



Company COLUMBIAN CARBON CO.

Address BOX 873 CHARLESTON W.VA.

Farm PARSONS-BURCH

Tract \_\_\_\_\_ Acres 175 Lease No. WU-74

Well (Farm) No. TWO Serial No. \_\_\_\_\_

Elevation (Spirit Level) 819.0

Quadrangle RIPLEY S.W. 8 SC.

County JACKSON District RIPLEY

Engineer J. M. O'Neil

Engineer's Registration No. 772

File No. \_\_\_\_\_ Drawing No. 193

Date OCT. 31, 1942 Scale 1" = 660'

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

WELL LOCATION MAP  
FILE NO. JAC-415

+ 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.

66-192 Deep Well.

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

Permit No. Jac 415  
Ripley S.W. Quad.

Gas Well  
CASING & TUBING

|               |  |        |         |           |
|---------------|--|--------|---------|-----------|
| Company       | Columbian Carbon Company                                   |        |         |           |
| Address       | Box 873, Charleston, W.Va.                                 | 16     | 42'3    | 42'3      |
| Farm          | Parsons Burch Acres 175                                    | 13 3/8 | 668'6   | Pulled    |
| Location      | Stationcamp Run  | 10 1/2 | 1124'4  | Pulled    |
| Well No       | 2 (GW-691) Elev. 826.25 DF                                 | 8 5/8  | 2129'3  | Pulled    |
| District      | Ripley Jackson County                                      | 7      | 5051'2  | 5051'2    |
| Surface       | O.F. Hutton & Minnie Silket, R.F.D. 3 2 3/8                | 3 1/2  | 5167'10 | 5167'10   |
|               | Liverpool, W.Va.   |        | 82'6    | Same      |
| Mineral       | --   |        |         |           |
| Commenced     | 12-21-42   |        |         | No Packer |
| Completed     | 3-30-43  |        |         |           |
| Date shot     | 3-30-43 Depth 5107 to 5157<br>with 333-1/3 # Atlas Gelatin |        |         |           |
| Volume        | 3,341 MCF  |        |         |           |
| Rock Pressure | 870 lbs. 36 hrs.   |        |         |           |
| Fresh Water   | 345' 4-14" blrs. /hr.; 645' 8-14"<br>blrs. / hr.;          |        |         |           |
| Salt Water    | 1265 k-10" blr./hr.; 1810 H.F.                             |        |         |           |

|                                 |         |         |                                 |          |          |
|---------------------------------|---------|---------|---------------------------------|----------|----------|
| Clay                            | 0       | 6       | Slate                           | 1470     | 1535     |
| Sand                            | 6       | 40      | Sand                            | 1535     | 1590     |
| Slate                           | 40      | 50      | Slate & Shells                  | 1590     | 1738     |
| Red Rock                        | 50      | 60      | ✓ Salt Sand                     | 1738     | 1850     |
| Sand                            | 60      | 70      | ✓ Lime - <i>Big Line</i>        | 1850     | 2015     |
| Red Rock                        | 70      | 105     | ✓ Sand - <i>Injun</i>           | 2015     | 2070     |
| Sand                            | 105     | 115     | Sandy Lime                      | 2070     | 2105     |
| Red Rock                        | 115     | 120     | Slate                           | 2105     | 2110     |
| Sand                            | 120     | 125     | Lime                            | 2110     | 2140     |
| Red Rock                        | 125     | 175     | Slate & Shells                  | 2140     | 4000     |
| Lime                            | 175     | 225     | Brown Shale                     | 4000     | 4305     |
| Sand                            | 225     | 238     | White Shale                     | 4305     | 4735     |
| Shale                           | 238     | 275     | Brown Shale                     | 4735     | 4926     |
| Red Rock                        | 275     | 295     | White Slate                     | 4926     | 4950     |
| Sand                            | 295     | 380     | Black Shale - <i>MARCELLUS</i>  | 4950     | 5000 SLM |
| Slate                           | 380     | 385     | ✓ Corniferous Lime - <i>463</i> | 5000 SLM | 5106 SLM |
| Sand                            | 385     | 395     | Oriskany Sand                   | 5106 SLM | 5167 SLM |
| Slate                           | 395     | 408     | TOTAL DEPTH                     |          | 5167 SLM |
| Red Rock                        | 408     | 425     |                                 |          |          |
| Gritty Lime                     | 425     | 440     |                                 |          |          |
| Slate                           | 440     | 445     |                                 |          |          |
| Bed Rock                        | 445     | 480     |                                 |          |          |
| Shale                           | 480     | 500     |                                 |          |          |
| Red Rock                        | 500     | 590     |                                 |          |          |
| Sand - <i>1 1/2 P.H. Sand ?</i> | 590     | 650     |                                 |          |          |
| Slate                           | 650     | 653 SLM |                                 |          |          |
| Lime Shell                      | 653 SLM | 658 SLM |                                 |          |          |
| Blue Slate                      | 658     | 705     |                                 |          |          |
| Sand                            | 705     | 725     |                                 |          |          |
| Shale                           | 725     | 775     |                                 |          |          |
| Red Rock                        | 775     | 900     |                                 |          |          |
| Shale                           | 900     | 940     |                                 |          |          |
| Slate                           | 940     | 965     |                                 |          |          |
| Red Rock                        | 965     | 1000    |                                 |          |          |
| Lime Shell                      | 1000    | 1015    |                                 |          |          |
| Red Rock                        | 1015    | 1040    |                                 |          |          |
| Lime Shell                      | 1040    | 1050    |                                 |          |          |
| Slate                           | 1050    | 1123    |                                 |          |          |
| Lime                            | 1123    | 1150    |                                 |          |          |
| Slate                           | 1150    | 1155    |                                 |          |          |
| Lime                            | 1155    | 1170    |                                 |          |          |
| Slate                           | 1170    | 1212    |                                 |          |          |
| Sand - <i>Big Dark ?</i>        | 1212    | 1285    |                                 |          |          |
| Slate                           | 1285    | 1310    |                                 |          |          |
| Sand                            | 1310    | 1380    |                                 |          |          |
| Slate                           | 1380    | 1405    |                                 |          |          |
| Sand                            | 1405    | 1425    |                                 |          |          |
| Slate                           | 1425    | 1440    |                                 |          |          |
| Sand                            | 1440    | 1470    |                                 |          |          |

PAYS: 5107-14; 5120-24; 5132-39; 5145-48

CEMENT RECORD:  
1-4-43 Aquagelled 1 3/8" casing. Ran 17 sacks aquagel mixed with 1 bale Fibrotex.  
1-14-43 Aquagelled 10 1/2" casing. Ran 20 sacks aquagel mixed with 1 bale Fibrotex  
2-1-43 Aquagelled 8 5/8" casing. Ran 26 sacks aquagel mixed with 1 bale Fibrotex. Circulation while mixing- returns 1675'  
3-14-43 Cemented 7" casing. Ran 50 sacks aquagel mixed with 4 bales Fibrotex. Picked pipe up and ran 8 sacks cement in dump bailer. Pipe went back to bottom. Circulation and returns 2875'.