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

WELL LOCATION MAP
FILE NO. MARS-168A

Company: Interstate Pipe & Supply Co.
Address: P.O. Box 611, Marietta, Ohio

Farm: J.B. E.M. Winters

Treat: Acres: 50, Lease No: Co-No: 119, Well: (Farm) No. 1, Serial No.

Elevation (Spirit Level): 1285.0 - 1288.5 - 1249.0

Quadangle: Littleton

County: Marshall, District: Liberty

Engineer: C.O. Kerling

Engineer's Registration No.: 811

File No.: Drawing No.: 995

Date: Jan. 1, 1941, Scale: 1" = 300'

New Location: V

Drill Deeper: V

Application: V

Oct 26, 1941

+ 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.

J.B. E.M. Winters No. 1 (119)

INTERSTATE PIPE & SUPPLY CO.

MARS-168A
### WELL RECORD

**Company:** The Interstate Pipe & Supply Company  
**Address:** Marietta, Ohio  
**Farm:** J. B. & S. M. Winters  
**Acres:** 50  
**Location (waters):**  
**Well No.:** 118  
**District:** Liberty  
**County:** Marshall  
**The surface of the tract is owned in fee by:** Pearl M. Kubie  
**Mineral rights are owned by:** Pearl M. Kubie  
**Drilling commenced:** September 5, 1918  
**Drilling completed:** October 10, 1918  
**Date shot:**  
**Open Flow:**  
**Volume:**  
**Rock Pressure:**  
**Oil:**  
**Fresh water:**  
**Salt water:**  

### Casing and Tubing

<table>
<thead>
<tr>
<th>Casing and Tubing</th>
<th>Used in Drilling</th>
<th>Left in Well</th>
<th>Packers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conductor</td>
<td>15</td>
<td>15</td>
<td>Kind of Packer</td>
</tr>
<tr>
<td>10</td>
<td>424</td>
<td>--</td>
<td>Size of</td>
</tr>
<tr>
<td>8 1/2</td>
<td>1607</td>
<td>1607</td>
<td>Depth set</td>
</tr>
<tr>
<td>6%</td>
<td>2311</td>
<td>2311</td>
<td></td>
</tr>
<tr>
<td>5 3/16</td>
<td>3</td>
<td>Perf. top</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>2</td>
<td>Perf. bottom</td>
<td></td>
</tr>
<tr>
<td>Liners Used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Casing Cemented:**  
**Size:**  
**No. Ft.:**  
**Date:**  

**Coal was encountered at:** 1024 feet 6 inches  
1180 feet 8 inches feet inches  

<table>
<thead>
<tr>
<th>Formation</th>
<th>Color</th>
<th>Hard or Soft</th>
<th>Top</th>
<th>Bottom</th>
<th>Oil, Gas or Water</th>
<th>Depth Found</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upperstown Coal</td>
<td></td>
<td></td>
<td>1024</td>
<td>1020</td>
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<tr>
<td>Pittsburgh Coal</td>
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<td>1120</td>
<td>1127</td>
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<tr>
<td>Murphy Sand</td>
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<td></td>
<td>1350</td>
<td>1355</td>
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<tr>
<td>Little Dunkard</td>
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<td>none</td>
<td>1610</td>
<td>1650</td>
<td></td>
<td></td>
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<tr>
<td>Ig Dunkard</td>
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<td></td>
<td>2005</td>
<td>2050</td>
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<tr>
<td>1st Salt Sand</td>
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<td></td>
<td>2070</td>
<td>2114</td>
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<tr>
<td>2nd Salt Sand</td>
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<td>2212</td>
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<tr>
<td>Alex Sand</td>
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<td>2285</td>
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<td>Ed Rock</td>
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<td>2290</td>
<td>2296</td>
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<tr>
<td>New Monday</td>
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<td>2296</td>
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<tr>
<td>Ig Linx</td>
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<td>2364</td>
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<tr>
<td>Ig Injun Sand</td>
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<tr>
<td>Total Depth</td>
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</tr>
</tbody>
</table>

**All 10" casing pulled**  
October 24, 1918, shot with 5 qt.  
- top of shell, 2373; bottom, 2373  
October 21, shot with 6 qt.  
- top of shell, 2373; bottom, 2373  
January 23, 1921, shot with 10 qt.  
- top of shell, 2373; bottom, 2380
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Date: October 9, 1941

APPROVED
The Interstate Pipe & Supply Co
Owner

By: [Signature] (Title)