1274		
Red Injun	Red	Med.	1284	1304			
Grey Injun	Grey	Med.	1304	1395	Water at 1380', 2 BPH Gas show at 1380'		
Sl & Shls	Dark	Soft	1395	1570			
Slate	Dark	Soft	1570	1634			
Shells	Dark	Solid	1634	1635	2-19-60 Installed 7" csg. at 1635' on shoe		
Shells	Dark	Hard	1635	1641			
Shells	Dark	Med.	1641	1686			
Sl & Shls	Dark	Soft	1686	1726			
Sl & Shls	Dark	Med.	1726	1806			
Shells	Light	Hard	1806	1828			
Sl & Shls	Dark	Med.	1828	1873			
Br. Shale	Brown	Soft	1873	1885			
Berea	Dark	Hard	1885	1897			
Slate	Dark	Soft	1897	1901	Gas 1898'		671 cu. ft.
Shells	Dark	Hard	1901	1920			
Shells	Light	Hard	1920	1956	2-25-60 Pulled 8-5/8" csg. at 1107'3"		
Sl & Shls	White	Med.	1956	2017			
Br. Shale	Brown	Med.	2017	2057			
Br. Shale	Brown	Soft	2057	2080			
Slate	White	Shelly	2080	2115			
Sl & Shls	White	Med.	2115	2162			
Slate	White	Soft	2162	2295			
Br. Shale	Brown	Soft	2295	2568			
Br. Shale	Brown	Hard	2568	2605			
Br. Shale	Brown	Med.	2605	2700			
Br. Shale	Brown	Hard	2700	2739			
Br. Shale	Brown	Med.	2739	2761			
Slate	White	Soft	2761	2977	SLM 2883 = Sand LM 2880		
Br. Shale	Brown	Shelly	2977	3000			
Br. Shale	Brown	Soft	3000	3020			
Corn. Lime	Dark	Hard	3020	3702	SLM 3161 = Sand IM 3159 3-21-60 Installed 5 1/2" csg. at 3396' with Parmaco Bottom Hole Pkr. & Parmaco Csg. Anchor Pkr.		
Big Six	Dark	Hard	3702	3776	SIM 3651 = Sand IM 3651 Gas 3725' 9.2 MCF Gas 3728' 126. MCF		
Sl & Sand	Dark	Soft	3776	3787			
Red Rock	Red	Soft	3787	3794	SIM 3794 = Sand IM 3794 4-11-60 Ran Gamma Ray & Temperature logs; work done by Birdwell, Inc. 4-13-60 Filled with stone 3794 - 3746 Filled with stone & clay 3746 - 3734 Drilled out & tamped to 3736 Shot with 133-1/3# DuPont Gelatin from 3716 - 3736 (6:40 P.M.) Test Before Shot: 95. MCF Test 1 Hr. After Shot: 250. MCF Tests while cleaning out: 4-14-60 Test 5 Hrs. After Tamp Out: 243 MCF		
			Total Depth 3794				

3020
644

2376

Date May 12, 1960

APPROVED OWENS, LUDWIG-OWENS GAS DEPARTMENT, Owner

By A. H. SHELTON (Title) Land, Engrg. & Geol.





STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 17A

WELL RECORD
CONTINUED

Oil or Gas Well GAS
(KIND)

Quadrangle Wayne
Permit No. Way-1255

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm Etta R. Prichard Acres 160
Location (waters) _____
Well No. 8 (Serial No. 1091) Elev. 644.48
District Stonewall County Wayne
The surface of tract is owned in fee by _____
Address _____
Mineral rights are owned by _____
Address _____

Drilling commenced _____
Drilling completed _____
Date Shot _____ From _____ To _____
With _____
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

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10			Size of
8 1/4			
6 5/8			Depth set
5 3/16			
3			Perf. top
2			Perf. bottom
Liners Used			Perf. top
			Perf. bottom

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

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
					4-16-60 Test 61 Hrs. After Tamp		Out: 226 MCF
					4-18-60 Shot Big Six 2nd time with 1233 1/3# Trojan Powder from 3716 to 3736 (5 P.M.) Test Before Shot:		219 MCF
					4-22-60 Drilled out tamp at 8:15 P. M. Test 30 Min. After Tamp		Out: 499 MCF
					4-23-60 Test 16 Hrs.	" "	273 MCF
					4-24-60 Test 40 Hrs.	" "	292 MCF
					4-25-60 Test 65 Hrs.	" "	284 MCF
					4-26-60 Test 93 Hrs.	" "	297 MCF
					4-27-60 Test 125 Hrs.	" "	287 MCF
					4-28-60 Installed 3 1/2" tubing at 3747' with Larkin Modified Upside Down Packer.		
					Final Open Flow Big Six		280 MCF
					4-28-60 Shut-in in 3 1/2" tubing at 8:13 P. M. 10 days after 2nd shot.		

