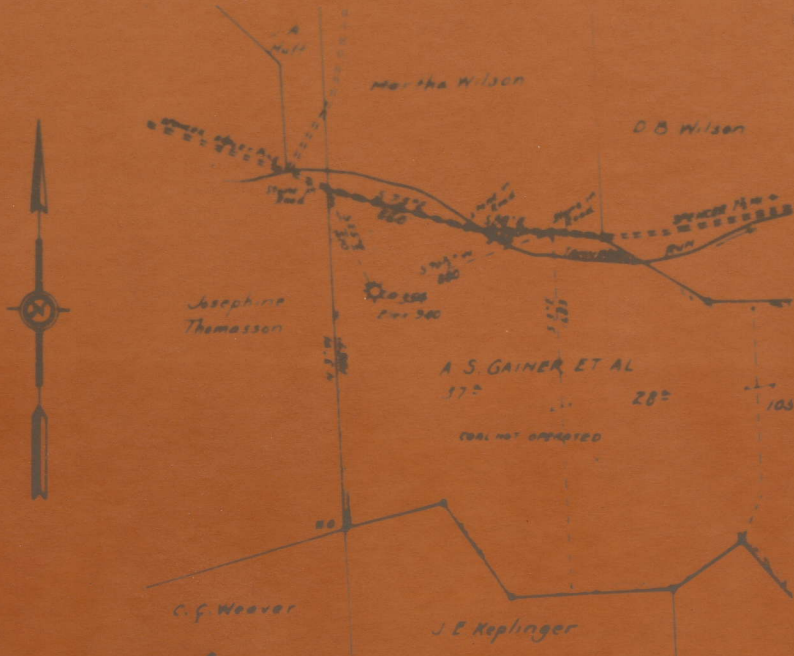


I, the undersigned, hereby certify that this map is correct and shows all the information to the best of my knowledge and belief, required by the Oil and Gas Section of the Mining Laws of West Virginia.

L. A. Cunningham
Engineer

Acknowledged before me, a Notary Public of Roane County, W. Va.
this 27 day of September 1934.

My Commission expires _____



ROA-93-A

A. S. Gainer et al
Well No. 354
Spencer District
Roane County, W. Va.
Sept. 28 1934

UNITED FUEL GAS CO.
MAP SHOWING
WELL TO BE ABANDONED
SCALE - 1 INCH = 800 FEET

OCT 2 - 1934

Spencer District, Roane County, W. Va.
By United Fuel Gas Co., Charleston, W. Va.

Tanner Run On 220 acres, surface and mineral rights owned by A. S. Gainer et al.,
Spencer, W. Va.

Drilled previous to June 1, 1929.

Elevation, 940' B.

13" conductor, 16'; 10" casing, 820'; 8½", 1100'; 6-5/8", 2120'.

Callanan packer, 3 x 6-5/8, set at 2190'.

No coal was encountered.

Abandonment reported to Dept. of Mines Oct. 1, 1934.

Well was shot at 2568-2585'.

Salt water at 1840'.

Producing hole. (Gas).

| | Top. | Bottom. | Thickness. |
|--------------------------------------|------|---------|------------|
| Pittsburgh Sand | 550 | - 630 | 80 |
| Sand | 710 | - 770 | 60 |
| 1st Cow Run Sand | 1070 | - 1150 | 80 |
| 2nd Cow Run Sand | 1168 | - 1248 | 80 |
| Gas Sand (gas, 1310') | 1320 | - 1430 | 110 |
| Salt Sand (oil, 1738'; water, 1840') | 1450 | - 2050 | 600 |
| Big Lime | 2050 | - 2160 | 110 |
| Big Injun Sand | 2160 | - 2170 | 10 |
| Berea Grit | 2565 | - 2585 | 20 |
| Total depth | | | 2645 |

ROA-93-A