



Permit Record = 12-30-39

Handwritten: 12-30-39

Handwritten: W - 2.15
S - 4.96

New Location X
 Drill Deeper
 Abandonment

Company R. E. MC CABE
 Address CHARLESTON, W. VA.
 Farm WILFORD HUTTON ET AL
 Tract _____ Acres 50 Lease No. _____
 Well (Farm) No. ONE Serial No. _____
 Elevation (Spirit Level) 958.8
 Quadrangle KENNA
 County JACKSON District RIPLEY
 Engineer L. B. HOLCLOW
 Engineer's Registration No. 250
 File No. _____ Drawing No. _____
 Date DEC. 13, 1939 Scale 1" = 500'

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

WELL LOCATION MAP
 FILE NO. JAC-64

+ 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.

Handwritten: 6-6-1942 Deep Well

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

Permit No. Jnc-64
Kenna Quad.

Gas Well

CASING & TUBING

| | | | | |
|-----------------|------------------------------------|-------|---------|---------|
| Company | R. E. McCabe | 10 | 838-5 | 838-5 |
| Address | Box 332, Charleston, W. Va. | 8-1/4 | 2161-10 | 2161-10 |
| Farm | Wilford Hutton ACRES 50 | 7 | 5173 | 5173 |
| Well No. | 1 ELEV. 958.8 | | | |
| District | Washington - Jackson County | | | |
| Surface Address | Burgardner Weirs | | | |
| Mineral | Wilford Hutton, Charleston, W. Va. | | | |
| Commenced | Jan. 16, 1940 | | | |
| Completed | May 16, 1940 | | | |
| Volume | 14,391,000 c.f. | | | |
| Rock Pressure | 1710 lbs. after 14 hrs. | | | |
| Salt Water | 1648 | | | |

ABD
-
H/48

| | | | | | |
|-----------------------------|------|------|---|------|------|
| Yellow Clay | 0 | 36 | — Pencil Cave | 1920 | 1926 |
| Red Rock | 36 | 49 | — Big Lime | 1926 | 2084 |
| Sand | 49 | 125 | — Big Injun | 2084 | 2137 |
| Blue Slate | 125 | 150 | White Slate | 2137 | 2146 |
| Red Rock | 150 | 184 | Gritty Lime | 2146 | 2165 |
| Sand | 184 | 206 | Steel Line 2161 by Halliburton | | |
| Red Rock | 206 | 243 | White Slate | 2165 | 2177 |
| White Slate | 243 | 250 | Lime | 2177 | 2278 |
| Red Rock | 250 | 285 | Slate & Shells | 2278 | 2550 |
| White Slate | 285 | 314 | — Brown Shale | 2550 | 2556 |
| Red Rock | 314 | 365 | — Berca Grit | 2556 | 2570 |
| White Slate | 365 | 530 | Slate & Shells | 2570 | 3762 |
| Sand | 530 | 544 | — Brown Shale - 441 | 3762 | 3850 |
| Red Rock | 544 | 624 | Slate & Shells | 3850 | 4015 |
| Gritty Lime | 624 | 640 | Brown Shale | 4015 | 4115 |
| Red Rock | 640 | 700 | Slate & Shells | 4115 | 4224 |
| Lime | 700 | 745 | Brown Shale | 4224 | 4394 |
| White Slate | 745 | 752 | Slate & Shells | 4394 | 4528 |
| Gritty Lime | 752 | 775 | Brown Shale | 4528 | 4553 |
| Red Rock | 775 | 814 | Slate & Shells | 4553 | 4824 |
| Lime | 814 | 822 | Brown Shale | 4824 | 5060 |
| White Slate | 822 | 836 | White Slate | 5060 | 5084 |
| Lime Shell | 836 | 840 | Brown Shale | 5084 | 5114 |
| Pink Rock | 840 | 865 | Halliburton Steel Line 5173 | | |
| White Slate | 865 | 880 | — Black Shale - <i>Maccollus</i> | 5114 | 5154 |
| Black Slate | 880 | 888 | — Corniferous Lime - <i>463</i> | 5154 | 5267 |
| White Slate | 888 | 890 | — Oriskany | 5267 | |
| Sand | 890 | 898 | Total Depth | | 5284 |
| White Slate | 898 | 952 | | | |
| Sand | 952 | 980 | | | |
| White Slate | 980 | 990 | | | |
| Sand | 990 | 1053 | | | |
| A little water in this sand | | | | | |
| White Slate | 1053 | 1117 | Gas 2089 to 2093 | | |
| Gritty Lime | 1117 | 1154 | " 2131 to 2135 | | |
| Black Slate | 1154 | 1158 | " 2564 | | |
| Sand | 1158 | 1214 | " 4265 | | |
| Black Slate | 1214 | 1236 | " 5271 to 5284 | | |
| Sand | 1236 | 1316 | | | |
| Black Slate | 1316 | 1322 | | | |
| Sand | 1322 | 1366 | | | |
| White Slate | 1366 | 1470 | | | |
| Black Slate | 1470 | 1480 | | | |
| White Slate | 1480 | 1505 | | | |
| Lime | 1505 | 1538 | | | |
| Black Slate | 1538 | 1590 | | | |
| Gritty Lime | 1590 | 1620 | | | |
| — Sand, Salt | 1620 | 1790 | | | |
| Black Slate | 1790 | 1795 | | | |
| Sand | 1795 | 1854 | | | |
| Black Slate | 1854 | 1862 | | | |
| Sand | 1862 | 1920 | | | |

475

V