

NEW LOC.

| | |
|-----------------------------|----------------------------|
| Company | United Fuel Gas Co. |
| Address | Charleston, W.Va. |
| Farm | B.A. Sisson |
| Tract | Acres 186 Lease No. 40268 |
| Well (Farm) No. | 1 Serial No. 4771 |
| Elevation (Spirit Level) | |
| Quadrangle | Kenna S.C. |
| County | Kanawha District Poca |
| Engineer | G.A. Cunningham |
| Engineer's Registration No. | 659 |
| File No. | 60-71 Drawing No. |
| Date | Dec. 6, 1937 Scale 1"=660' |

STATE OF WEST VIRGINIA
 Department of Mines
 OIL AND GAS DIVISION
 CHARLESTON
 WELL LOCATION MAP

File No. **KAN-503**

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.

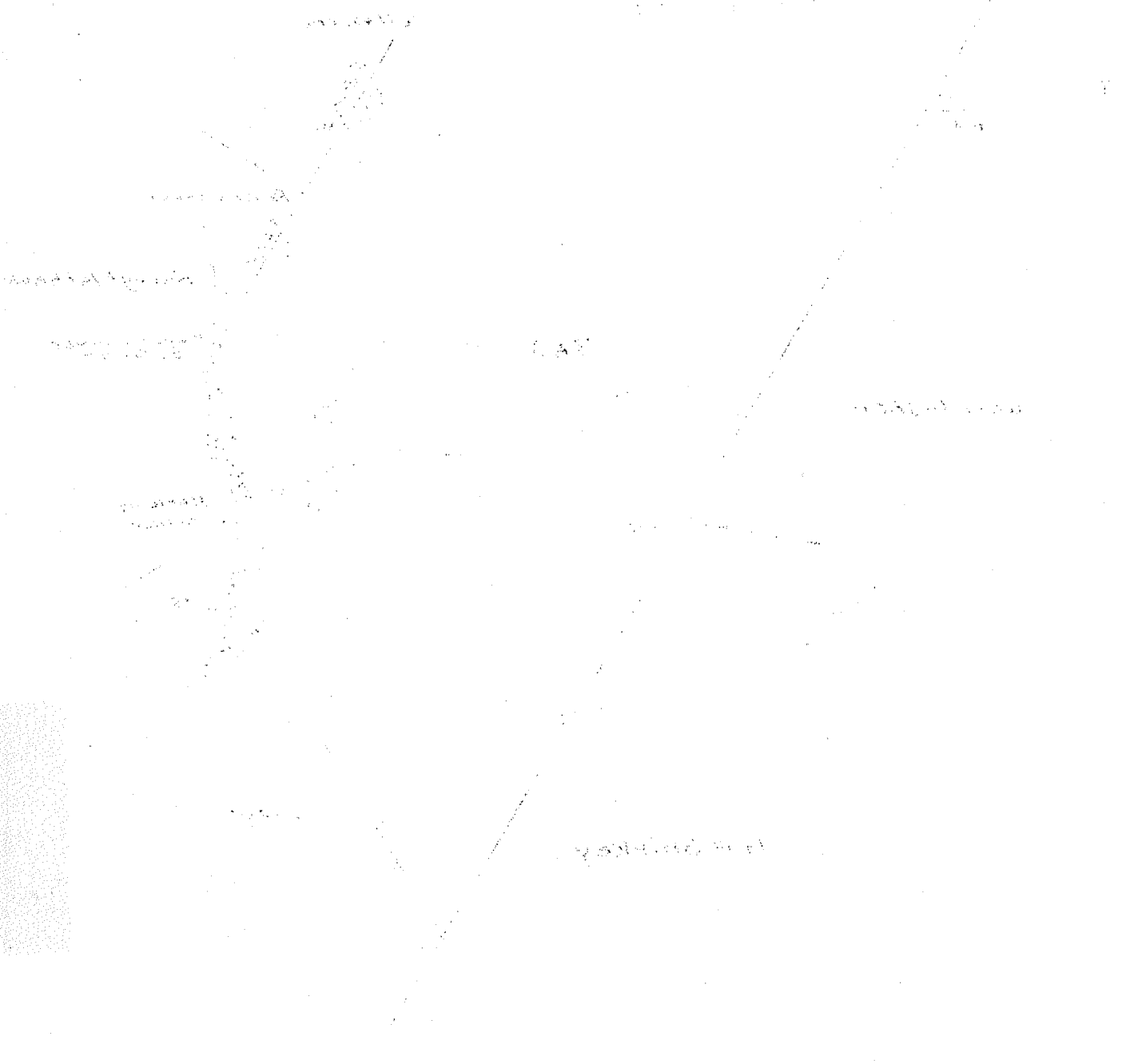
Denotes one inch spaces on border line of original tracing.

6-6-1938 See Back

FORMER 31 32

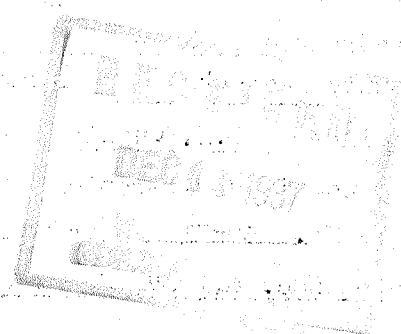
W.L. 1516 - 1567
Pen Cave 1567 - 72
Big Line 1572 - 1745
Big Dig 1745 - 1810

EL 722.09



[Faint, mostly illegible text, possibly a list or notes related to the drawing above.]

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WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Kan-503

Gas Well

Kenna Quad.

CASING & TUBING

| | | | | |
|---------------------------|-------------------------------------|-------|------|------|
| Company | United Fuel Gas Co. | 18 | 57 | 57 |
| Address | Charleston, W. Va. | 8-1/4 | 1847 | 1847 |
| Farm | B. A. Sisson - Acres 186 | 13 | 496 | 496 |
| Location | Poca River | 10 | 1577 | 1577 |
| Well No. | 4771 Elev. 722.09 | 7 | 4795 | 4795 |
| District | Poca - County Kanawha | | | |
| Surface & Mineral Address | B. A. Sisson Sissonville, W. Va. | | | |
| Drilling Commenced | Jan. 15, 1938 | | | |
| Drilling Completed | April 19, 1938 | | | |
| Date Shot | Not Shot | | | |
| Open Flow | 100/10ths Merc. in 7" | | | |
| Volume | 17,694,700 | | | |
| Rock Pressure | 1625 lbs. 48 hrs. | | | |
| Salt Water | 1190 and 1795 | | | |

Formation Color ^{Har} 5 TOP Base Result Formation Color ^{Har} 5 TOP Base Result

| Formation | Color | ^{Har} 5 | TOP | Base | Result | Formation | Color | ^{Har} 5 | TOP | Base | Result |
|------------------|-------|------------------|------|--------|--------|-----------|-------|------------------|-----|------|---------------------------------|
| Red Rock | | | 0 | 40 | | | | | | | |
| Gravel | | | 40 | 57 | | | | | | | |
| Slate | | | 57 | 67 | | | | | | | |
| Red Rock | | | 67 | 225 | | | | | | | |
| Blue Mud | | | 225 | 350 | | | | | | | |
| Red Rock | | | 350 | 425 | | | | | | | |
| Black Slate | | | 425 | 470 | | | | | | | |
| Red Rock | | | 470 | 490 | | | | | | | |
| Sand | | | 490 | 572 | | | | | | | |
| Lime | | | 572 | 582 | | | | | | | |
| Sand | | | 582 | 610 | | | | | | | |
| Slate & Shells | | | 610 | 666 | | | | | | | |
| Sand | | | 666 | 685 | | | | | | | |
| Slate | | | 685 | 700 | | | | | | | |
| Sand | | | 700 | 750 | | | | | | | |
| Slate & Shells | | | 750 | 1108 | | | | | | | |
| Salt Sand | | | 1108 | 1516 | | | | | | | Hole Full water 1190' |
| Little Lime | | | 1516 | 1567 | | | | | | | |
| Pencil Cave | | | 1567 | 1572 | | | | | | | 10" csg. at 1577' SLM. |
| BIG LIME | | | 1572 | 1745 | | | | | | | Show Oil at 1785' |
| BIG INJUN | | | 1745 | 1810 | | | | | | | Water 1795' - 2 bailers 24 hrs. |
| Slate & Shells | | | 1810 | 1890 | | | | | | | 8 5/8" Casing at 1847' 6" SLM |
| Lime | | | 1890 | 1908 | | | | | | | |
| Sand | | | 1908 | 1922 | | | | | | | |
| Slate | | | 1922 | 2200 | | | | | | | |
| Berea Shells | | | 2200 | 2250 | | | | | | | |
| Slate Shells | | | 2250 | 3389 | | | | | | | |
| Brown Shale | | | 3389 | 3450 | | | | | | | |
| White Slate | | | 3450 | 3677 | | | | | | | |
| Brown Shale | | | 3677 | 3720 | | | | | | | |
| White Slate | | | 3720 | 3775 | | | | | | | Show of Gas at 3775' |
| Brown Shale | | | 3775 | 3984 | | | | | | | |
| White Slate | | | 3984 | 4430 | | | | | | | |
| Brown Shale | | | 4430 | 4675 | | | | | | | |
| Black Shale | | | 4675 | 4777 | | | | | | | |
| CORNIFEROUS LIME | | | 4777 | 4875 | | | | | | | |
| 7" O D Casing | | | 4795 | S.L.M. | | | | | | | |
| Oriskany Sand | | | 4875 | | | | | | | | Gas 4883 to 4893 |
| TOTAL DEPTH | 4893' | | | | | | | | | | Cable Measure ✓ |