

GEOLOGICAL DEPARTMENT
UNION GAS CORPORATION
INDEPENDENCE, KANSAS

25-26-25E

Company The Southwestern Gas Company

S. T. R. 25-26-25
County Bourbon
State Kansas
Lease and Dugger #5
Well No.

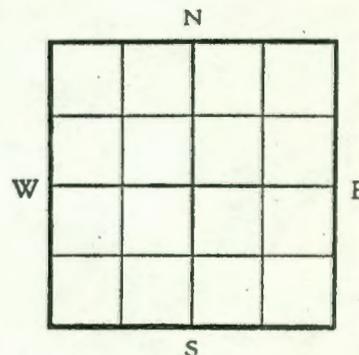
Contractor Union Gas Corporation

Drilling Commenced Feb. 24, 1928 Drilling Completed Feb. 28, 1928

Initial Production 150,720 cu. ft. Initial Rock Pressure

Location 480' from the east line and 450' from the south line of the Section

Casing 8 1/2" packer set 19' 238'6"



Driller's Record of Formations

| | | | |
|----|------------------|-----|-------------------------------|
| 4 | soil | 4 | |
| 4 | yellow clay | 8 | |
| 14 | blue shale | 22 | |
| 1 | coal | 23 | |
| 24 | light shale | 47 | little water at 48' |
| 4 | dark shale | 51 | |
| 31 | light shale | 82 | |
| 10 | blue shale muddy | 92 | |
| 22 | dark shale | 114 | |
| 13 | light shale | 127 | |
| 1 | lime | 128 | |
| 3 | dark shale | 131 | S.L.M. |
| 9 | sand | 140 | gas not enough to test |
| 25 | light shale | 165 | |
| 17 | dark shale | 182 | little gas not enough to test |
| 5 | coarse sand | 187 | |
| 7 | fine sand | 194 | |
| 5 | coarse sand | 199 | |
| 6 | fine sand | 204 | |
| 6 | oil sand | 210 | |
| 3 | light shale | 213 | |
| 6 | dark shale | 219 | |
| 5 | black slate | 224 | |
| 6 | light shale | 230 | |
| 9 | dark shale muddy | 239 | |
| 3 | coal | 242 | |
| 1 | shale sandy | 243 | dark |
| 6 | sand | 249 | |