



Company WEST VIRGINIA GAS CORPORATION AND SPARTAN GAS COMPANY
 Address P.O. BOX 404 CHARLESTON, W. VA.
 Farm B. F. RADER ET AL
 Tract Acres 216[±] 25[±] Lease No. WV665
 Well (Farm) No. ONE Serial No. 065
 Elevation (Spirit Level) 637.49 (STADIA)
 Quadrangle RIPLEY S.W.
 County JACKSON District RIPLEY
 Engineer W.S. GRAVELY
 Engineer's Registration No. _____
 File No. 3 Drawing No. W0458
 Date MAY 18, 1942 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. JAC-354

+ 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.

0.82 S
~~2.65 W~~
 2.61 - W

"IMPERIAL" TRACING CLOTH
K & E CO., N. Y.

WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

| | | |
|--------------------|------------------------------------|------------------------|
| Permit No. Jac-354 | | Gas Well |
| Company | West Virginia Gas Corporation | CASING & TUBING |
| Address | 801 Union Bldg., Charleston, W.Va. | 18 20'2 20'2 |
| Farm | D.F.Rader et al Acres 21.6a25p | 16 179'9 0 |
| Location | Little Mill Creek | 13 620'2 0 |
| Well No | One Serial O-65 Elev. 637.49 | 10 1020'4 224'11 |
| District | Ripley Jackson County | 8 1941'4 1941'4 |
| Surface | D.F.Rader et al, Ripley, W.Va. | 7 4887'10 4887'10 |
| Mineral | Same | |
| Commenced | 5-18-42 | No packer |
| Completed | 8-12-42 | Perf. top 4939 |
| Date Shot | 8-12-42 Depth 4956-4979 | Perf. bot 4945 |
| Flow | 13/10ths M in 7" | Casing cemented: |
| Volume | 5738 MCF | 15 bags aquagel behind |
| Rock Pressure | --- | 8 5/8" |
| Fresh Water | 1658 Hole Full | 12 bags cement behind |
| | | 7" |

| | | |
|---|------|------|
| Clay | 0 | 20 |
| Sand | 20 | 55 |
| Red Rock | 55 | 90 |
| Sand | 90 | 170 |
| Slate | 170 | 183 |
| Red Rock | 183 | 213 |
| Slate White | 213 | 264 |
| Red Rock | 264 | 290 |
| Slate | 290 | 375 |
| Sand | 375 | 454 |
| Slate | 454 | 580 |
| Pink Rock | 580 | 619 |
| Slate-Blue | 619 | 629 |
| Red Rock | 629 | 710 |
| Slate & Shells | 710 | 855 |
| Sand | 855 | 865 |
| Slate | 865 | 885 |
| Slate & Shells | 885 | 950 |
| Sand | 950 | 962 |
| Slate & Shells | 962 | 1018 |
| Sand | 1018 | 1057 |
| Slate & Shells | 1057 | 1082 |
| Sand | 1082 | 1110 |
| Slate | 1110 | 1149 |
| Sand | 1149 | 1184 |
| Shale | 1184 | 1204 |
| Sand | 1204 | 1260 |
| Slate | 1260 | 1280 |
| Sand | 1280 | 1325 |
| Slate Black | 1325 | 1375 |
| Sand | 1375 | 1395 |
| Slate | 1395 | 1540 |
| Sand - <i>Small Sand</i> | 1540 | 1753 |
| → Lime - <i>Big lime</i> | 1753 | 1852 |
| → Injun Sand | 1852 | 1910 |
| Slate | 1910 | 1915 |
| → Sand <i>Sand</i> | 1915 | 1924 |
| Slate & Shells | 1924 | 2297 |
| → Dorca Sand | 2297 | 2307 |
| Slate & Shells | 2307 | 3540 |
| → Brown Shale - <i>44</i> | 3540 | 3640 |
| Slate & Shells | 3640 | 3835 |
| Brown Shale | 3835 | 3966 |
| White Slate | 3966 | 4035 |
| Shale | 4035 | 4175 |
| White Slate | 4175 | 4575 |
| Brown Shale | 4575 | 4800 |
| White Slate | 4800 | 4825 |
| → Black Shale - <i>MARCELLUS</i> | 4825 | 4844 |
| → Corniferous Lime - <i>463</i> | 4844 | 4956 |
| → Criskany Sand | 4956 | 4980 |
| TOTAL DEPTH | | 4980 |

Shot 8-12-42 from 4958' to 4979'
20 Min A.S. 14/10 M 7" 22#
30 Min. A.S. 13/10 M 7" 22#

475