



Company PITTSBURGH & W.VA. GAS CO.

Address CLARKSBURG, W.VA.

Farm W. BRENT MAXWELL

Tract _____ Acres 225 Lease No. 7429

Well (Farm) No. ONE Serial No. 4572

Elevation (Spirit Level) 1084' K.A.

Quadrangle HOLBROOK N.E. 4th E.

County DODDRIDGE District SOUTHWEST

Engineer Paul W. Cunningham

Engineer's Registration No. _____

File No. 79/143 Drawing No. _____

Date SEPT. 17, 1940 scale 1" = 500'

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

WELL LOCATION MAP
FILE NO. DOD-337A

+ 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.

9/12

STATE OF WEST VIRGINIA
DEPARTMENT OF MINES
OIL AND GAS DIVISION

279

WELL RECORD

Permit No. 377-A

Oil or Gas Well Gas
(Kind)

Company Pittsburgh & West Va Gas Company.
 Address Clarksburg, W.Va.
 Farm W. Brent Maxwell Acres 225
 Location (waters) Hol. N/E. 4-1
 Well No. 4572 Elev. 1084' VA
 District Southwest County Doddridge
 The surface of tract is owned in fee by Henry Greathouse
 R.F.D.#1. Address Oxford, W.Va.
 Mineral rights are owned by Wm. B. Maxwell Jr. et al.
 Address Clarksburg, W.Va.
 Drilling commenced May 24th, 1917.
 Drilling completed June 24th, 1917.
 Date shot Not shot. Depth of shot _____
 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>227'</u> | <u>227'</u> | Size of <u>8-1/4 x</u> |
| 8 1/4. | <u>1260'</u> | <u>1260'</u> | <u>6-5/8"</u> |
| 6 3/8. | <u>1796'</u> | <u>1796'</u> | Depth set <u>1475'</u> |
| 5 3/16. | | | <u>6-5/8" X 2"</u> |
| 3. | | | <u>Anchor Packer</u> |
| 2. | <u>1958'</u> | <u>1958'</u> | Perf. top <u>Set at 1576'</u> |
| Liners Used | | | Perf. bottom _____ |
| | | | Perf. top _____ |
| | | | Perf. bottom _____ |

CASING CEMENTED _____ SIZE _____ No. Ft. _____ Date _____
 COAL WAS ENCOUNTERED AT 810 FEET 48 INCHES
730 FEET 24 INCHES FEET _____ INCHES
 FEET _____ INCHES FEET _____ INCHES

| Formation | Color | Hard or Soft | Top | Bottom | Oil, Gas or Water | Depth Found | Remarks |
|----------------|--------|--------------|------|--------|-------------------|-------------|---------|
| Clay | Yellow | Open | 0 | 10 | | | |
| Slate-Lime | Dark | Soft-Hard | 10 | 55 | | | |
| Red Rock | Red | Soft | 55 | 95 | | | |
| Slate | Dark | " | 95 | 595 | | | |
| Sand-Lime | White | Hard | 595 | 700 | | | |
| Slate | Light | Soft | 700 | 730 | | | |
| Coal | Black | " | 730 | 732 | | | |
| Slate-Lime | White | Soft-Hard | 732 | 810 | | | |
| Coal | Black | Soft | 810 | 814 | | | |
| Slate | Light | Hard&Soft | 814 | 920 | | | |
| Sand | White | Hard | 920 | 965 | | | |
| Slate-Lime | " | Hard&Soft | 965 | 1180 | | | |
| Sand | " | Hard | 1180 | 1202 | | | |
| Slate | Dark | Soft | 1202 | 1255 | | | |
| Big Dunkard | White | Hard | 1255 | 1300 | | | |
| Slate | Dark | Soft | 1300 | 1421 | | | |
| Gas Sand | White | Hard | 1421 | 1502 | Sh. Gas | 1492' | |
| Slate | Dark | Soft | 1502 | 1570 | | | |
| 1st. Salt Sand | White | Hard | 1570 | 1643 | Sh. Gas | 1573-1599' | |
| Slate | Dark | Soft | 1643 | 1745 | Gas | 1603-1614' | |
| Little Lime | White | Hard | 1745 | 1765 | | | |
| Slate | Dark | Soft | 1765 | 1767 | | | |
| Lime Big | White | Hard | 1767 | 1837 | | | |
| Big Injun | " | " | 1837 | 1900 | | | |
| Slate | Dark | Soft | 1900 | 1958 | Gas | 1862-65' | |
| Total Depth | | | | 1958' | | | |



FORM 625-1923

COMPANY

Record of Well No. 4572 Located on W. Brent Maxwell Farm April 10 1917
Southwest District Doddridge County West Va State
 Division A District No. 14 Drilled under well Order 890
 Rig built by John Craig Began May 4 1917 Completed May 12 1917
 Well drilled by W. M. Bernhart Began May 24 1917 Completed June 24 1917
 Depth of Well 1958 feet Size of Hole 6 5/8 Producing Gas
 Elev: 1084

| CASED WITH | | | | REMARKS |
|------------|--------|---------|-----------|--|
| AMOUNT | SIZE | KIND | QUANT. AT | |
| 227' | 10" | Cast at | 12 | Lease expires Jan 12-1920 |
| 1270' | 8 1/4" | 1260 | 63 | |
| 1811 | 6 5/8" | 1796 | 87 | |
| | | | | 8 1/4 x 6 5/8 A. Coker 16 ft. 324 ft. of Coker 1-6 5/8 inch Coker set at 1475 ft. |

COAL VEINS Ypl. Coal 513
514

| FORMATIONS | | | | | |
|-----------------------------|-------|-------------------------------|------|--------|--|
| FORMATION | COLOR | OPEN OR CLOSE HARD OR SOFT | TOP | BOTTOM | REMARKS GAS-OIL-WATER (thickness of pay) |
| <u>Little Bunderd</u> | | | 1180 | 1202 | |
| <u>Big Bunderd</u> | | | 1255 | 1330 | |
| <u>Gas sand</u> | | | 1421 | 1504 | Gas show 1493 |
| <u>W. Salt sand</u> | | | 1578 | 1643 | " 1578-1579 |
| <u>Little Lanes</u> | | | 1745 | 1765 | " 1603-1614- 2 1/2 to 2" |
| <u>Big Lanes</u> | | | 1767 | 1837 | |
| <u>Big Lanes</u> | | | 1837 | 1900 | " 1862-65 - 1 1/2 to 2" |
| | | | | | 1 1/2 to 2" |
| <u>abandoned</u> | | | | | |
| <u>Completed 10-11-1940</u> | | | | | |

FORMATIONS
FORM: 032-5170

Well # 4572 W. Brent Maxwell

| NAME | TOP | BOTTOM | OIL | GAS | WATER | REMARKS |
|----------------|------|--------|-----|-----------|-------|---------|
| Clay & Rock | | 595 | | | | |
| Sand | 595 | 700 | | | | |
| Shale | 700 | 730 | | | | |
| Coal | 730 | 738 | | | | |
| Shale | 738 | 810 | | | | |
| Coal | 810 | 814 | | | | |
| Shale | 814 | 920 | | | | |
| Sand | 920 | 965 | | | | |
| Little Denhard | 965 | 1180 | | | | |
| Sand | 1180 | 1202 | | | | |
| Shale | 1202 | 1255 | | | | |
| Big Denhard | 1255 | 1300 | | | | |
| Shale | 1300 | 1421 | | | | |
| Gas Sand | 1421 | 1504 | | 1492 | | |
| Shale | 1504 | 1570 | | | | |
| wt. Salt Sand | 1570 | 1643 | | 1571 | | |
| Shale | 1643 | 1745 | | | | |
| Sand | 1745 | 1765 | | 1623-1616 | | |
| Shale & Lime | 1765 | 1837 | | | | |
| Big Denhard | 1837 | 1900 | | 1862-65 | | |
| Shale | 1900 | 1958 | | | | |
| Total Depth | 1958 | | | | | |