**ARCO Oil and Gas Company**

**Daily Well History – Final Report**

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**Accounting cost center code**

**Western**

**State** Oregon

<table>
<thead>
<tr>
<th>Well no.</th>
<th>11-34-65</th>
</tr>
</thead>
</table>

**Owner**

ARCO Oil and Gas Company

**Col.**

Columbia County

**API**

Drill 111

**ShL:** 807'E and 1051'E of the NE Corner, S34/T6N/R5W; MDB&M

**Owner or W.O. No.**

ARCO Oil and Gas Company

**Boro.**

100

**Total depth**

1950'

**Below:**

1859'

**Junk:** None

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**Casing**

<table>
<thead>
<tr>
<th>Size</th>
<th>Top of Shoe</th>
<th>Weight</th>
<th>Grade</th>
<th>Casing Depth</th>
<th>Casing grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>13 3/8”</td>
<td>10’</td>
<td>40’</td>
<td>66#</td>
<td>K-55, BTC Conductor</td>
<td></td>
</tr>
<tr>
<td>9 5/8”</td>
<td>10’</td>
<td>482’</td>
<td>36-47#</td>
<td>K-55, L-80 12%</td>
<td>235sx</td>
</tr>
<tr>
<td>5 1/2”</td>
<td>10’</td>
<td>1949’</td>
<td>17#</td>
<td>J-55, K-55 8%</td>
<td>600sx</td>
</tr>
</tbody>
</table>

**Perforations:** 1800 - 1802' & SPF

**E-Logs:**

DIL/Sonic/CAL: 1944’ - 482’

Neutron/CCL: 1855’ - Surface

**Formation:**

Clark & Wilson 1802’

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**Date:** 8/07/87

**Time:** 1700 Hrs

**Final report for each day reserved**

**All measurement KB = 10’ Above GL.**

**Ground Elevation = 1020’**

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**Old TD**

N/A

**New TD**

1950’

**DP Depth**

1859’

**Kind of rig**

Rotary (Taylor #4)

**Date**

8/14/88

**District Drilling Superintendent**

**Gas:**

**Producing method:**

**Flowing:**

**Completion date:**

11-34-65

**Date:** 8/14/87

**Reservoir:**

**Producing interval:**

Mist 1800-1802’

**Gas:**

**Type completion (single, dual, etc.):**

**Official referral number:**

Clark & Wilson

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**Pumping:**

**Length:**

**Choose size:**

**TP:**

**C.F.:**

**Water %:**

**GOR:**

**Gravity corrected:**

**Allowable:**

**Effective date:**

11/54 560 603

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**Signature:**

**Title:**

District Drilling Engineer

Kwang U Park

District Drilling Superintendent

ARCO Oil and Gas Co.

4550 California Ave.

Bakersfield, CA 93304