LATITUDE 39° 52' 30"

7.5°
2.02S
1.35W

7'5 OGIS topo location

7.5' loc 263.5
15' loc 135W (calc.)

Company
Farm

Quad CAMERON 7/2
County MARSHALL
District CAMERON

WELL LOCATION MAP
File No. 051-573
**Casing and Tubing Record**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Casing</th>
<th>Tubing</th>
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</thead>
<tbody>
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<td>00.00</td>
<td>L20</td>
<td>L22</td>
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</table>

**Packer Record**

<table>
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<tr>
<th>Depth</th>
<th>Packer Type</th>
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**Shooting Record**

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<tr>
<th>Date</th>
<th>Type</th>
<th>Members</th>
<th>Amount</th>
<th>Depth</th>
<th>Volume</th>
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<tbody>
<tr>
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</table>

**Volume and Pressure**

<table>
<thead>
<tr>
<th>Date</th>
<th>Volume</th>
<th>Liquid</th>
<th>Gas</th>
<th>Volume</th>
<th>Sand</th>
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<tbody>
<tr>
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</table>

**Total Initial Open Flow**

<table>
<thead>
<tr>
<th>Formation</th>
<th>Top</th>
<th>Bottom</th>
<th>Thickness</th>
<th>Remarks</th>
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</thead>
<tbody>
<tr>
<td></td>
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**Cubic Feet per 24 Hours**

<table>
<thead>
<tr>
<th>Formations</th>
<th>Top</th>
<th>Bottom</th>
<th>Thickness</th>
<th>Remarks</th>
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<tbody>
<tr>
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*Note:* All data is based on measurements and recordings made by the driller and verifiers, and no representation is made that the information is correct. The driller and verifiers have signed this document to certify its accuracy and completeness.
<table>
<thead>
<tr>
<th>CONDUCTOR AND CASING USED IN DRILLING</th>
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<tbody>
<tr>
<td>ID</td>
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<tr>
<td>1/16</td>
</tr>
<tr>
<td>1/16</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>CONDUCTOR AND CASING LEFT IN WELL</th>
</tr>
</thead>
<tbody>
<tr>
<td>ID</td>
</tr>
<tr>
<td>1/16</td>
</tr>
<tr>
<td>1/16</td>
</tr>
</tbody>
</table>

**FORMATION**

- **Wayneville Coal**
  - 487
  - 492
  - 5
  - *Three barrels of water at 40 feet.*
- **Allenwood Coal**
  - 650
  - 685
  - 5
  - *Gas at 2715 feet.*
- **Dillenburg Coal**
  - 773
  - 778
  - 40
  - *Gas at 2886 feet.*
- **Wellsburg Sand**
  - 845
  - 883
  - 15
  - *Wells placed June 17, 1913.*
- **Big Quinlaid**
  - 1144
  - 1159
  - 45
  - with 4" tubing, backed in 1-1/2" x 4"
- **Ledge**
  - 1265
  - 1310
  - 60
  - at 2512 ft in 30" sand
- **Salt Sand**
  - 1370
  - 1450
  - 40
  - anchor: 36" x 14" x 14"
- **Ledge**
  - 1530
  - 1570
  - 131
  - anchor: 25" x 14" x 14"
- **Total**
  - 2714
  - 2750
  - 36

**Drilling Data**

- **Boiler**
  - 110 HP
  - No.
  - Name of Maker
- **Engine**
  - 110 HP
  - No.
  - Name of Maker

**Notes**

- *Detection of water and gas.*
- *Increased production from 15 to 100 HP.*

**Approval**

- MSH-573