

1.17 W
O. B. A.

Surface & Coal owned by Union Carbide Chemicals Co.
Address: 437, MacCorkle Ave. S.W. South Charleston, W. Va.

New Location
Drill Deeper
Abandonment

APR 4 1960

On 800' Map No. 101, Sqs. S71 W 43.

| | |
|-----------------------------|-------------------------------------|
| Company | Pack & Jackson |
| Address | Hamlin, W. Va. |
| Farm | Blue Creek Tract |
| Tract | Acres _____ Lease No. _____ |
| Well (Farm) No. | 47 Serial No. _____ |
| Elevation (Spirit Level) | 1067.3 |
| Quadrangle | Clendenin |
| County | Kanawha District <u>EK</u> |
| Engineer | Elsworth Haines |
| Engineer's Registration No. | 2221 |
| File No. | _____ Drawing No. _____ |
| Date | Nov. 6th, 1959. Scale 1" = 800 Feet |

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

WELL LOCATION MAP
FILE NO. KAN-1302-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.

6-0-218



2059

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

Quadrangle Clendenin

Permit No. 1302-A

WELL RECORD

Oil or Gas Well Gas
(KIND)

Company South Penn Natural Gas Co.
Address Union Trust Bldg., Parkersburg, W. Va.
Farm Blue Creek Tract Acres _____
Location (waters) _____
Well No. 47 Elev. 1067.3
District Elk County Kanawha
The surface of tract is owned in fee by Union Carbide Chem. Co., 437 MacCorkle Ave., S.W., South Charleston, W. Va.
Mineral rights are owned by Same Address _____
Drilling commenced 4/2/14
Drilling completed 5/14/14
Date Shot 8/23/26 From 2203 To 2213
With 60 qts.
Open Flow _____ /10ths Water in _____ Inch
_____ /10ths Merc. in _____ Inch
Volume _____ Cu. Ft.
Rock Pressure _____ lbs. _____ hrs.
Oil _____ bbls., 1st 24 hrs.
WELL ACIDIZED _____
WELL FRACTURED _____

| Casing and Tubing | Used in Drilling | Left in Well | Packers |
|-------------------|------------------|--------------|----------------|
| Size | | | Kind of Packer |
| 16 | | | |
| 13 | | | |
| 10 | | | Size of |
| 8 1/4 | 1666' | 1666' | Depth set |
| 6 5/8 | 1863' | 1863' | |
| 5 3/16 | | | |
| 3 | | | Perf. top |
| 2 | 2215' | 2215' | Perf. bottom |
| Liners Used | | | Perf. top |
| | | | Perf. bottom |

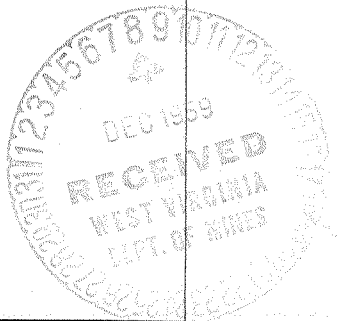
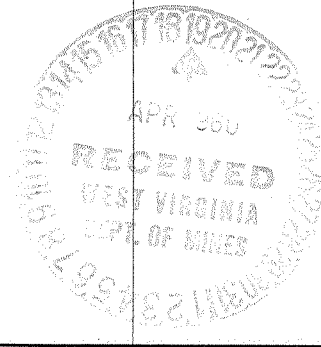
CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
COAL WAS ENCOUNTERED AT 375 FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES
_____ FEET _____ INCHES FEET _____ INCHES

RESULT AFTER TREATMENT _____

ROCK PRESSURE AFTER TREATMENT _____

Fresh Water _____ Feet Salt Water _____ Feet

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth | Remarks |
|--------------|-------|--------------|------|--------|-------------------|-----------|---------|
| Conductor | | | | 8 | | | |
| Sand & Slate | | | 8 | 375 | | | |
| Coal | | | 375 | 380 | | | |
| Salt Sand | | | 550 | 560 | Water | 1280-1308 | |
| Maxon Sand | | | 1740 | 1766 | | | |
| Little Lime | | | 1783 | 1817 | | | |
| Pencil Cave | | | 1817 | 1833 | | | |
| Big Lime | | | 1833 | 1990 | Gas | 1935 | |
| Big Injun | | | 1990 | 2040 | | | |
| Lime | | | 2040 | 2080 | | | |
| Sand | | | 2080 | 2140 | | | |
| Slate | | | 2140 | 2177 | | | |
| Weir Sand | | | 2177 | 2220 | Oil & gas | 2203-2212 | |
| Total depth | | | | 2220 | | | |



(over)

JUN 29 1960