

CONFIDENTIAL

GEOLOGICAL DEPARTMENT
SOUTHWESTERN GAS COMPANY

INDEPENDENCE, KANSAS

Company Universal Oil and Gas Co.

S. T. R. 35-12-23
County Johnson
State Kansas
Lease and Bangelmeir #8
Well No.

Contractor Bellman

Drilling Commenced

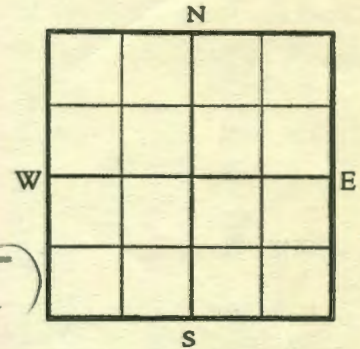
Drilling Completed Oct. 20, 1917

Initial Production 450 B.

Initial Rock Pressure

Location 750' S. and 50' W. of NE corner.

Casing 6 1/2" 240'



Driller's Record of Formations

| | |
|--------------|-----|
| surface | 18 |
| lime | 25 |
| shale | 32 |
| lime | 60 |
| shale | 65 |
| lime | 126 |
| red rock | 137 |
| shale sandy | 240 |
| shale red | 270 |
| lime | 345 |
| gas | 348 |
| shale | 400 |
| lime | 408 |
| shale black | 420 |
| shale white | 450 |
| sand and gas | 490 |
| shale | 540 |