



New Location
 Drill Deeper
 Abandonment

Company Owens-Illinois Glass Co. Gas Dept.
 Address Box 9158 Charleston 4 W. Va.
 Farm C. R. Michael
 Tract _____ Acres 25 Lease No. 198
 Well (Farm) No. 1 Serial No. 33
 Elevation (Spirit Level) 1181.69
 Quadrangle Blacksville 9-53.40"W 2.16"
 County Marion District Lincoln
 Engineer T.S. Flournoy
 Engineer's Registration No. 269
 File No. _____ Drawing No. _____
 Date May 16, 1947 Scale 1 Inch = 300 Feet

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

WELL LOCATION MAP
 FILE NO. MAR-467-A

+ 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.



551

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 467-A Oil or Gas Well Gas
(KIND)

Company Owens-Illinois Glass Co. Gas Dept.
Address Box 4158, Charleston - 4 - W. Va.
Farm C. R. Michael Acres 25.0
Location (waters) Davy Run
Well No. 33 - 1 Elev. 1181.69
District Lincoln County Marion
The surface of tract is owned in fee by C. R. Michael
R. R. #2 Address Fairmont, W. Va.
Mineral rights are owned by Coal - Industrial Colliers Corp.
C. R. Michael Address Barrackville
Drilling commenced 4-20-22
Drilling completed 7-18-22
Date Shot Not From _____ To _____
With _____
Open Flow 23 /10ths Water in 2 Inch
_____ /10ths Merc. in _____ Inch
Volume 251 M Cu. Ft.
Rock Pressure 300 lbs. 12 hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water 77 feet to 85 feet
Salt water 1460 feet to 1480 feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|---------------|--------------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | <u>Anchor</u> |
| 10 | <u>503</u> | <u>503</u> | Size of _____ |
| <u>8 3/8</u> | <u>1116</u> | <u>Pulled</u> | <u>2 x 6-5/8 x 16</u> |
| <u>6 5/8</u> | <u>1780.6</u> | <u>1780.6</u> | Depth set <u>1787</u> |
| 5 3/16 | | | |
| 3 | | | Perf. top <u>2863</u> |
| 2 | <u>2970</u> | <u>2970</u> | Perf. bottom _____ |
| Liners Used | | | Perf. top <u>2966</u> |
| | | | Perf. bottom <u>2970</u> |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 375 FEET 379 INCHES
_____ FEET _____ INCHES FEET _____ INCHES
490 FEET to 494 INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------------|-------|--------------|-----|--------|-------------------|-------------|-----------|
| Surface gravel | | | 0 | 5 | | | |
| Black slate | | | 5 | 20 | | | |
| Britty Lime | | | 20 | 40 | | | |
| Sand | | | 40 | 73 | | | |
| Sand stone coal (10%) | | | 73 | 77 | | | |
| Slate | | | 77 | 85 | Water | 77-85 | Hole full |
| Lime Shells | | | 85 | 125 | | | |
| Sand Shells | | | 125 | 140 | | | |
| Lime Shells | | | 140 | 175 | | | |
| Slate | | | 175 | 196 | | | |
| Hard Lime | | | 196 | 216 | | | |
| Blue Slate | | | 216 | 220 | | | |
| Lime Shells | | | 220 | 245 | | | |
| Hard Lime | | | 245 | 267 | | | |
| Red Shale | | | 267 | 273 | | | |
| Hard Lime | | | 273 | 281 | | | |
| Blue Slate | | | 281 | 284 | | | |
| Hard Lime | | | 284 | 310 | | | |
| White slate | | | 310 | 320 | | | |
| Lime Shells | | | 320 | 335 | | | |
| Hard sand | | | 335 | 375 | | | |
| Mapletown Coal (Sand) | | | 375 | 379 | | | |
| Hard Lime | | | 379 | 425 | | | |
| White slate | | | 425 | 490 | | | |
| Pittsburgh Coal | | | 490 | 494 | | | |
| White slate | | | 494 | 500 | | | |
| Lime Shells | | | 500 | 545 | | | |
| Red slate | | | 545 | 553 | | | |
| Hard Lime | | | 553 | 594 | | | |
| Lime Shells | | | 594 | 615 | | | |
| White slate | | | 615 | 643 | | | |
| Lime Shells | | | 643 | 660 | | | |
| Murphy Sand | | | 660 | 680 | | | |
| White slate | | | 680 | 705 | | | |
| Lime Shells | | | 705 | 730 | | | |
| Sand | | | 730 | 740 | | | |
| Black slate | | | 740 | 752 | | | |
| Lime shells | | | 752 | 780 | | | |

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-----------------------|-------|--------------|------|--------|-------------------|-------------|-----------|
| Slate | | | 780 | 815 | | | |
| Lime Shells | | | 815 | 825 | | | |
| Red Shale | | | 825 | 835 | | | |
| Lime Shells | | | 835 | 900 | | | |
| White Slate | | | 900 | 908 | | | |
| Sand Shells | | | 908 | 930 | | | |
| White Slate | | | 930 | 940 | | | |
| Hard Lime | | | 940 | 950 | | | |
| Black Slate | | | 950 | 992 | | | |
| Big Dunkard Sand | | | 992 | 1038 | | | |
| White Slate | | | 1038 | 1095 | | | |
| Gas Sand | | | 1095 | 1135 | | | |
| Black Slate | | | 1135 | 1155 | | | |
| Hard Lime | | | 1155 | 1253 | | | |
| First Salt sand | | | 1253 | 1275 | | | |
| Slate and Shells | | | 1275 | 1371 | | | |
| Sand | | | 1371 | 1391 | | | |
| Black Slate | | | 1391 | 1404 | | | |
| Second Salt Sand Hard | | | 1404 | 1480 | Water | 1460-1480 | Hole full |
| slate | | | 1480 | 1520 | | | |
| Sand shells | | | 1520 | 1580 | | | |
| slate | | | 1580 | 1600 | | | |
| Lime | | | 1600 | 1635 | | | |
| Red Rock | | | 1635 | 1655 | | | |
| Lime | | | 1655 | 1685 | | | |
| Lime Shells | | | 1685 | 1695 | | | |
| Red Rock | | | 1695 | 1710 | | | |
| Critty Lime | | | 1710 | 1720 | | | |
| Blue slate | | | 1720 | 1730 | | | |
| Little Lime | | | 1730 | 1757 | | | |
| Pencil Cave | | | 1757 | 1762 | | | |
| Big Lime | | | 1762 | 1814 | | | |
| Injun Sand | | | 1814 | 1950 | Gas | 1842-48 | |
| Blue slate | | | 1950 | 1970 | | | |
| slate and Shells | | | 1970 | 1990 | | | |
| sand | | | 1990 | 2004 | | | |
| Lime shells | | | 2004 | 2035 | | | |
| Sand, Hard | | | 2035 | 2050 | | | |
| slate and Shells | | | 2050 | 2090 | | | |
| Lime Shells | | | 2090 | 2136 | | | |
| Lime and slate | | | 2136 | 2280 | | | |
| Sand and Shells | | | 2280 | 2320 | | | |
| Gantz Sand Hard | | | 2320 | 2360 | | | |
| Slate | | | 2360 | 2368 | | | |
| Fifty Foot Sand | | | 2368 | 2380 | | | |
| slate | | | 2380 | 2393 | | | |
| Thirty Foot Sand | | | 2393 | 2440 | | | |
| slate and Shells | | | 2440 | 2560 | | | |
| Red Rock | | | 2560 | 2600 | | | |
| Sandy Shells | | | 2600 | 2625 | | | |
| Gordon Sand | | | 2625 | 2655 | | | |
| slate | | | 2655 | 2660 | | | |
| sand | | | 2660 | 2700 | | | |
| slate | | | 2700 | 2710 | | | |
| Lime Shells | | | 2710 | 2745 | | | |
| Fourth Sand | | | 2745 | 2760 | | | |
| Lime Shells | | | 2760 | 2840 | | | |
| Fifth Sand | | | 2840 | 2868 | Gas | 2858-2863 | |
| slate | | | 2868 | 2935 | | | |
| Lime and Shells | | | 2935 | 2940 | | | |
| white slate | | | 2940 | 2960 | | | |
| Lime shells | | | 2960 | 2970 | | | |
| Total Depth | | | | 2970 | | | |

Date May 16, 1947

APPROVED Owens-Illinois Glass Co. Gas Dept., Owner

By T. S. Flournoy (Title) Chief Engineer