

COAL OWNED BY _____

NEW LOCATION

DRILL DEEPER

ABANDONMENT

COMPANY Cumberland & Allegheny Gas Co.

ADDRESS 800 Union Trust Bldg. Pgh. Pa.

FARM John T. Calhoun

TRACT _____ ACRES 116 1/4 LEASE NO. 7725

WELL (FARM) No. 1 SERIAL NO. A-513

ELEVATION (SPIRIT LEVEL) 2189'

QUADRANGLE Kingwood

COUNTY Preston DISTRICT Portland

ENGINEER Thomas E. Virgin - J.M.

ENGINEER'S REGISTRATION NO. 1503

FILE NO. _____ DRAWING NO. Y-13-976

DATE Apr. 12, 1954 SCALE 1" = 400'

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

WELL LOCATION MAP

FILE NO. PRES-64

+ 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.

Deep Well

Underland & Allegheny Gas Company
Company 12

KINGWOOD QUADRANGLE

Division 4

PERMIT: PRES-64

Record of well No. 1- 513

on John T. Calhoun

Farm

110-1/4

Acres

Terra Alta

Field

Portland

Township District

Preston

County

W. Va.

State

Rig Commenced May 24

1954

Completed May 31

1954

Drilling Commenced June 9

1954

Completed November 15

1954

Contractor Union Drilling Company

Address Washington, Pa.

Driller's Name Clyde Williams and S.B. Seese

CASING AND TUBING RECORD

| | Conductor | 13" | 10" | 8 1/4" | 7" | 6 5/8" | 5 3/16" | 4" | 3" | | |
|---------------|-----------|-----|--------|---------|----------|--------|---------|----|----|--|--|
| Used in Drlg. | - | - | 475'6" | 1903'7" | 6279'11" | - | - | - | - | | |
| Left in well | | | | | | | | | | | |

PACKER RECORD

SHOOTING RECORD

| Size | Depth Set | Type Packer | Date | Type Explosive | Amount | DEPTH | | Volume Before Cu. Ft. | Volume After Cu. Ft. |
|------|-----------|-------------|------|----------------|--------|-------|--------|-----------------------|----------------------|
| | | | | | | Top | Bottom | | |
| | | | | | | | | | |

VOLUME AND PRESSURE

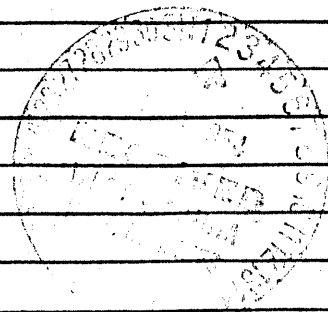
| Date | Reading in Inches | Liquid | Size Orifice | Volume | Sand | PRESSURE IN MIN. | | | | | 24 Hour R. P. | Max. R. P. | Hours | |
|------|-------------------|--------|--------------|--------|------|------------------|---|----|----|----|---------------|------------|-------|--|
| | | | | | | 1 | 5 | 10 | 30 | 60 | | | | |
| | | | | | | | | | | | | | | |

TOTAL INITIAL OPEN FLOW

DRY HOLE, No gas

CUBIC FEET PER 24 HOURS

| FORMATION | TOP | BOTTOM | THICKNESS | REMARKS |
|-------------------|------|--------|-----------|---------|
| Space to Cement | 0 | 6 | 6 | |
| Yellow Stone | 6 | 36 | 30 | |
| Lime | 36 | 180 | 144 | |
| Lime | 180 | 429 | 249 | |
| Lime, Grey | 429 | 460 | 31 | |
| Slate | 460 | 515 | 55 | |
| Lime | 515 | 883 | 367 | |
| Slate | 883 | 897 | 14 | |
| Lime | 897 | 1176 | 279 | |
| Slate | 1176 | 1228 | 52 | |
| Lime | 1228 | 1755 | 527 | |
| Brown Shale | 1755 | 1763 | 8 | |
| Benson Sand ✓ | 1763 | 1812 | 49 | |
| Lime | 1812 | 1925 | 113 | |
| Slate | 1925 | 1966 | 41 | |
| Lime | 1966 | 2139 | 173 | |
| Slate | 2139 | 2200 | 61 | |
| Lime | 2200 | 2231 | 31 | |
| Slate | 2231 | 2403 | 172 | |
| Slate & Shells | 2403 | 2767 | 364 | |
| Lime, Black(Hard) | 2767 | 2805 | 38 | |
| Slate & Shells | 2805 | 3900 | 1095 | |
| Lime, Grey(Hard) | 3900 | 3918 | 18 | |
| Slate & Shells | 3918 | 3965 | 47 | |
| Lime | 3965 | 3976 | 11 | |
| Slate & Shells | 3976 | 4650 | 674 | |
| Brown Shale | 4650 | 4770 | 120 | |
| Tully Lime ✓ | 4770 | 4780 | 10 | |



Cumberland & Allegheny Gas Company
Company 12

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Division 4

PERMIT: PRMS-64

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Acres

Terra Alta

Field

Portland

Township District

Preston

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W. Va.

State

Rig Commenced **May 24** 19 **54**

Completed **May 31** 19 **54**

Drilling Commenced **June 9** 19 **54**

Completed **November 15** 19 **54**

Contractor **Union Drilling Company**

Address **Washington, Pa.**

Driller's Name **Clyde Williams and S.B. Seese**

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VOLUME AND PRESSURE

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TOTAL INITIAL OPEN FLOW

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CUBIC FEET PER 24 HOURS

| FORMATION | TOP | BOTTOM | THICKNESS | REMARKS |
|---------------------------|------|--------|-----------|--|
| Slate & Shells | 4790 | 4910 | 110 | |
| Lime | 4910 | 4930 | 80 | |
| Shale & Shells | 4930 | 5238 | 308 | |
| Brown Break ✓ | 5238 | 5240 | 2 | |
| Sandstone Lime ✓ | 5242 | 5260 | 18 | |
| Chert Sand ✓ | 5260 | 5400 | 140 | Water 5278-5280, Hole full <i>Chert</i> |
| Crackly Sand ✓ | 5400 | 5528 | 111 | |
| Total Depth | 5520 | | | Cemented 7" casing with 80 Bags cement at 5252' |
| | | | | 5242 |
| | | | | 5400 |
| | | | | 2189 |
| | | | | <u> </u> |
| | | | | - 3053 |
| | | | | - 3211 |

