

PERMIT ISSUED: 7-8-38

4 TO 5. 39° 05'
175 W

1.1 S
1.9 W

| | |
|-----------------|--------------------------|
| Company | Interstate Utilities Co. |
| Address | Pomeroy, Ohio |
| Farm | Ed and Lizzie Raybould |
| Acres | 59 |
| Well (Farm) No. | One |
| Quadrangle | Pomeroy S. E. |
| County | Mason |
| District | Waggoner |
| Engineer | Ellis W. Hysell |
| Eng. Reg. No. | 1595 for Ohio |
| Drawing No. | One |
| Date | July 7, 1938 |
| Scale | 1" = 400' |
| Elevation | - |

STATE OF WEST VIRGINIA
Department of Mines
OIL & GAS DIVISION
Charleston

WELL LOCATION MAP
File No. MAS-25

X Denotes location of well on U. S. Topographic Maps, scale 1 to 62,500, latitude and longitude lines being represented by border line as shown.

- Denotes one inch spaces on border line of original tracing.

66-256



THE DISTRICT OF COLUMBIA
 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 DISTRICT ENGINEER

PLANS FOR THE
 CONSTRUCTION OF
 THE

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 DISTRICT OF COLUMBIA
 DEPARTMENT OF PUBLIC WORKS
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 DEPARTMENT OF PUBLIC WORKS
 ENGINEERING DIVISION
 DISTRICT ENGINEER

RECORDED
 JUL 19 1938
 DISTRICT ENGINEER

WEST VIRGINIA DEPARTMENT OF MINES

OIL & GAS DIVISION

WELL RECORD

Permit No. Mas-25

Gas Well

Pomeroy S. E. Quad.

CASING & TUBING

| | | | | |
|--------------------|---------------------------------------|-------|--------|-------|
| Company | Interstate Utilities Co., | 10 | 41 | |
| Address | Box 14 ^{1/2} , Pomeroy, Ohio | 6-5/8 | 544-4 | 544-4 |
| Farm | Ed & Lizzie Raybould - Acres 20 | 2 | 684-7 | 684-7 |
| Well No. | One Elev. - | 3/4 | 683-10 | |
| District | Waggoner County Mason | | | |
| Surface | - | | | |
| Mineral | Lizzie & Ed Raybould | | | |
| Address | Mason City, W. Va. | | | |
| Drilling commenced | July 22, 1938 | | | |
| Drilling completed | July 31, 1938 | | | |
| Open Flow | 6/10ths Water in 2" | | | |
| Volume | 115,960 c. f. | | | |
| Rock Pressure | 200 lbs. 24 hrs. | | | |
| Shot | - | | | |
| Water | - | | | |

PACKER

Kind -
 Size 2"x6-5/8"
 Depth set - 664'
 Perf. top -
 Perf. bottom - 675'

COAL ENCOUNTERED

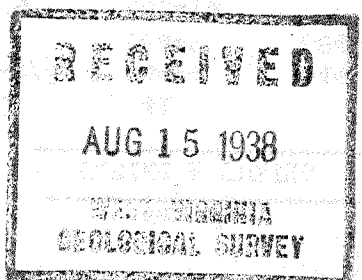
| Feet | Inches |
|------|--------|
| 359 | |
| 604 | 60 |
| 675 | 30 |

Formation Color ^{Mar}/₅ Top Base Result Formation Color ^{Mar}/₅ Top Base Result

| Formation | Color | ^{Mar} / ₅ Top | Base | Result | Formation | Color | ^{Mar} / ₅ Top | Base | Result |
|--------------------------|-------|-----------------------------------|---------|---------|-------------------------------|-------------|-----------------------------------|------|--------|
| Lean | brown | s | 0 | 10 | | | | | |
| Sand & Gravel | " | l | 10 | 32 | | | | | |
| Fine Clay | white | s | 32 | 42 | | | | | |
| Slate | blue | s | 42 | 75 | | | | | |
| Red Rock | red | s | 75 | 125 | | | | | |
| Slate | blue | h | 125 | 135 | | | | | |
| Slate | blue | s | 135 | 155 | | | | | |
| Red rock | red | s | 155 | 175 | | | | | |
| Slate | blue | s | 175 | 185 | | | | | |
| Sand | gray | h | 185 | 190 | | | | | |
| Slate | blue | s | 190 | 208 | | | | | |
| Slate | black | s | 208 | 240 | | | | | |
| Shale | gray | s | 240 | 252 | | | | | |
| Sand | gray | s | 252 | 254 | | | | | |
| Slate | dark | s | 254 | 270 | | | | | |
| Slate | blue | s | 270 | 325 | | | | | |
| Slate | black | s | 325 | 359 | | | | | |
| Coal | black | s | 359 | 360 | show of gas | | | | |
| Slate | blue | s | 360 | 365 | | | | | |
| Slate | white | s | 365 | 370 | | | | | |
| Sand | gray | s-h | 370 | 475 | | | | | |
| Slate | blue | s | 475 | 480 | | | | | |
| 1st Salt S. | gray | s | 480 | 495 | water | | | | |
| Sand | gray | s | 495 | 514 | water | | | | |
| Sandy Slate | blue | h | 514 | 554 | | | | | |
| Slate | blue | s | 554 | 576 | | | | | |
| Sandy slate | blue | s | 576 | 586 | water at 580' enough to drill | | | | |
| Slate | blue | h | 586 | 604 | | | | | |
| Coal | black | s | 604 | 609 | gas | 604-606 | | | |
| Slate | white | s | 609 | 610 | | | | | |
| Sand | gray | s | 610 | 619 | | | | | |
| Slate | white | s | 619 | 620 | | | | | |
| Broken Sand | gray | s | 620 | 659 | | | | | |
| Sand | white | h | 659 | 662 | | | | | |
| Slate | blue | s | 662 | 664 | | | | | |
| Broken sand | blue | s | 664 | 675 | | | | | |
| Coal | black | s | 675 | 677 1/2 | gas | 675-677 1/2 | | | |
| Sand | gray | h | 677 1/2 | 678 1/2 | gas | | | | |
| Total 3/4" tubing 683-10 | | | | | | | | | |
| 2-0 Screwage | | | | | | | | | |
| 681-10 | | | | | | | | | |
| Total 2" tubing 684-7 | | | | | | | | | |
| 4-7 Screwage | | | | | | | | | |
| 680-0 | | | | | | | | | |

| Station | Time | Temperature | Humidity | Wind | Direction | Remarks |
|---------|------|-------------|----------|------|-----------|---------|
| 1 | 0800 | 75 | 65 | 10 | SE | Clear |
| 2 | 0900 | 78 | 68 | 12 | SE | Clear |
| 3 | 1000 | 80 | 70 | 15 | SE | Clear |
| 4 | 1100 | 82 | 72 | 18 | SE | Clear |
| 5 | 1200 | 85 | 75 | 20 | SE | Clear |
| 6 | 1300 | 88 | 78 | 22 | SE | Clear |
| 7 | 1400 | 90 | 80 | 25 | SE | Clear |
| 8 | 1500 | 92 | 82 | 28 | SE | Clear |
| 9 | 1600 | 95 | 85 | 30 | SE | Clear |
| 10 | 1700 | 98 | 88 | 32 | SE | Clear |
| 11 | 1800 | 100 | 90 | 35 | SE | Clear |
| 12 | 1900 | 102 | 92 | 38 | SE | Clear |
| 13 | 2000 | 105 | 95 | 40 | SE | Clear |
| 14 | 2100 | 108 | 98 | 42 | SE | Clear |
| 15 | 2200 | 110 | 100 | 45 | SE | Clear |
| 16 | 2300 | 112 | 102 | 48 | SE | Clear |
| 17 | 0000 | 115 | 105 | 50 | SE | Clear |
| 18 | 0100 | 118 | 108 | 52 | SE | Clear |
| 19 | 0200 | 120 | 110 | 55 | SE | Clear |
| 20 | 0300 | 122 | 112 | 58 | SE | Clear |
| 21 | 0400 | 125 | 115 | 60 | SE | Clear |
| 22 | 0500 | 128 | 118 | 62 | SE | Clear |
| 23 | 0600 | 130 | 120 | 65 | SE | Clear |
| 24 | 0700 | 132 | 122 | 68 | SE | Clear |
| 25 | 0800 | 135 | 125 | 70 | SE | Clear |

RECEIVED
 AUG 15 1938
 WEST VIRGINIA
 GEOLOGICAL SURVEY



WEST VIRGINIA DEPARTMENT OF MINES
OIL & GAS DIVISION
W E L L R E C O R D

Permit No. Mas 25 D *Deepened*
 Pomeroy Quad. Gas Well CASING & TUBING
 Company Roy Proffitt et al
 Address Racine, Ohio 5 3/16 1610 1610
 Farm Edward Raybold Acres -- 2 2295 2295
 Location
 Well No 1 Elev. *606' (606)* 3 -Step Packer
 District ~~Wagner~~ Mason County Size 5 3/16 x 2"
 Surface Depth 1720'
 Mineral Edward Raybold, Mason City, W.Va.
 Commenced Jan 11, 1943
 Completed March 26, 1943
 Open Flow 2/10ths M in 1"
 Volume 62,200 C.F.
 Rock Pressure 680 lbs. 24 hrs.

Location 4.70 S. 39005'
1.75 W. 32000'
 DRILLED DEEPER

Commenced drilling well at 650' Hole filled with water

| | | | | | |
|---------------|----|---|------|------|----------|
| Sand | | S | 650 | 750 | |
| Slate | Bl | S | 750 | 800 | |
| Sand | | S | 800 | 900 | |
| Lime | | H | 900 | 950 | |
| Slate | Bk | S | 950 | 1000 | |
| Lime | | H | 1000 | 1038 | |
| Slate | | S | 1038 | 1200 | |
| Lime | | H | 1200 | 1225 | |
| Slate | Bk | S | 1225 | 1270 | |
| Sand & Lime | Br | S | 1270 | 1320 | |
| Slate | Bl | S | 1320 | 1350 | |
| Lime | Br | H | 1350 | 1390 | |
| Dark Shale | | S | 1390 | 1430 | |
| Slate | Bl | S | 1430 | 1450 | |
| Lime | Br | H | 1450 | 1490 | |
| Slate | Bl | S | 1490 | 1565 | |
| Coffee Shale | | S | 1565 | 1575 | |
| Berea Sand | | H | 1575 | 1605 | |
| Slate | Bl | S | 1605 | 1625 | |
| Lime & Shells | Gr | H | 1625 | 1740 | |
| Slate | Wh | S | 1740 | 1830 | |
| Lime | Br | H | 1830 | 1840 | |
| Slate | Bl | S | 1840 | 2070 | |
| Lime | Br | H | 2070 | 2075 | |
| Slate | Bl | S | 2075 | 2105 | Gas 2105 |
| Lime | | H | 2105 | 2110 | Gas 2110 |
| Slate | Bl | S | 2110 | 2250 | Gas 2250 |
| Lime | | H | 2250 | 2255 | |
| Slate | Bl | S | 2255 | 2320 | Oil 2320 |

Lead plug placed in hole at 2295 to shut off the oil below in order to save gas.

Bottom Of Hole 2295