



Company Owens, Libbey-Owens Gas Dept.
 Address Box 4158 Charleston 4 W. Va.
 Farm Boone-Kanawha Land & Min. Co.
 Tract WV 46, 92, Acres 1986 Lease No. 50
 Well (Farm) No. 1, 2, 485 Serial No. 103 & 125
 Elevation (Spirit Level) Shown above.
 Quadrangle Peytona
 County Boone District Peytona
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date Jul. 12, 1949 Scale 1" = 1000 Ft.

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

WELL LOCATION MAP

FILE NO. 300-162-A-#1
300-163-A-#2
300-164-A-#4
300-165-A-#5

+ 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.



(LHP)

726

STATE OF WEST VIRGINIA DEPARTMENT OF MINES OIL AND GAS DIVISION

Quadrangle

Permit No. Boo 164-A

WELL RECORD

Oil or Gas Well GAS (KIND)

Company OWENS, LIBBEY-OWENS GAS DEPT.
Address Box 4158, Charleston, W. Va.
Farm Boone-Kan. Land & Mining acres 1986

Location (waters)

Well No. OLO #103, Farm #4 Elev. 902.3 6"

District Paytona County Boone

The surface of tract is owned in fee by B.K.L.&M. Co.

Mineral rights are owned by Boone-Kan. Land & Min. Co.

1st. Htgn. Nat'l. Bank Bldg. Address Huntington, W. Va.

Drilling commenced 10-5-22

Drilling completed 1-5-23

Date Shot From To

With

Open Flow /10ths Water in Inch

Volume 200 M Cu. Ft.

Rock Pressure 160 lbs. 24 hrs.

Oil bbls., 1st 24 hrs.

WELL ACIDIZED

WELL FRACTURED

RESULT AFTER TREATMENT

ROCK PRESSURE AFTER TREATMENT

Fresh Water Feet Salt Water Feet

Casing and Tubing	Used in Drilling	Left in Well	Packers
Size			Kind of Packer
16			<u>OWS XXX Anchor</u>
13	<u>20</u>	<u>20</u>	Size of
10	<u>65</u>	<u>65</u>	<u>6-5/8" x 2"</u>
8 1/4	<u>542</u>	<u>354</u>	Depth set <u>1279</u>
6 5/8	<u>1202</u>	<u>1202</u>	Perf. top
5 3/16			Perf. bottom
3			Perf. top
2	<u>1869</u>	<u>1860</u>	Perf. bottom
Liners Used			

CASING CEMENTED SIZE No. Ft. Date

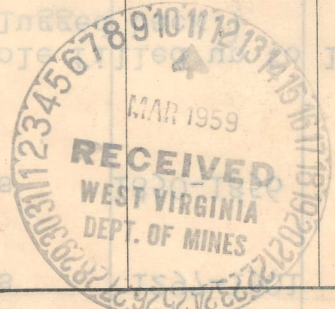
COAL WAS ENCOUNTERED AT FEET INCHES

FEET INCHES FEET INCHES

FEET INCHES FEET INCHES

Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth	Remarks
Surface		0	10				
Slate		10	30				
Sand		30	50				
Coal		50	53				
Sand		53	75				
Slate		75	100		Water	100'	
Sand		100	130				
Slate		130	175		Water	175'	
Sand		175	200				
Slate		200	260				
Sand		260	280				
Slate		280	300				
Sand		300	320				
Slate		320	340				
Sand		340	480				
Coal		480	483				
Sand		483	655				
Slate		655	725		Water	735'	
Salt Sand		725	865				
Slate		865	880				
2nd. S. Sand		880	1010				
Slate		1010	1025				
Red Rock		1025	1070				
Slate		1070	1085				
Maxton Sand		1085	1160				
Little Lime		1160	1185				
B. Slate		1185	1190				
Lime	Gray	1190	1195				
Pencil Cave		1195	1198				

JUL 23 1959



(over)

Formation Color Hard or Soft Top Bottom Oil, Gas or Water Depth Remarks

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Formation	Color	Hard or Soft	Top	Bottom	Oil, Gas or Water	Depth Found	Remarks
Big Lime			1198	1385	Gas	1297-1301	280 M
Injun Sand			1385	1440			
l. & Shells			1440	1840			
rn. Shale			1840	1850	Gas	1850-1856	130 M
Area Sand			1850	1856			
late			1856	1894			
Total Depth				1894	(Hole filled up to Plugged back.)		1860,

OIL AND GAS DIVISION
DEPARTMENT OF MINES
STATE OF MISSISSIPPI

Date _____, 19____

APPROVED _____, Owner



By _____ (Title)

1/12