**WELL RECORD**

Company: Cities Service Oil Company  
Well No: 6W  
Location: 1220' North and 50' W of SE Corner  
Sec: 33  
T: 8S  
R: 6W  
Elevation: 1953' KB, 1948' Gr  
County: Bockes  
State: Kansas  
Initial Prod: LKC Water Injection Well  
Contractor: Murfin Drilling Company  
Acid: 9800 Gal.  
Drilling Comm: 6-12-68  
T.D: 3360'  
Drilling Comp: 6-17-68

**Casing Record:**

8 5/8" @ 246' W/200 Sacks Cement  
5 1/2" @ 3359' W/150 Sacks  
DV @ 1295' With 350 Sacks Howco Light Cement  
Cement Circulated

**Formation Record:**

<table>
<thead>
<tr>
<th>Formation</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shale</td>
<td>256-335</td>
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<tr>
<td>Shale</td>
<td>860</td>
</tr>
<tr>
<td>Sand</td>
<td>960</td>
</tr>
<tr>
<td>Shale &amp; Red Bed</td>
<td>1262</td>
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<tr>
<td>Anhydrite</td>
<td>1298</td>
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<tr>
<td>Shale</td>
<td>1710</td>
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<td>Lime &amp; Shale</td>
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<tr>
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<td>2490</td>
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<td>2930</td>
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<tr>
<td>Lime</td>
<td>3360</td>
</tr>
</tbody>
</table>

**Slope Tests (Sperry Sun):**

- 1320' = 1 1/4°  
- 1740' = 3/4°  
- 2109' = 3/4°  
- 2606' = 1 1/2°  
- 3042' = 3/4°

**Formation Tops:**

- Heebner 3020'  
- Dodge 3040'  
- LKC 3063'

**Received:**

7-30-1968