



New Location  X  
 Drill Deeper   
 Abandonment

*abandoned  
Jan. 47*

*3,22-S  
 3,20  
 3,43  
 3,40-W*

|                             |  |
|-----------------------------|--|
| Company                     | UNITED FUEL GAS CO.                        |
| Address                     | CHARLESTON, W.VA.                          |
| Farm                        | J. B. SHINN ET AL                          |
| Tract                       | Acres <u>450</u> Lease No. <u>40945</u>    |
| Well (Farm) No.             | <u>1</u> Serial No. <u>5101</u>            |
| Elevation (Spirit Level)    | <u>895.53</u>                              |
| Quadrangle                  | KENNA                                      |
| County                      | JACKSON District <u>RIPLEY</u>             |
| Engineer                    | <i>[Signature]</i>                         |
| Engineer's Registration No. | <u>659</u>                                 |
| File No.                    | <u>60-83</u> Drawing No.                   |
| Date                        | <u>MAR. 16, 1942</u> Scale <u>1"=1000'</u> |

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

**WELL LOCATION MAP**  
 FILE NO. Jac-316

+ 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.

*6-6-1942*



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

|                    |  |                |                 |
|--------------------|--|----------------|-----------------|
| Permit No. Jac 316 |  |                | Gas Well        |
| Kenna Quad.        |  |                | CASING & TUBING |
| Company            | United Fuel Gas Co.                                | 13 3/8         | 610 0           |
| Address            | Charleston, W.Va.                                  | 10 1/2         | 1264 604'5      |
| Farm               | J.B. Shinn et al Acres 450                         | 85/8           | 2192-10 2192-10 |
| Location           | --   | 7              | 5174'6 5174'6   |
| Well No.           | 5101   | Elev. 895.53   | 2 5290 5290     |
| District           | Ripley   | Jackson County |                 |
| Surface            | --   |                |                 |
| Mineral            | J.B. Shinn et al, Fairplain, W.Va.                 |                |                 |
| Commenced          | 5-3-42   |                |                 |
| Completed          | 9-9-42   |                |                 |
| Date Shot          | 9-11-42 Depth 5230 to 5261                         |                |                 |
| Volume             | with 60 qts. Nitroglycerin                         |                |                 |
| Fresh Water        | Gas Well 921 1/2 bailer; 1170-1180 1 blr. pr. hr.; |                |                 |
| Salt Water         | 1265-1270 6 blrs. pr. hr.; 1800' H.F.              |                |                 |

9005 Mcf, R.P. 1710 lbs - Vol. XVI

16' Wood Conductor

|              |      |      |                            |      |      |
|--------------|------|------|----------------------------|------|------|
| Soil         | 0    | 10   | Black Shale                | 1477 | 1490 |
| Red Rock     | 10   | 50   | Salt Sand                  | 1490 | 1532 |
| Lime         | 50   | 90   | Black Break                | 1532 | 1537 |
| Shale        | 90   | 115  | Sand                       | 1537 | 1635 |
| Lime         | 115  | 120  | Black Break                | 1635 | 1640 |
| Red Rock     | 120  | 170  | Sand Hard                  | 1640 | 1940 |
| Lime         | 170  | 233  | Lime - Biglime             | 1940 | 2090 |
| Sand         | 233  | 300  | Big Injun                  | 2090 | 2175 |
| Gray Shale   | 300  | 320  | Shale & Shells             | 2175 | 2550 |
| Red Rock     | 320  | 335  | Berea                      | 2550 | 2565 |
| Lime         | 335  | 360  | Shale & Shells             | 2565 | 2855 |
| Red Rock     | 360  | 400  | Lime                       | 2855 | 3050 |
| Lime         | 400  | 415  | Slate & Shells             | 3050 | 3990 |
| Blue Shale   | 415  | 425  | Gray Shale                 | 3990 | 4080 |
| Red Rock     | 425  | 454  | Slate                      | 4080 | 4222 |
| Blue Shale   | 454  | 540  | Brown Shale                | 4222 | 4310 |
| Black Shale  | 540  | 551  | Slate                      | 4310 | 4337 |
| Sand Hard    | 551  | 591  | Brown Shale                | 4337 | 4367 |
| Slate        | 591  | 540  | White Slate                | 4367 | 4779 |
| Lime         | 640  | 700  | Brown Shale                | 4779 | 4790 |
| Slate        | 700  | 720  | Blue Slate                 | 4790 | 4866 |
| Red Rock     | 720  | 735  | Brown Shale                | 4866 | 5117 |
| Lime         | 735  | 740  | Corniferous Lime - 463     | 5117 | 5231 |
| Red Rock     | 740  | 775  | Oriskany Sand              | 5231 | 5274 |
| Lime         | 775  | 798  | TOTAL DEPTH                |      | 5274 |
| Shale Gray   | 798  | 841  |                            |      |      |
| Red Lime     | 841  | 851  | Oil 1490-1495 Show no test |      |      |
| Red Rock     | 851  | 875  | Gas 2556-2560 show no test |      |      |
| Lime         | 875  | 921  | Gas 5231-5235              |      |      |
| Break, Black | 921  | 923  | Gas 5253                   |      |      |
| Lime         | 923  | 965  | Gas 5253-5257              |      |      |
| Red Lime     | 965  | 975  |                            |      |      |
| Gray Lime    | 975  | 980  |                            |      |      |
| Sand         | 980  | 1015 |                            |      |      |
| Blue Mud     | 1015 | 1020 |                            |      |      |
| Brown Lime   | 1020 | 1070 |                            |      |      |
| White Slate  | 1070 | 1075 |                            |      |      |
| Lime         | 1075 | 1090 |                            |      |      |
| Sand         | 1090 | 1095 |                            |      |      |
| Lime         | 1095 | 1105 |                            |      |      |
| Broken Lime  | 1105 | 1110 |                            |      |      |
| Sand         | 1110 | 1155 |                            |      |      |
| Dark Lime    | 1155 | 1160 |                            |      |      |
| Dunkard Sand | 1160 | 1232 |                            |      |      |
| Pink Shale   | 1232 | 1257 |                            |      |      |
| Sand         | 1257 | 1320 |                            |      |      |
| Black Shale  | 1320 | 1347 |                            |      |      |
| Gray Shale   | 1347 | 1400 |                            |      |      |
| Sand         | 1400 | 1477 |                            |      |      |