



New Location..X
 Drill Deeper.....
 Abandonment.....
 B.L.P. 58

NOTE: LOCATION IS 1.6 MILES EAST OF LEGG

Company COLUMBIAN CARBON CO.
 Address BOX 1240 - CHARLESTON - W.VA.
 Farm GEORGE W. SPENCER ET AL
 Tract _____ Acres 354 Lease No. 813-1076
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 742.7
 Quadrangle CHARLESTON - N.E.
 County KANAWHA District POCA
 Engineer J. McCall
 Engineer's Registration No. 772
 File No. _____ Drawing No. _____
 Date MAY 20, 1940 Scale 1" = 1320'

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

WELL LOCATION MAP
 FILE NO. KAN-711

+ 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.

6-6-192 V

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

Permit No. Kan-711
Charleston Quad.

Gas Well

Company Columbian Carbon Co.
Address Box 1240, Charleston, W. Va.
Farm Geo. W. Spencer ACRES 354
Location Huggard Fork
Well No. 1 (GW-454) ELEV. 749.3 DE
District Poca - Kanawha County
Surface -
Mineral Geo. W. Spencer, et al,
 829 Walnut St., Charleston, W. Va.
 (For other addresses contact
 Columbian Carbon Co.)

Commenced June 11, 1940
Completed Sept. 16, 1940
Shot Not shot
Volume 3,487,000 c.f.
Rock Pressure 940 lbs. 5 days
Oil -
Fresh Water 37' - 95' hole full
Salt Water 930 l blr. hr. - 995 HF

CASING & TUBING

| | | |
|--------|--------|--------|
| 13-3/8 | 55-1 | 55-1 |
| 10-3/4 | 335-4 | pulled |
| 8-5/8 | 1660 | 1660 |
| 7 | 4771 | 4771 |
| 2-3/8 | 4938-7 | 4938-7 |

No packer

| | | | |
|------------------|---------|------|------------|
| Sand | 0 | 50 | FW 37 |
| Red Rock | 50 | 75 | |
| Sand | 75 | 150 | HFW 95 |
| Slate | 150 | 190 | |
| Sand | 190 | 200 | |
| Slate | 200 | 220 | |
| Sand | 220 | 295 | |
| Slate & Lime | 295 | 310 | |
| Sand | 310 | 345 | |
| Slate | 345 | 370 | |
| Sand | 370 | 410 | |
| Slate & Shells | 410 | 485 | |
| Sand | 485 | 510 | |
| Slate | 510 | 545 | |
| Sand | 545 | 600 | Sh. G 890 |
| Slate | 600 | 825 | SW 930 |
| Sand | 825 | 1320 | HFSW 995 |
| Slate | 1320 | 1340 | |
| Sand | 1340 | 1385 | |
| Slate | 1385 | 1410 | |
| Little Lime | 1410 | 1430 | |
| Slate | 1430 | 1435 | |
| Big Lime | 1435 | 1578 | |
| Big Injun Sand | 1578 | 1630 | |
| Slate & Lime | 1630 | 1645 | |
| Black Lime | 1645 | 1655 | Sh. G 1650 |
| Slate | 1655 | 2300 | |
| Lime | 2300 | 2310 | |
| Slate & Shells | 2310 | 3565 | |
| Brown Shale | 3565 | 3600 | |
| Slate & Shells | 3600 | 3695 | |
| Brown Shale | 3695 | 3790 | |
| Slate & Shells | 3790 | 4405 | |
| Brown Shale | 4405 | 4600 | |
| White Slate | 4600 | 4630 | |
| Brown Shale | 4630 | 4732 | SLM |
| Corniferous Lime | SLM4732 | 4839 | SLM |
| Oriskany Sand | SLM4839 | 4881 | |
| Black Lime Break | 4881 | 4898 | |
| Oriskany Sand | 4898 | 4910 | |
| Lime | 4910 | 4921 | SLM |
| Total Depth | | 4921 | SLM |

CEMENT RECORD:

6/17/40 Aquageled 10" casing. Ran 4 sacks Aquagel 4% solution plug on top of Aquagel. L. C. Miller, Cementer, Halliburton Oil Well Cementing Co.

7/20/40 - Cemented 8-5/8" Casing. Ran 80 sacks Alpha Cement 4% mixture. Ran 4 sacks Aquagel ahead of cement, and 1 sack with cement. Plug stopped 1639'. Ran 10' spacer and plug. 15' solid cement in hole. F. M. Mills, Cementer - Halliburton Oil Well Cementing Company.

8/31/40 - Cemented 7" casing. Ran 12 Sacks Alpha Cement with dump bailer. 49' cement in hole. Cemented by Columbian Carbon Co.

Vol XVI - Oriskany gas 4839-4849+