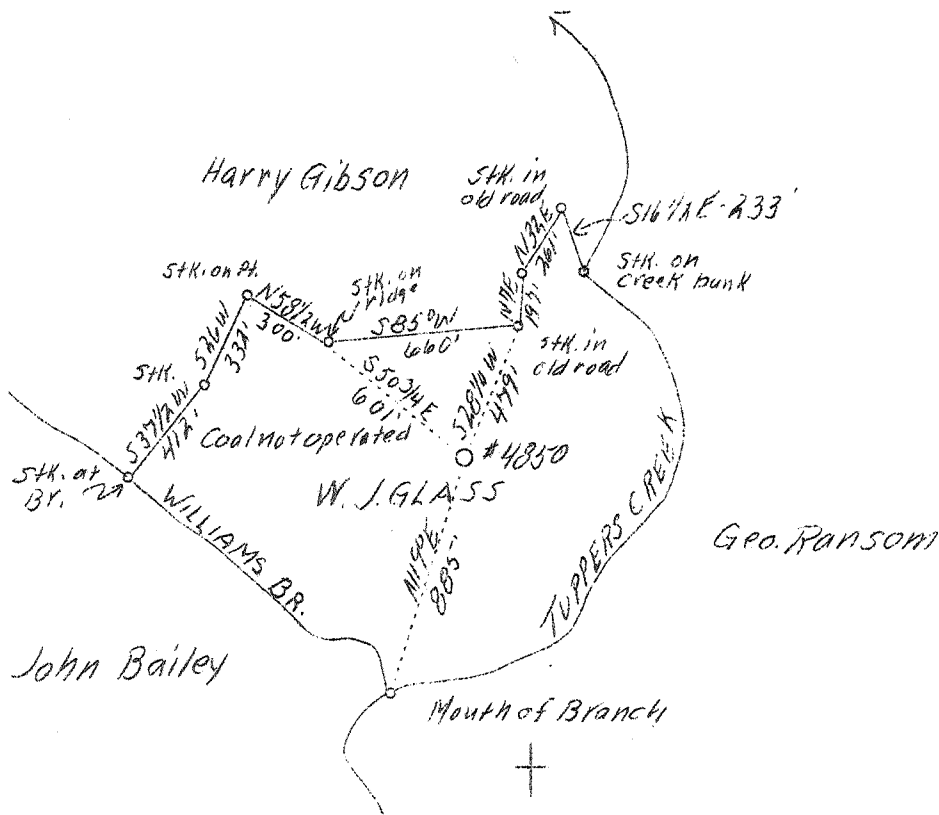


LATITUDE 38° 35'

LONGITUDE 81° 35'



3,555 - W
5,70 S

ABD
2/51

New Location

| | |
|-----------------|----------------------------|
| Company | United Fuel Gas Co. |
| Address | Charleston, W. Va. |
| Farm | W. J. Glass & C. T. Tolley |
| Acres | 43 |
| Lease No. | 40267 |
| Well (Farm) No. | 1 |
| Serial No. | 4850 |
| Elevation (SL) | - |
| Quadrangle | Kenna |
| County | Kanawha |
| District | Poca |
| Engineer | G. A. Cunningham |
| Eng. Reg. No. | 659 |
| File No. | 60-69 |
| Date | May 19, 1939 |
| Scale | 1" - 660' |

STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP

File No. Kan-632

x Denotes location of well on U. S. 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.

✓

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL COMPLETION RECORD

Permit No. Kan-532

Gas Well

Kenns Quad.

CASING & TUBING

| | | | | |
|---------------------------|---|-------|------|--------|
| Company | United Fuel Gas Co. | 14 | 152 | pulled |
| Address | Charleston, W. Va. | 10 | 512 | 512 |
| Farm | W. J. Glass & C. T. Tolley | 8-1/4 | 1762 | 1762 |
| Acres | 43 and pt. 236-1/2 | 7 | 4739 | 4739 |
| Location | Tumpers Creek | | | |
| Well No. | 4850 ELEV. 748.5 | | | |
| District | Foca - Kanawha County | | | |
| Surface & Mineral Address | T. J. Glass & C. T. Tolley Sissonville, W. Va. | | | |
| Commenced | 6/17/39 - completed 9/7/39 | | | |
| Shot | Not shot | | | |
| Open Flow | - | | | |
| Volume | Gas Well 10358 mcf - UOLXVI | | | |
| Rock Pressure | - | | | |
| Fresh Water | 120 - Salt Water 1120-1130, 1175 | | | |

| Formation Color ^{1/2} Top Base Result | | | | Formation Color ^{1/2} Top Base Result | | | |
|--|--|------|------|--|--|------|------|
| Red Rock | | 0 | 20 | Corniferous Lime | | 4722 | 4822 |
| Sand | | 20 | 25 | Oriskany Sand | | 4822 | 4845 |
| Red Rock | | 25 | 45 | Total Depth | | | 4845 |
| Slate, blue | | 45 | 96 | | | | |
| Sand | | 96 | 112 | | | | |
| Slate | | 112 | 120 | water | | | |
| Sand | | 120 | 135 | | | | |
| Red Rock | | 135 | 155 | | | | |
| Slate | | 155 | 208 | | | | |
| Red Rock | | 208 | 263 | | | | |
| Blue Slate | | 263 | 300 | | | | |
| Sand | | 300 | 340 | | | | |
| Slate | | 340 | 385 | | | | |
| Sand | | 385 | 450 | | | | |
| Slate | | 450 | 490 | | | | |
| Sand | | 490 | 514 | | | | |
| Slate | | 514 | 552 | | | | |
| Red Rock | | 552 | 562 | | | | |
| Slate | | 562 | 656 | | | | |
| Gas Sand | | 656 | 660 | | | | |
| Slate & Shells | | 660 | 725 | | | | |
| Sand | | 725 | 753 | | | | |
| Slate & Shells | | 753 | 925 | | | | |
| Sand | | 925 | 955 | | | | |
| Slate | | 955 | 985 | | | | |
| Sand | | 985 | 1044 | | | | |
| Black Lime | | 1044 | 1068 | | | | |
| Salt Sand | | 1068 | 1473 | W 1120 | | | |
| Slate & Shells | | 1473 | 1483 | to 1175 | | | |
| Sand | | 1483 | 1508 | | | | |
| Little Lime | | 1508 | 1528 | | | | |
| Pencil Cave | | 1528 | 1533 | | | | |
| Big Lime | | 1533 | 1713 | | | | |
| Injun Sand | | 1713 | 1754 | | | | |
| Slate | | 1754 | 1760 | | | | |
| Lime Shells | | 1760 | 1772 | | | | |
| Slate & Shells | | 1772 | 1925 | | | | |
| Weir Shells | | 1925 | 2100 | | | | |
| Slate | | 2100 | 2135 | | | | |
| Berea Sand | | 2135 | 2168 | Oil 2150 | | | |
| Slate & Shells | | 2168 | 3374 | | | | |
| Shale | | 3374 | 3434 | | | | |
| Lime Shells | | 3434 | 3736 | | | | |
| Brown Shale | | 3736 | 3919 | | | | |
| White Slate | | 3919 | 4400 | | | | |
| Brown Shale | | 4400 | 4582 | | | | |
| Black Shale | | 4582 | 4722 | | | | |