



New Location X
 Drill Deeper.
 Abandonment.

Company COLUMBIAN CARBON CO.
 Address Box 1240 CHARLESTON W.VA.
 Farm NORMA HAYNES
 Tract _____ Acres 150 Lease No. C-757
 Well (Farm) No. 1 Serial No. _____
 Elevation (Spirit Level) 981.0
 Quadrangle KENNA EC
 County KANAWHA District POCA
 Engineer C.A. Branham
 Engineer's Registration No. 683
 File No. _____ Drawing No. _____
 Date 9/16/41 Scale 1" = 660'

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

WELL LOCATION MAP
 FILE NO. KAN-865

+ 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.

5-6-42 Deep well ✓

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

Permit No. Kan-365

| | | | | |
|---------------|-------------------------------------|-----------------|--------|--------|
| Company | Columbian Carbon Co. | Gas Well | | |
| Address | Box 1240, Charleston, W.Va. | CASING & TUBING | | |
| Farm | Norma Haynes Acres 150 | 13 3/8 | 42'4 | 42'4 |
| Location | Allens Creek of Poca River | 10 1/2 | 802'2 | Pulled |
| Well No | 1 GW-613) Elev. 973.9DF | 8 5/8 | 1855'2 | 1855'2 |
| District | Poca Kanawha County | 7 | 5227' | 5227' |
| Surface | Norma Haynes, Sissonville, W.Va. | | | |
| Mineral | - | | | |
| Commenced | 10-9-41 | | | |
| Completed | 1-7-42 | | | |
| Not Shot | | | | |
| Volume | 18,108 MCF | | | |
| Rock Pressure | 1650 lbs. 6 days | | | |
| Salt Water | 1495' 4-10" blrs.pr.hr.; 1540' H.F. | | | |
| | 1951' 1-8" Dlr. every 3 hrs. | | | |

| | | | |
|---------------------|---------|------|---|
| Slate | 0 | 20 | CEMENT RECORD: |
| Sand | 20 | 50 | 10-19-41 Aquagelled 10 1/2" casing. Ran |
| Red Rock | 50 | 90 | 22 sacks Aquagel-6% mixed with 50# |
| Slate | 90 | 100 | Fibrotex. |
| Red Rock | 100 | 130 | |
| Sand | 130 | 145 | 11-5-41 Cemented 8 5/8" casing. Ran |
| Red Rock | 145 | 175 | 113 sacks Alpha cement mixed with |
| Slate | 175 | 190 | 2 sacks Aquagel. 12' solid cement |
| Sand | 190 | 270 | in pipe. |
| Blue Slate | 270 | 300 | |
| Red Rock | 300 | 325 | 12-22-51 Cemented 7" casing. Ran 10 |
| Sand | 325 | 380 | sacks Alpha cement with dump bailer. |
| Slate | 380 | 385 | 50' cement in pipe. |
| Lime Shell | 385 | 390 | |
| Slate | 390 | 400 | |
| Red Rock | 400 | 450 | |
| Sand | 450 | 470 | |
| Red Rock | 470 | 660 | |
| Sand | 660 | 685 | |
| Red Rock | 685 | 750 | |
| Sand | 750 | 755 | |
| Slate | 755 | 765 | |
| Sand | 765 | 835 | |
| Slate | 835 | 845 | |
| Sand | 845 | 1010 | |
| Slate | 1010 | 1070 | |
| Sand | 1070 | 1140 | |
| Slate | 1140 | 1160 | |
| Sand | 1160 | 1300 | |
| Slate | 1300 | 1370 | |
| Sand | 1370 | 1410 | |
| Slate | 1410 | 1425 | |
| Salt Sand | 1425 | 1810 | |
| L. Lime | 1810 | 1840 | |
| Pencil Cave | 1840 | 1845 | |
| Big lime | 1845 | 1990 | |
| L. Injun Sand | 1990 | 2005 | |
| Slate & Shells | 2005 | 3755 | |
| Lime Shell | 3755 | 3785 | |
| Lime Shells & Slate | 3785 | 3930 | |
| Slate & Shells | 3930 | 4135 | |
| Brown Shale | 4135 | 4265 | Gas 4230 Good Show |
| Wh. Slate & Shells | 4265 | 4800 | |
| Brown Shale | 4800 | 5100 | |
| White Slate | 5100 | 5125 | |
| Brown Shale | 5125 | 5170 | |
| Black Shale | 5170 | 5187 | SLM |
| Corniferous Lime | 5187SLM | 5308 | SLM |
| Oriskany Sand | 5308SLM | 5338 | |
| TOTAL DEPTH | | 5338 | Pay 5315-38 |