

- New Location.
- Drill Deeper.
- Redrill.
- Abandonment.

BK-122 p 56

Company OWENS, LIBBEY-OWENS GAS DEPT.
 Address BOX 4168 CHARLESTON 4, WEST VA.
 Farm HOARD-BALDWIN
PART OF 5842 AC.
 Tract # 27 Acres 215 Lease No. 1459
 Well (Farm) No. 63 Serial No. 1129
 Elevation (Spirit Level) 931.00
 Quadrangle WAYNE-C
 County WAYNE District STONEWALL
 Engineer Frank Ramsey
 Engineer's Registration No. 1540
 File No. _____ Drawing No. _____
 Date APR 27, 1962 Scale 1" = 600 FT.

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

WELL LOCATION MAP
 FILE NO. WAY-1418

+ 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 (NO SAMPLES) 6-0 (232)



STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION 34

Quadrangle Wayne

Permit No. Way-1418

WELL RECORD

Oil or Gas Well GAS
(KIND)

Company OWENS, LIBBEY-OWENS GAS DEPARTMENT
Address P. O. Box 4168, Charleston 4, W. Va.
Farm Hoard-Baldwin Acres 215

Location (waters) _____
Well No. 63 (Serial No. 1129) Elev. 931.0'
District Stonewall County Wayne

The surface of tract is owned in fee by _____
Address _____

Mineral rights are owned by Owens, Libbey-Owens Gas Dept.
P. O. Box 4168 Address Charleston 4, W. Va.

Drilling commenced July 27, 1962
Drilling completed October 13, 1962
Date Shot 10-15-62 From 2560 To 3470
With 8,700 lbs. of Trojan Powder

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

Volume Br. Shale & Corn. Lime 30 M Cu. Ft.
Rock Pressure 430 lbs. 7 Days kos.

Oil _____ bbls., 1st 24 hrs.

WELL ACIDIZED _____

WELL FRACTURED _____

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

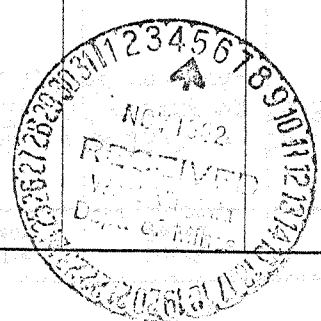
Fresh Water 75, 367 Feet 486 Salt Water _____ Feet _____

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			Oilwell Hookwall
13			Size of
10			3 1/2" x 7" x 16"
8 5/8"	326'10"	326'10"	Depth set
7"	1349'3"	1349'3"	2052 - 2048
5 3/16"			Perf. top _____
3 -1/2"	2054'10"	2054'10"	Perf. bottom _____
2			Perf. top _____
Liners Used			Perf. bottom _____

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

COAL WAS ENCOUNTERED AT 100 FEET 24 INCHES
288 FEET 36 INCHES FEET _____ INCHES
FEET _____ INCHES FEET _____ INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Clay	Red	Soft	0	13			
Sand	White	Hard	13	45			
Sand	Light	Soft	45	100	Water at 75'	1/3 BPH	
Coal	Black	Soft	100	102			
Slate	Dark	Soft	102	120			
Sand	Grey	Soft	120	236			
Sl & Shls	Grey	Soft	236	284			
Slate	Grey	Soft	284	288			
Coal	Black	Soft	288	291			
Slate	Dark	Soft	291	360	SIM 326 = Sand IM 325		Installed 8-5/8" casing at 326' on a shoe in red clay. Cleaned out red mud.
Sand	Light	Soft	360	440	Water at 367'	3 BPH	
Slate	Dark	Soft	440	499			
Sand	Light	Soft	499	514			
Slate	Dark	Soft	514	618	Water at 486'	Hole filling up	
Sand	Light	Soft	618	623			
Slate	Dark	Soft	623	640			
Slate	Dark	Soft	640	719			
Sand	Light	Soft	719	739			
Slate	Light	Soft	739	840			
Sand	Light	Med.	840	1043			
Slate	Dark	Soft	1043	1051			
Sand	Light	Med.	1051	1142			
Sand	Light	Med.	1142	1204			
Slate	Dark	Soft	1204	1214			
Sand	Dark	Hard	1214	1233			
Slate	Dark	Soft	1233	1300			
Little Lime	Dark	Hard	1300	1332			



Formation	Color	Hard or Soft	Top <i>34</i>	Bottom	Oil, Gas or Water	Depth Found	Remarks
Slate	Dark	Soft	1332	1334			
Big Lime	Grey	Hard	1334	1359	8-16-62	SIM 1353 =	Sand IM 1353
					Installed 7"	casing at 1353'	Casing set in 15' of red mud.
Big Lime	Grey	Hard	1359	1382			
Break	Dark	Soft	1382	1384			
Big Lime	Grey	Hard	1384	1399			
Big Lime	Grey	Hard	1399	1494			
Big Lime	Light	Hard	1494	1521			
Red Injun Sand	Red	Med.	1521	1541			
Grey Injun Sand	Grey	Hard	1541	1599			
Sl & Shls	Grey	Med.	1599	1620	8-30-62		Schlumberger ran gamma-gamma, gamma-ray, temperature and induction logs.
Slate	Grey	Med.	1620	2042			
Shells	Grey	Med.	2042	2051			
Shells (Packer)	Light	Hard	2051	2081			
Slate	Light	Soft	2081	2127			
Sand	Light	Hard	2127	2142			
Berea Sand	Light	Hard	2142	2158	Gas pay 2142'	346 cu.ft.	
Shell	Grey	Hard	2158	2172	Test 2159'	300 cu.ft.	
Sand	Light	Hard	2172	2192			
Slate	Grey	Med.	2192	2204			
Sl & Shls	Dark	Med.	2204	2241			
Br. Shale	Brown	Med.	2241	2301			
Slate	Light	Med.	2301	2311			
Shell	Light	Hard	2311	2322			
Slate	Light	Soft	2322	2409			
Shell	Light	Med.	2409	2416			
Slate	Light	Soft	2416	2560			
Br. Shale	Brown	Med.	2560	3060	Test: No gas at 2929'		
Slate	Light	Med.	3060	3080			
Slate	Light	Soft	3080	3121			
Sl & Shls	Light	Med.	3121	3246	Gas 3121'	367 cu.ft.	
Slate	Light	Med.	3246	3290	Gas 3290'	346 cu.ft.	
Br. Shale	Brown	Med.	3290	3345	Gas 3309'	387 cu.ft.	
					Gas 3319'	424 cu.ft.	
					Gas 3331'	505 cu.ft.	
Br. Shale	Brown	Soft	3345	3355			
✓ Corn. Lime	Dark	Hard	3355	3433	Gas 3428'	520 cu.ft.	
					SIM 3428 =	Sand IM 3428	
					Show of sulphur water	3430'	
Sand	Dark	Hard	3433	3467			
Sandy Lime	Dark	Hard	3467	3512			
Lime	Blue	Hard	3512	3535	Test 3535'	387 cu.ft.	
					10-13-62		
			Total Depth 3535'		Filled hole with rock from 3535 to 3470'		
					SIM 3470		
					Test 2:00 A.M.	424 cu.ft.	
					King Torpedo Co. shot the Brown Shale and Corniferous Lime sections from 2560 to 3470' with 8,700# Trojan Powder.		
					Test 15 Min. A. S.	886 M	
					Test 1 Hr. A. S.	250 M	
					Test 6 Hrs. A. S.	58.6 M	
					Test 24 Hrs. A. S.	28.4 M	
					Test 45 Hrs. A. S.	22.2 M	
					SIM 3195'		
					Installed 3 1/2" tubing at 2055' with a Hookwall packer set from 2052 to 2048'		
					Test 4:00 P.M.	20.5 M	
					Well shut-in in 3 1/2" tubing at 4:13 P.M.		
					24 hr. rock pressure 3 1/2" tbg. = 180#		

3355
931
2424

Date November 2, 1962

APPROVED OWENS, LIBBEY-OWENS GAS DEPARTMENT, Owner
By A. H. Smith, Mgr. Wells, Engrg. & Geol.