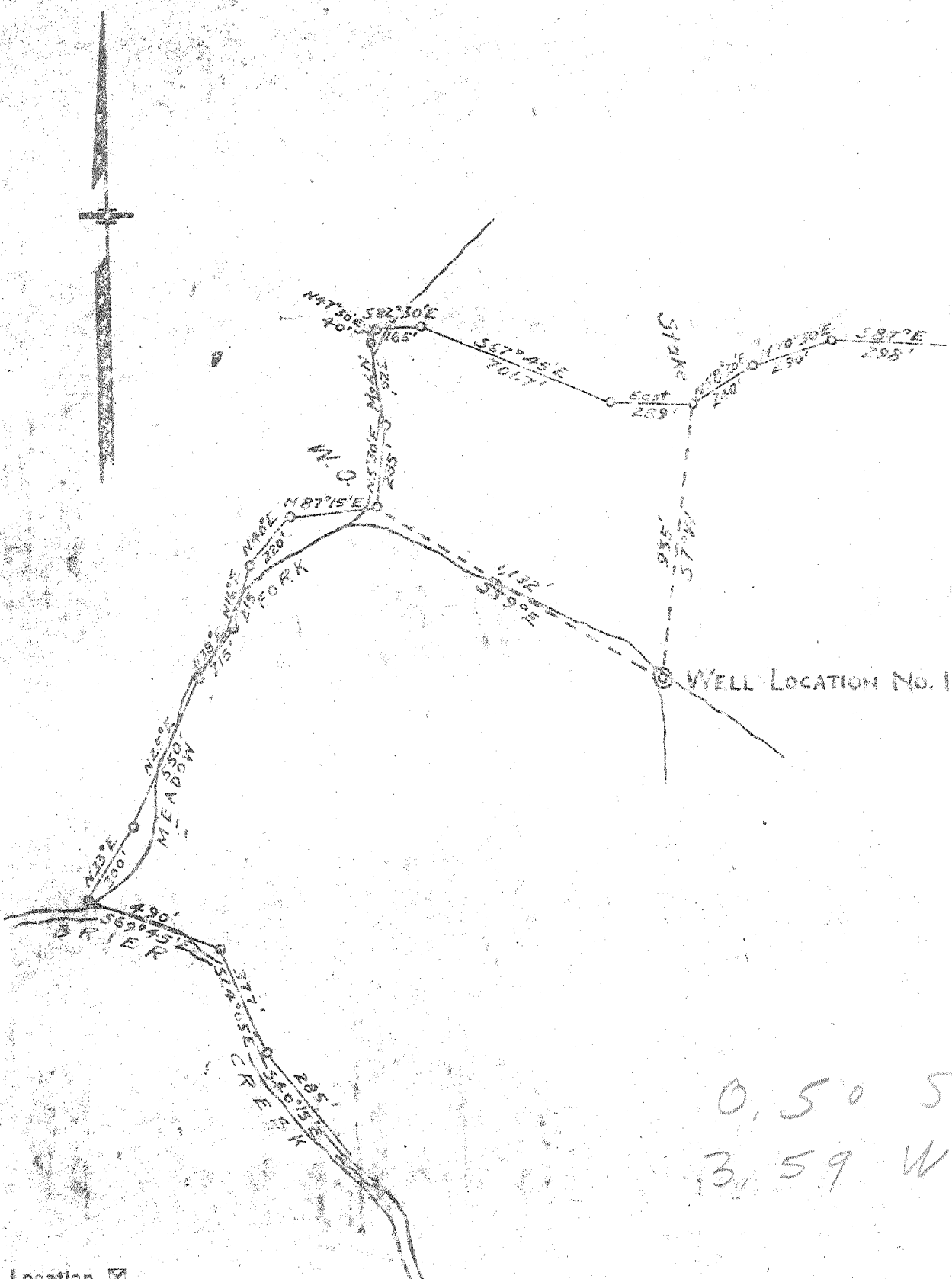


P

Latitude 38° 15'

No. 1

Longitude 81° 40'



0, 50 S.  
3, 59 W

3 NW (K-5)

New Location   
 Drill Deeper   
 Abandonment

Company COURTLAND GAS COMPANY  
 Address HAMLIN, W. VA.  
 Farm LEE GRIFFITH  
 Tract \_\_\_\_\_ Acres 410.2 Lease No. \_\_\_\_\_  
 Well (Farm) No. 1 Serial No. \_\_\_\_\_  
 Elevation (Spirit Level) 770  
 Quadrangle PEYTONA - NW  
 County KANAWHA District WASHINGTON  
 Engineer G. M. Chamber  
 Engineer's Registration No. 771  
 File No. WVG-21 Drawing No. \_\_\_\_\_  
 Date 9-18-52 Scale 1"=500'

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

WELL LOCATION MAP  
 FILE NO. KAN-1600

+ 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 lines of original tracing.

Deep Well

182

|      |             |
|------|-------------|
| LL   | 1280 - 1326 |
| P.C  | 26 - 34     |
| B.L. | 1334 - 1498 |
| inj  | 1498 - 1555 |

$$\begin{array}{r}
 1498 \\
 - 1334 \\
 \hline
 164
 \end{array}$$

$$\begin{array}{r}
 1498 \\
 - 770 \\
 \hline
 728
 \end{array}$$



STATE OF WEST VIRGINIA  
DEPARTMENT OF MINES  
OIL AND GAS DIVISION

*Reyton*

WELL RECORD

Permit No. KAN-1600

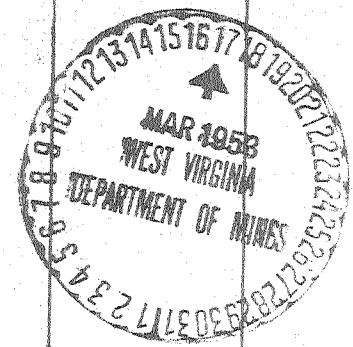
*Shaw*  
Gas  
Oil or Gas Well (KIND)

Company Courtney Gas Co.  
Address Hamlin, W.Va.  
Farm Lee Griffith Acres 410.2  
Location (waters) Brier Creek  
Well No. 1 Elev. 770'  
District Washington County Kanawha  
The surface of tract is owned in fee by Lee Griffith  
Aleot Address W.Va.  
Mineral rights are owned by Courtney  
Leland Coston, Address Charleston, W.Va.  
Drilling commenced Sept. 16, 1952  
Drilling completed Feb. 20, 1953  
Date Shot 1-20-53 From 4455' To 1977'  
With 19900 Lb. Detonite  
Open Flow 17/10ths Water in 1 Inch  
/10ths Merc. in 1 Inch  
Volume 50 M. Cu. Ft.  
Rock Pressure 250 lbs. 48 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 |
| 12                |                  |              |                |
| 10                |                  | 21'          | Size of        |
| 8 3/4             |                  | 280' - 4'    |                |
| 6 3/4             |                  | 1,349'       | Depth set      |
| 5 3/16            |                  |              |                |
| 3                 |                  |              | Perf. top      |
| 2                 |                  |              | Perf. bottom   |
| Liners Used       |                  |              | Perf. top      |
|                   |                  |              | Perf. bottom   |

| CASING CEMENTED  | SIZE | No. Ft.                 | Date   |
|--|------|-------------------------|--------|
| COAL WAS ENCOUNTERED AT <u>58'</u> FEET <u>                </u> INCHES |      |                         |        |
| <u>114</u>   | FEET | <u>                </u> | INCHES |
| <u>                </u>  | FEET | <u>                </u> | INCHES |
| <u>                </u>  | FEET | <u>                </u> | INCHES |

| Formation         | Color | Hard or Soft | Top    | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|-------------------|-------|--------------|--------|--------|-------------------|-------------|---------|
| Sand & Gravel     |       |              | 00     | 24     |                   |             |         |
| Sand              |       |              | 24     | 58     |                   |             |         |
| Coal              |       |              | 58     | 60     |                   |             |         |
| Slate & Shells    |       |              | 60 1/2 | 114    |                   |             |         |
| Coal              |       |              | 114    | 117    |                   |             |         |
| Slate             |       |              | 117    | 155    |                   |             |         |
| Sand              |       |              | 155    | 230    |                   |             |         |
| Slate             |       |              | 230    | 330    |                   |             |         |
| Sand              |       |              | 330    | 415    |                   |             |         |
| Slate & Shells    |       |              | 415    | 464    |                   |             |         |
| Blue Sand, Hard   |       |              | 464    | 570    |                   |             |         |
| Salt Sand         |       |              | 570    | 764    |                   |             |         |
| Slate             |       |              | 764    | 766    |                   |             |         |
| Sand              |       |              | 766    | 953    |                   |             |         |
| Shells            |       |              | 953    | 1006   |                   |             |         |
| Sand              |       |              | 1006   | 1202   |                   |             |         |
| Slate & Shells    |       |              | 1202   | 1222   |                   |             |         |
| Red Rock          |       |              | 1222   | 1226   |                   |             |         |
| Slate & Shells    |       |              | 1226   | 1245   |                   |             |         |
| Maxon Sand        |       |              | 1245   | 1280   |                   |             |         |
| Little Lime       |       |              | 1280   | 1326   |                   |             |         |
| Pencil Cave       |       |              | 1326   | 1334   |                   |             |         |
| Big Lime          |       |              | 1334   | 1498   |                   |             |         |
| Injun Sand        |       |              | 1498   | 1555   |                   |             |         |
| Slate & Shells    |       |              | 1555   | 1675   |                   |             |         |
| Slate             |       |              | 1675   | 1750   |                   |             |         |
| Slate & Shells    |       |              | 1750   | 1964   |                   |             |         |
| Brown Shale       |       |              | 1964   | 1977   |                   |             |         |
| Serea Sand        |       |              | 1977   | 1989   |                   |             |         |
| Shells            |       |              | 1989   | 2028   |                   |             |         |
| Slate & Shells    |       |              | 2028   | 2545   |                   |             |         |
| Slate             |       |              | 2545   | 3180   |                   |             |         |
| Light Brown Shale |       |              | 3180   | 3210   |                   |             |         |
| Slate & Shells    |       |              | 3210   | 3450   |                   |             |         |
| Brown Shale       |       |              | 3450   | 3712   |                   |             |         |
| Big White         |       |              | 3712   | 4135   |                   |             |         |
| Light Brown Shale |       |              | 4135   | 4195   |                   |             |         |
| Dark Brown Shale  |       |              | 4195   | 4454   |                   |             |         |
| Conniferous Lime  |       |              | 4454   | 4603   |                   |             |         |



4454  
770  
3684