



Company JAMES R. KOOKEN

Address PENNSBORO, W. VA.

Farm ELDON E. HESS

Tract _____ Acres 125 Lease No. _____

Well (Farm) No. 10 Serial No. C

Elevation (Spirit Level) 899.4

Quadrangle WEST UNION

County TYLER District CENTERVILLE

Engineer B. F. RINEHART

Engineer's Registration No. 648

File No. _____ Drawing No. 703-CT

Date Sept. 3, 1948 Scale 1 in. = 500 ft.

STATE OF WEST VIRGINIA
 DEPARTMENT OF MINES
 OIL AND GAS DIVISION
 CHARLESTON

WELL LOCATION MAP
 FILE NO. JYL-514-A

+ 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.



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STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

WELL RECORD

Permit No. 514 A

Oil or Gas Well Gas
(KIND)

Company W. J. Droppelman & J. Graham
James M. Henderson
Address Allegheny West Union, W. Va
Farm Eldon E. Hess Acres 12.5
Location (waters) Big Run
Well No. 10 Elev. 899.4
District Centerville County Tyler
The surface of tract is owned in fee by Eldon E. Hess
Address Mole Hill, W. Va
Mineral rights are owned by Eldon E. Hess
Address Mole Hill, W. Va

Drilling commenced _____
Drilling completed Feb 6, 1921
Date Shot _____ From _____ To _____
With _____
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
Fresh water _____ feet _____ feet
Salt water _____ feet _____ feet

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|---------------------------|
| Size | | | |
| 16 | | | Kind of Packer _____ |
| 13 | | | <u>Anchor</u> |
| 10 | <u>580</u> | <u>None</u> | Size of <u>3" x 6 5/8</u> |
| 8 1/4 | <u>992</u> | <u>992</u> | |
| 6 1/2 | | | Depth set <u>1784</u> |
| 5 3/16 | | | |
| 3 | | | Perf. top _____ |
| 2 | <u>1784</u> | <u>1784</u> | Perf. bottom _____ |
| Liners Used | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 660 FEET INCHES
to 661 FEET _____ INCHES FEET INCHES
_____ FEET INCHES FEET INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------------------|-------|--------------|-------------|-------------|-------------------|-------------|---------|
| <u>Heavy up sand</u> | | | <u>525</u> | <u>580</u> | | | |
| <u>Big coal</u> | | | <u>660</u> | <u>661</u> | | | |
| <u>Little punkard sand</u> | | | <u>905</u> | <u>858</u> | | | |
| <u>Big punkard sand</u> | | | <u>996</u> | <u>1051</u> | | | |
| <u>1st salt sand</u> | | | <u>1209</u> | <u>1285</u> | | | |
| <u>2nd salt sand</u> | | | <u>1317</u> | <u>1400</u> | | | |
| <u>3rd salt sand</u> | | | <u>1490</u> | <u>1543</u> | | | |
| <u>Little lime</u> | | | <u>1707</u> | <u>1732</u> | | | |
| <u>Peniel Cave</u> | | | <u>1732</u> | <u>1737</u> | | | |
| <u>Big lime</u> | | | <u>1737</u> | <u>1802</u> | | | |
| <u>Big Injain</u> | | | <u>1802</u> | <u>1816</u> | | | |



