

New Location...   
 Drill Deeper.....   
 Abandonment.....

5.22 S.  
1.66 W  
9 SC (J-2)

Company OWENS, LIBBEY-OWENS GAS DEPT  
 Address BOX 4168 CHARLESTON 4, W. VA.  
 Farm KATHERINE KETCHUM  
 Tract \_\_\_\_\_ Acres 88 Lease No. 2561  
 Well (Farm) No. 1 Serial No. 1067  
 Elevation (Spirit Level) 605.96  
 Quadrangle GUYANDOT - SW  
 County WAYNE District UNION  
 Engineer T. S. FLOURNOY  
 Engineer's Registration No. 269  
 File No. \_\_\_\_\_ Drawing No. \_\_\_\_\_  
 Date MARCH 4, 1959 Scale 1" = 200 FT.

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

WELL LOCATION MAP

FILE NO. Way-1172

+ 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.

Deep Well



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION 22

Quadrangle Guyandot

WELL RECORD

Permit No. Way-1172

Oil or Gas Well DRY HOLE  
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT  
Address P. O. Box 4168, Charleston 4, W. Va.  
Farm Katherine Ketchum Acres 88  
Location (waters) Twelve Pole Creek  
Well No. 1 (Serial No. 1067) Elev. 605.96  
District Union County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Katherine Ketchum  
36 Oakwood Road Address Huntington, W. Va.  
Drilling commenced 3/9/59  
Drilling completed 6/26/59  
Date Shot 6/29/59 From 3786 To 3912  
With 800# Trojan Powder

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			
13			
10 <u>3/4</u>	<u>47'2"</u>	<u>47'2"</u>	Size of
<del>8 1/2</del> <u>5/8</u>	<u>299'10"</u>	<u>299'10"</u>	Depth set
<del>7"</del>	<u>2537'6"</u>	<u>1537'6"</u>	
<del>5 1/2</del> <u>1/2</u>	<u>3505'11"</u>	<u>Pulled</u>	Perf. top
3			Perf. bottom
2			Perf. top
Liners Used			Perf. bottom

Open Flow /10ths Water in Inch  
/10ths Merc. in Inch  
Volume 12 M Berea DRY HOLE Cu. Ft.  
Rock Pressure \_\_\_\_\_ lbs. \_\_\_\_\_ hrs.  
Oil \_\_\_\_\_ bbls., 1st 24 hrs.  
Fresh water \_\_\_\_\_ feet \_\_\_\_\_ feet  
Salt water \_\_\_\_\_ feet \_\_\_\_\_ feet

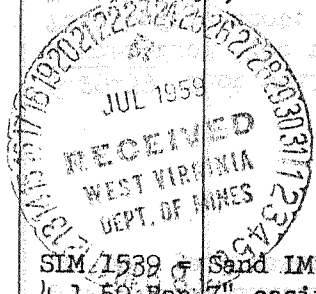
CASING CEMENTED \_\_\_\_\_ SIZE \_\_\_\_\_ No. Ft. \_\_\_\_\_ Date \_\_\_\_\_

COAL WAS ENCOUNTERED AT 392 FEET 36 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	23			
Slate	light	soft	23	234	Ran 10-3/4" casing at 47'2"		Water at 75', 2 B.P.H.
Sand	light	soft	234	285			
Slate	light	soft	285	354	Ran 8-5/8" casing at 299'10" on shoe		
Sand	dark	hard	354	392			
Coal	dark	hard	392	395			
Slate	dark	hard	395	444			
Sl. & Shls.	dark	soft	444	499	Water 490-500, 4 B.P.H.		
Sand	dark	med.	499	596			
Slate	dark	soft	596	700			
Sand	light	med.	700	974	Water at 890, hole full		
Slate	dark	soft	974	1015			
Sand	white	hard	1015	1132			
Slate	dark	soft	1132	1138			
Red Rock	red	soft	1138	1140			
Slate	light	muddy	1140	1156			
L. Lime	dark	hard	1156	1191			
B. Lime	white	hard	1191	1363			
Big Injun	grey	med.	1363	1514			
Sl. & Shls.	dark	med.	1514	1539	SIM 1539 Sand IM 1542		
Shells	dark	solid	1539	1549	4-1-59 Ran 7" casing on shoe at 1537'6"		
Sl. & Shls.	dark	med.	1549	1922			
Shells	light	hard	1922	1955			
Sl. & Shls.	light	soft	1955	1980			
Coffee Shale	brown	soft	1980	2012			
Berea	dark	med.	2012	2018	Gas at 2018,		8.6 M
					Gas at 2023		10.6 M
Sl. & Shls.	grey	med.	2018	2102			
Br. Shale	brown	soft	2102	2217			
Shale	white	soft	2217	2591	Test 2420		6.8 M
Brown Shale	brown	soft	2591	2903			



(Over)

Shot Dry

Formation	Color	Hard or Soft	Top <i>92</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	white	soft	2903	2957	Test 2924		4.3 M
Sl. & Shls.	white	soft	2957	3024			
Slate	white	soft	3024	3077			
Sl. & Shls.	white	soft	3077	3110			
Br. Shale	brown	soft	3110	3142			
Corn. Lime	black	hard	3142	3149	Test 3169		2.1 M
Corn. Lime	white	hard	3149	3199			
Corn. Lime	white	hard	3199	3321	Water after weekend from 3373 to 3379,		
Corn. Lime	dark	hard	3321	3429	3-1/2 bailers.		
Corn. Lime	dark	med.	3429	3465			
Corn. Lime	dark	hard	3465	3785	5-28-59 Ran 5-1/2" casing at 3,507 ft.		
					Set casing on B. H. Anchor packer with		
					second packer, screw anchor pkr., set		
					at 3291 to 3287. Before running casing		
					put in hole mixture of 110 gal. Kontol		
					and 220 gal. water = 330 gal.		
Big Six	light	Hard	3785	3903			
Slate	dark	soft	3903	3912			
			T.D.	3912			
		T.D.	A.S.	3776			
					6-29-59 Shot well with 800# Trojan		
					powder from 3786 to 3912. <i>Kefer</i>		
					Test before shot:		0
					Test 15 Min. A.S.:		11.8 M
					Test 1 Hr. "		1.2
					Test 2 Hrs. "		548 cu.ft
					Hole bridged at 3776 ft.		
					7-6-59		
					Put in 22 gal. water and 3 sacks Cal		
					Seal on top of lead plug.		
					7-8-59		
					Pulled 5-1/2" casing at 3505'11"		
					7-9-59		
					Put in 50' rock bridge 3241 to 3291 ft		
					Drove lead plug on top of bridge.		
					Put in 3 sacks Cal Seal to 3221 ft.		

3142  
606  
2536

Date July 20, 19 59

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner

By A. H. Smith, Mgr.(Title) Land, Engrg., Geo.

65-8-8



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

Quadrangle Guyandot

Permit No. Way-1172

WELL RECORD

Oil or Gas Well DRY HOLE  
(KIND)

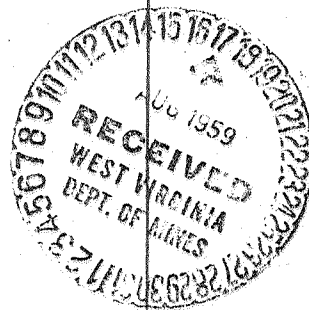
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District Union County Wayne  
The surface of tract is owned in fee by \_\_\_\_\_  
Address \_\_\_\_\_  
Mineral rights are owned by Katherine Ketchum  
36 Oakwood Road Address Huntington, W. Va.  
Drilling commenced 3/9/59  
Drilling completed 6/26/59 2578 3221  
Date Shot 7/15 & 7/17 From 2008 To 2105  
With 6200# Trojan powder, 950# Trojan Powder  
Open Flow /10ths Water in \_\_\_\_\_ Inch  
/10ths Merc. in \_\_\_\_\_ Inch  
Volume DRY HOLE \_\_\_\_\_ 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 1/2			
6 1/2			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
SUPPLEMENTAL RECORD:							
					7/15/59 Shot shale with 6200# Trojan powder from 2578 to 3221 Test B. S. 346 cu. ft. 15 min. A. S. 457 MCF 48 hrs. A. S. 29.3 MCF		
					7/17/59 Shot Berea sand with 950# Trojan powder from 2008 to 2105. Test B. S. 29 MCF 15 min. A. S. 60.7 MCF 24 hrs. A. S. 12.2 MCF		
					Decided to plug.		



Shot Dry