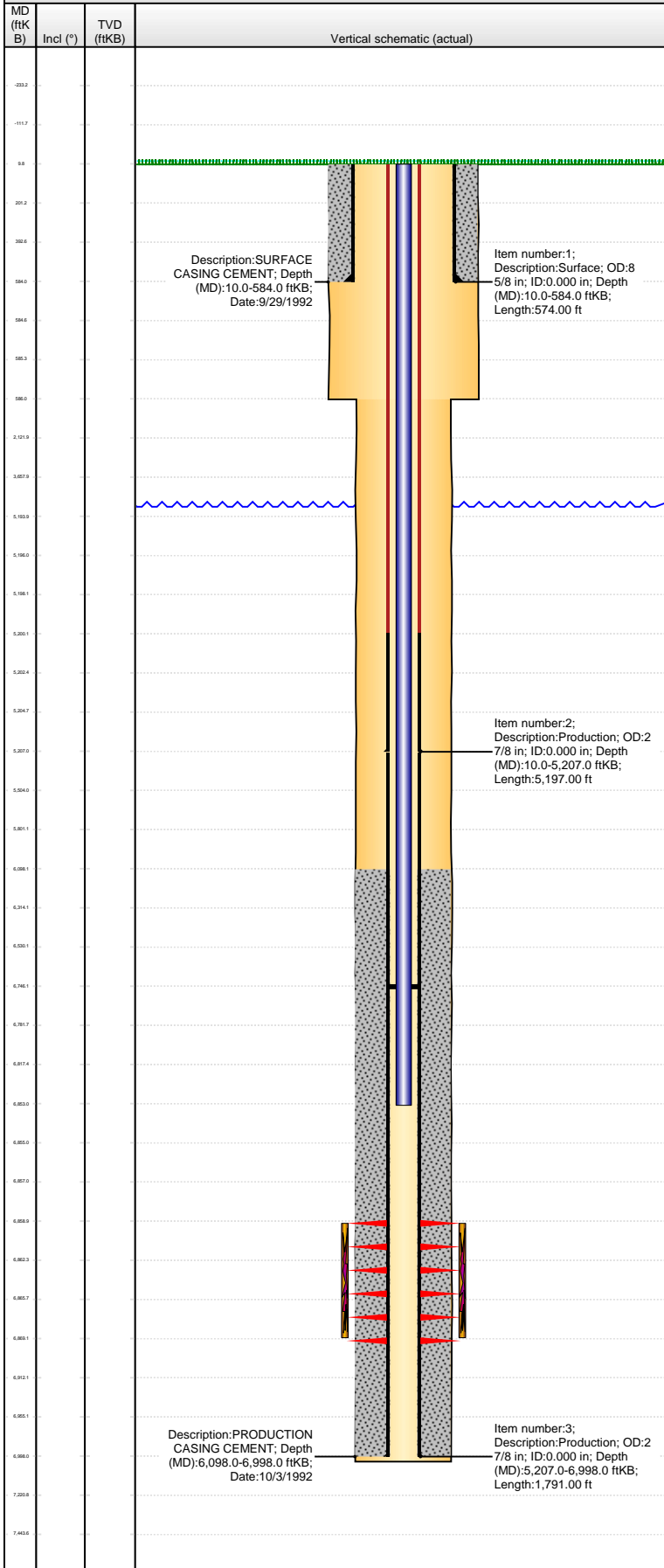


**Well Name: KARCH BLUE D24-12**

VERTICAL - ORIGINAL HOLE, 7/9/2013 10:39:36 AM



| Well Header                             |           |                               |                       |                  |  |   |                         |                                |                     |
|---|-----------|-------------------------------|-----------------------|------------------|--|---|-------------------------|--------------------------------|---------------------|
| API<br>05-123-16170                     |           | Business Unit<br>WATTENBERG   |                       |                  | District<br>15                                     |   | Well Config<br>VERTICAL |                                |                     |
| Original KB Elevation (ft)<br>4,779.00  |           | KB - GL / MSL (ftKB)<br>10.00 |                       |                  | Spud Date<br>9/28/1992                             |   | P & A Date              |                                |                     |
| Comment<br>CSG REPAIR 9/99 @ 5207'      |           |                               |                       |                  |  |   |                         |                                |                     |
| Directions To Well                      |           |                               |                       |                  |  |   |                         |                                |                     |
|   |           |                               |                       |                  |  |   |                         |                                |                     |
| Congressional Location                  |           |                               |                       |                  |  |   |                         |                                |                     |
| Quarter 1                               | Quarter 2 | Quarter 3<br>NW               | Quarter 4<br>SW       | Section<br>24    | Township<br>3                                      | Twonshp N...                                    | Range<br>64             | Rng E/W Dir<br>W               |                     |
| Bottom Hole Location                    |           |                               |                       |                  |  |   |                         |                                |                     |
| North-South Distance (ft)               |           |                               | From N or S Line      |                  | East-West Distance (ft)                            |   |                         | From E or W Line               |                     |
|   |           |                               |                       |                  |  |   |                         |                                |                     |
| Plug Back Total Depths                  |           |                               |                       |                  |  |   |                         |                                |                     |
| Date                                    |           | Depth (ftKB)                  |                       | Method           |  | Com   |                         |                                |                     |
| 10/2/1992                               |           | 6,994.0                       |                       | CASING TALLY     |  |   |                         |                                |                     |
| 9/11/1999                               |           | 6,746.0                       |                       | TAG              |  |   |                         |                                |                     |
| Wellbore Sections                       |           |                               |                       |                  |  |   |                         |                                |                     |
| Section Des                             |           |                               |                       | Size (in)        |  | Act Top (ftKB)                                  |                         | Act Btm (ftKB)                 |                     |
| SURFACE                                 |           |                               |                       | 12 1/4           |  | 10.0  |                         | 597.0                          |                     |
| PRODUCTION                              |           |                               |                       | 7 7/8            |  | 597.0   |                         | 7,023.0                        |                     |
| Zone Statuses                           |           |                               |                       |                  |  |   |                         |                                |                     |
| Zone Name                               |           | Status Date                   |                       | Status           |  | Job   |                         |                                |                     |
| CODELL                                  |           | 11/2/1992                     |                       | PR               |  | DRILLING/COMPLETION - ORIGINAL, 9/28/1992 00:00 |                         |                                |                     |
| CODELL                                  |           | 10/18/1999                    |                       | PR               |  | CASING REPAIR, 9/7/1999 00:00                   |                         |                                |                     |
| Casing Strings                          |           |                               |                       |                  |  |   |                         |                                |                     |
| Surface, 584.0ftKB                      |           |                               |                       |                  |  |   |                         |                                |                     |
| Casing Description<br>Surface           |           | Run Date<br>9/29/1992         |                       | OD (in)<br>8 5/8 | Wt/Len (l...<br>24.00                              | Grade   | Top (ftKB)<br>10.0      | MD (ftKB)<br>584.0             |                     |
| Production, 5,207.0ftKB                 |           |                               |                       |                  |  |   |                         |                                |                     |
| Casing Description<br>Production        |           | Run Date<br>9/10/1999         |                       | OD (in)<br>2 7/8 | Wt/Len (l...<br>6.50                               | Grade   | Top (ftKB)<br>10.0      | MD (ftKB)<br>5,207.0           |                     |
| Production, 6,998.0ftKB                 |           |                               |                       |                  |  |   |                         |                                |                     |
| Casing Description<br>Production        |           | Run Date<br>10/3/1992         |                       | OD (in)<br>2 7/8 | Wt/Len (l...<br>6.50                               | Grade<br>N-80                                   | Top (ftKB)<br>5,194.0   | MD (ftKB)<br>6,998.0           |                     |
| Cement                                  |           |                               |                       |                  |  |   |                         |                                |                     |
| Description<br>SURFACE CASING CEMENT    |           |                               |                       |                  |  | Top Depth (ftKB)<br>10.0                        |                         | Bottom Depth (ftKB)<br>584.0   |                     |
| Description<br>PRODUCTION CASING CEMENT |           |                               |                       |                  |  | Top Depth (ftKB)<br>6,098.0                     |                         | Bottom Depth (ftKB)<br>6,998.0 |                     |
| Tubing Components                       |           |                               |                       |                  |  |   |                         |                                |                     |
| Item Des                                |           | OD (in)                       | Wt (lb/ft)            | Grade            | Jts  | Len (ft)  |                         | Btm (ftKB)                     | Btm (TVD)<br>(ftKB) |
| Tubing                                  |           | 1 1/4                         |                       |                  |  | 6,843.00  |                         | 6,853.0                        |                     |
| Perforation Data                        |           |                               |                       |                  |  |   |                         |                                |                     |
| Zone                                    |           | Bnch/St<br>g                  | Entered<br>Shot Total | Top (ftKB)       |  | Btm (ftKB)                                      |                         | Date                           |                     |
| CODELL, ORIGINAL HOLE                   |           |                               | 40                    | 6,859.00         |  | 6,869.00  |                         | 10/9/1992                      |                     |
| Stimulations & Treatments               |           |                               |                       |                  |  |   |                         |                                |                     |
| Date<br>10/12/1992                      |           | Zone<br>CODELL, ORIGINAL HOLE |                       |                  | Primary Job Type<br>DRILLING/COMPLETION - ORIGINAL |   |                         |                                |                     |
| Technical Result                        |           |                               | Tech Result Details   |                  |  |   | Tech Result Note        |                                |                     |
| Comment                                 |           |                               |                       |                  |  |   |                         |                                |                     |
| Other In Hole                           |           |                               |                       |                  |  |   |                         |                                |                     |
| Run Date                                |           | Des                           |                       |                  |  | OD (in)   |                         | Top (ftKB)                     | Btm (ftKB)          |
|   |           |                               |                       |                  |  |   |                         |                                |                     |
| Logs                                    |           |                               |                       |                  |  |   |                         |                                |                     |
| Date                                    |           | Type                          |                       |                  |  | Top (ftKB)                                      |                         | Btm (ftKB)                     |                     |
| 10/3/1992                               |           | COMPENSATED DENSITY           |                       |                  |  | 4,220.0   |                         | 7,002.0                        |                     |
| 10/3/1992                               |           | INDUCTION                     |                       |                  |  | 4,500.0   |                         | 4,500.0                        |                     |
| 10/8/1992                               |           | CBL/CCL/GR                    |                       |                  |  | 6,010.0   |                         | 6,952.0                        |                     |