

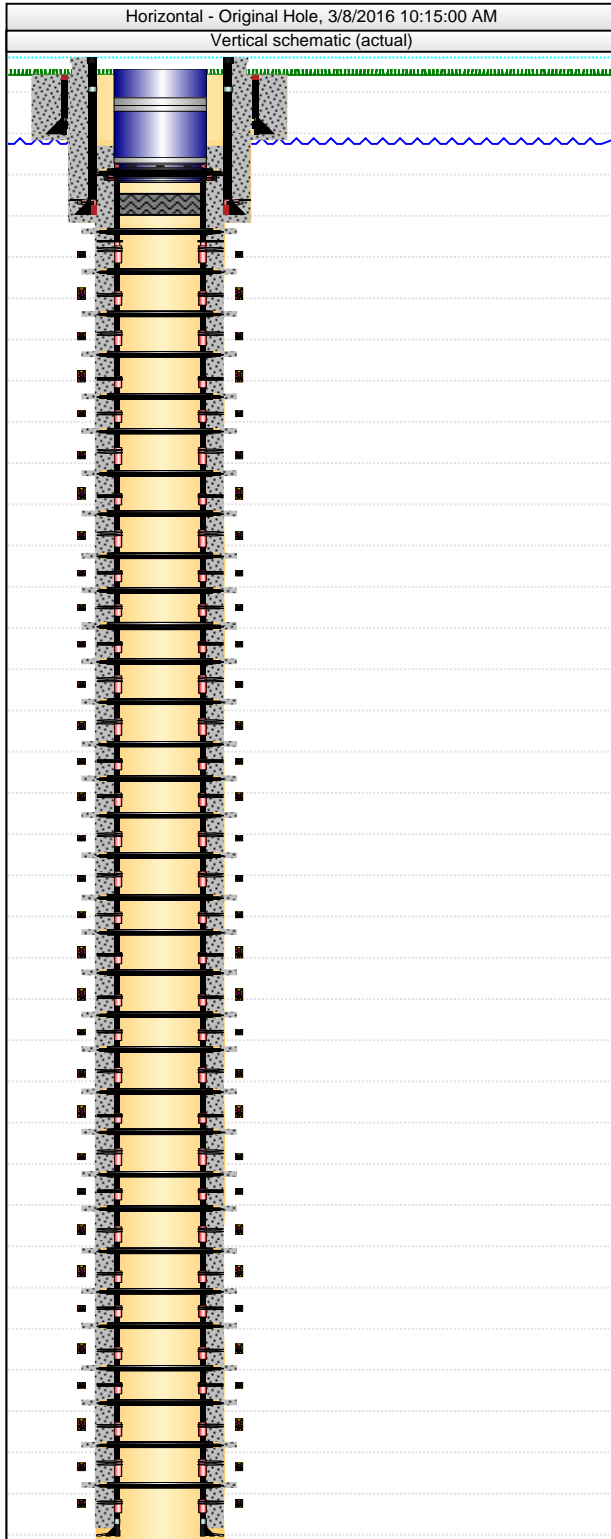
## Downhole Well Profile

**Well Name: Arellano K-10-9HN**

|  |                              |                              |                  |                            |  |
|--|------------------------------|------------------------------|------------------|----------------------------|--|
| API/UWI<br>05-123-41106                | Surface Legal Location       | Field Name<br>Wattenberg     | License #        | State/Province<br>Colorado | Well Configuration Type<br>Horizontal            |
| Original KB Elevation (ft)<br>4,639.00 | KB-Tubing Head Distance (ft) | Spud Date<br>3/27/2015 07:30 | Rig Release Date | PBTD (All)                 | Total Depth All (TVD)<br>Original Hole - 6,838.6 |

**Wellhead and Christmas Tree Systems**

|      |      |         |                        |                |           |
|------|------|---------|------------------------|----------------|-----------|
| Type | Make | Service | Working Pressure (psi) | Max Pres (psi) | Size (in) |
|------|------|---------|------------------------|----------------|-----------|


**Casing Strings**

| Csg Des          | OD (in) | Wt/Len (lb/ft) | Grade | Top Thread      | Set Depth (ftKB) |
|------------------|---------|----------------|-------|-----------------|------------------|
| Surface          | 9 5/8   | 36.00          | J-55  | LT&C            | 791.3            |
| Intermediate     | 7       | 29.00          | P-110 | Buttress Thread | 7,291.5          |
| Production liner | 4 1/2   | 13.50          | P-110 |                 | 14,034.0         |

**Perforations**

| Date | Top (ftKB) | Btm (ftKB) | Linked Zone |
|------|------------|------------|-------------|
|------|------------|------------|-------------|

**Tubing Strings**

|                          |           |      |                    |                  |            |       |              |
|--------------------------|-----------|------|--------------------|------------------|------------|-------|--------------|
| Tubing Description       | Run Date  |      | String Length (ft) | Set Depth (ftKB) |            |       |              |
| Casing - Tie back string | 8/18/2015 |      | 6,641.86           | 6,662.9          |            |       |              |
| Item Des                 | Jts       | Make | Model              | OD (in)          | Wt (lb/ft) | Grade | Len (ft)     |
| Tubing                   | 1         |      | T&C Upset          | 4 1/2            | 13.50      | P-110 | 42.30        |
| Tubing Pup Joint         | 1         |      |                    | 4 1/2            | 13.50      | P-110 | 5.76         |
| Tubing Pup Joint         | 4         |      |                    | 4 1/2            | 13.50      | P-110 | 30.80        |
| Tubing                   | 15<br>5   |      | T&C Upset          | 4 1/2            | 13.50      | P-110 | 6,542<br>.55 |
| Tubing Pup Joint         | 1         |      |                    | 4 1/2            | 13.50      | P-110 | 5.07         |
| Seal Assembly            | 1         |      |                    | 4 1/2            | 13.50      | P-110 | 15.38        |

**Rod Strings**

|                 |          |     |                    |                  |         |            |       |          |
|-----------------|----------|-----|--------------------|------------------|---------|------------|-------|----------|
| Rod Description | Run Date |     | String Length (ft) | Set Depth (ftKB) |         |            |       |          |
| Item Des        |          | Jts | Make               | Model            | OD (in) | Wt (lb/ft) | Grade | Len (ft) |
|                 |          |     |                    |                  |         |            |       |          |